



# **Technical Advisory Committee**

**September 7, 2022  
9:30 a.m.**

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# Agenda



**Killeen-Temple Metropolitan Planning Organization  
Technical Advisory Committee (TAC)**  
Wednesday, September 7, 2022

Central Texas Council of Governments Building  
2180 North Main Street, Belton, Texas 76513

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

Virtual Link: [KTMPPO TAC Meeting](#)

Call in Number: [+1 \(872\) 240-3212](#)

Access Code: 756-809-085

**AGENDA**

1. Call to Order.
2. Opportunity for Public Comment.
3. Staff Update: *(pg.6-7)*
  - a) Meeting Schedule;
  - b) Other Updates;
  - c) Air Quality.
4. **Action Item:** Regarding approval of minutes from the August 3, 2022 meeting. *(pg.10-12)*
5. **Discussion and Action Item:** Regarding the KTMPPO TAC and Policy Board Meeting Schedule for FY2023. *(pg.14-15)*
6. **Discussion and Action Item:** Regarding Resolution 2022-09 Supporting October 2022 as Walk to School Month and October 12, 2022 as Walk to School Day. *(pg.18-19)*
7. **Discussion and Action Item:** Regarding Resolution 2022-10 Providing Guidance on Addressing KTMPPO Project Inflation Requests. *(pg.22-23)*
8. **Discussion Item:** Regarding Presentation on the 2022 Signalization Study findings. *(pg.26)*
9. **Discussion Item:** Regarding Public Input Received Through August 2022. *(pg.28-29)*
10. Member comments.
11. Adjourn.

# **Item 3:**

## **Staff Update**

**Staff Update**

a) Listed below are the upcoming KTMPO meetings:

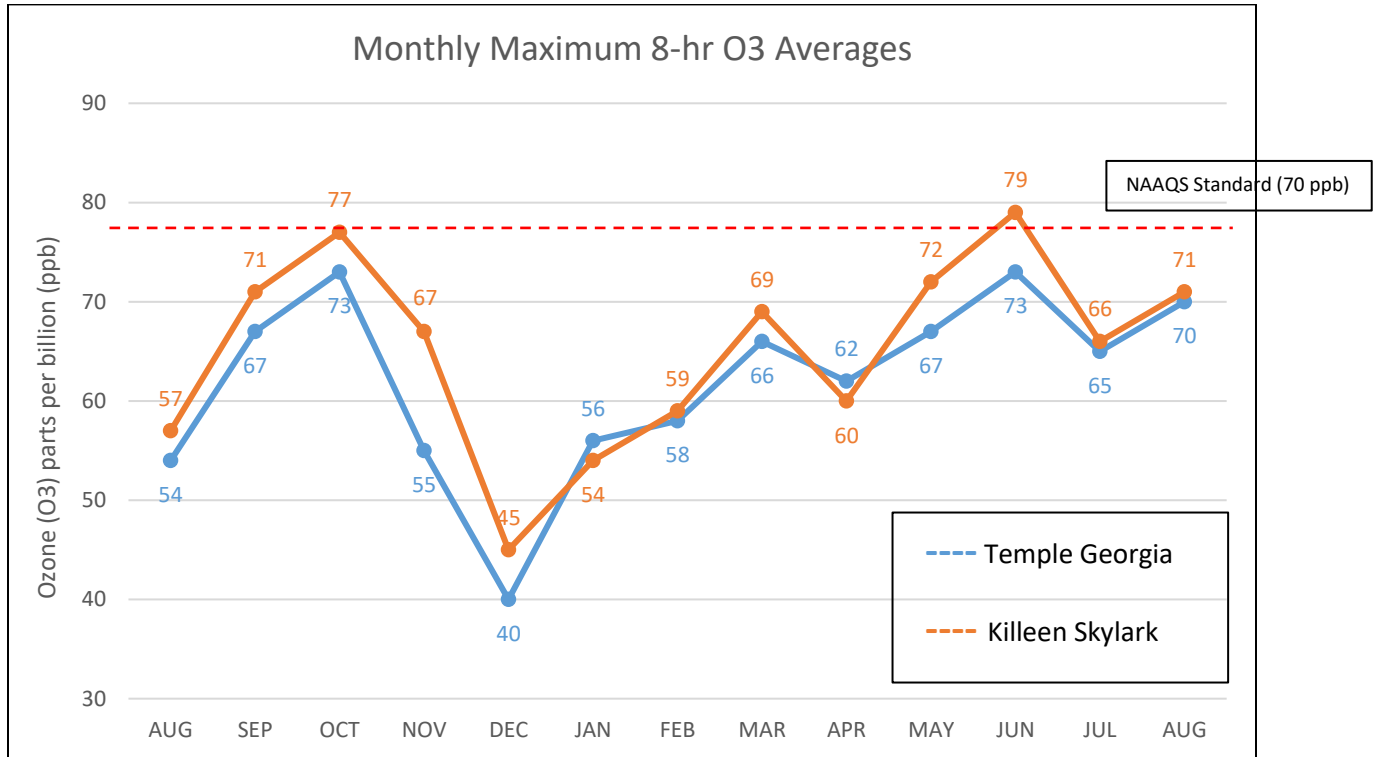
- September 14, 2022 – Bicycle Pedestrian Advisory Committee
- September 21, 2022 – Transportation Planning Policy Board
- October 5, 2022 – Technical Advisory Committee\*
- October 19, 2022 – Transportation Planning Policy Board\*
- November 2, 2022 -- Technical Advisory Committee\*
- November 16, 2022 -- Transportation Planning Policy Board\*

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

b) Other Updates:

- Federal Certification Review
  - Staff is still waiting for FHWA's preliminary report
- Officer Elections
  - Scheduled to occur at the September TPPB meeting
- Bell County Thoroughfare Plan
  - Staff is working on the first few draft chapters
- Safe Streets and Roads for All (SS4A) Match Formula
  - The Work Group met on August 12 to discuss several ideas for the grant match formula developed by staff
  - Staff is following up on several comments from the meeting before presenting a proposed match formula to the TAC & Policy Board
- PROTECT Program
- Greenhouse Gas Performance Measures
- 2023 UTP
  - Passed at the Texas Transportation Commission meeting on August 30
- TxDOT FY23 Statewide Transportation Alternatives (TA) Call for Projects
  - Targeted opening in October 2022
  - Funding for bicycle/pedestrian infrastructure projects
  - Any community eligible to apply
  - Additional eligibility for non-infrastructure projects (SRTS programs, active transportation plans, etc.)
  - Webinars: August 22, August 31, and September 7
- Possible tour of Texas A&M Rellis Campus on November 9th.

c) Air Quality



Compliance with EPA Ozone Standard: 4th Highest Annual Value				3-year average (Calculated on July 12, 2022)
	2020	2021	2022*	
Temple	64	67	65	65
Killeen	63	70	66	67

**Action Needed:** No action needed; for discussion only.

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**Item 4:**

**Meeting Minutes**



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

Wednesday, August 3, 2022  
9:30 AM

**Regular Meeting**

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

**Technical Advisory Committee Voting Members**

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

**Non-Voting Members**

Stephen Kasberg – TxDOT Bell County Area Engineer\*

**Additional Attendees**

Yvonne Spell – City of Harker Heights*	Amanda Mooney – TxDOT Waco District*
Gary Smith – City of Troy*	Erika Kunkel – TxDOT Waco District*
Gene Roberts – Fort Hood*	Dan Malsom – Kimley Horn
Tunde Akiode – Hill County Transit District	Caroline Leonard – Kimley Horn
Jodie Kelly – TxDOT Brownwood District	Kaitlyn Ng – Kimley Horn
Lauren Wolf – TxDOT Waco District	Connie Quinto – KTMPO
Brenton Lane – TxDOT Waco District	James McGill – KTMPO
Nicole Gray – TxDOT Waco District*	Dominic Elizondo – KTMPO
Gary Rushing – TxDOT Waco District*	Hope Geiger – KTMPO

*\*Denotes online attendee*

**Meeting Minutes:**

- 1. Call to Order:** Connie Quinto 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:** Meeting Schedule; Other Updates; Air Quality.

James McGill informed the TAC of upcoming KTMPO meetings through October. Mr. McGill updated the group on KTMPO's Federal Certification Review, and the FY23-26 TIP status. Mr. McGill reminded the TAC that Officer elections for Policy Board would be conducted at the Policy Board meeting on September 21<sup>st</sup>, 2022. Mr. McGill informed the TAC of the stakeholder meeting conducted for the Bell County Thoroughfare plan and that Policy Board approved a work group for SS4A Grant Match consisting of Ryan Haverlah (Copperas Cove), Mayor Tim Davis (Temple), Commissioner Bobby Whitson (Bell County), Councilmember Michael Boyd (Killeen). Maximum ozone air quality readings for the month of June were 65 parts per billion (ppb) at the Temple station and 66 ppb at the Killeen station.

**4. Action Item:** Approve minutes from the July 6, 2022, meeting.

**Jason Deckman made a motion to approve the July 6, 2022, meeting minutes, seconded by Darrell Burtner; the motion passed unanimously.**

**5. Discussion and Action Item:** Regarding Resolution 2022-08 supporting the 2024 and 2026 Travel Time Reliability (PM3) performance targets for KTMPO established by the Texas Department of Transportation.

James McGill gave a brief overview of the Travel Time Reliability Performance Measure (PM3) and presented the recommended targets given to the MPO by TTI.

Judge Roger Miller asked how the KTMPO current time travel reliability numbers compared to the new target range. Bob van Til asked how these goals relate to safety and how we can use this data to address system issues in the region. Jason Deckman suggested that KTMPO staff reach out to TTI for further understanding and so they can come educate the Committee on the development of these targets. Various members discussed our targets for the region.

**Jason Deckman made a motion to recommend approval of Resolution 2022-08 supporting KTMPOs System Performance (PM3) targets for 2024 and 2026 along with guidance for staff to engage TIT for further education, seconded by Judge Roger Miller; the motion passed unanimously.**

**6. Discussion and Action Item:** Regarding updated language in the MPO-TxDOT Self Certification Statement.

James McGill presented updates to the MPO-TxDOT Self Certification form in the TIP recommended by TxDOT following the passage of the IJJA.

**Kristina Ramirez made a motion to recommend approval of updates to the MPO-TxDOT Self Certification form in KTMPO's TIP, seconded by Bobby Lewis; the motion passed unanimously.**

**7. Discussion and Action Item:** Regarding Amendment #2 to the FY22-23 Unified Planning Work Program (UPWP) to:

- a) Update the Planning Emphasis Areas (PEAs) language;
- b) Add Performance Measure language; and
- c) Move funds from Task 5, Special Studies to Task 1, Administration; Task 2, Data Development; Task 3, Short Range Planning; and Task 4, Metropolitan Transportation System.

James McGill presented recommendations for the proposed amendment to the FY22-23 UPWP and explained why the staff was proposing them.

Judge Roger Miller confirmed that the funds currently in Task 5 are just a placeholder for special studies, and not obligated toward specific projects.

**Jason Deckman made a motion to recommend approval of Amendment #2 to the FY22-23 UPWP, seconded by Kristina Ramirez; the motion passed unanimously.**

**8. Discussion Item:** Kimley Horn presentation on the TIP Viewer Dashboard Tool.

Caroline Leonard and Kaitlyn Ng with Kimley Horn gave a brief presentation over the TIP Viewer Dashboard tool to the TAC.

**9. Discussion Item:** Regarding 2022 TxDOT HSIP Program presentation

Lauren Wolf presented on the Texas Highway Safety Improvement Program (HSIP) to the TAC.

**10 Discussion Item:** Regarding public input received through July 2022.

No new comments during the month of July.

**11. Member Comments:**

Darrell Burtner thanked the KTMPO/CTCOG for help during the fire evacuation. Victor Goebel updated on putting in for July 2023 let date for the US 190 Bypass project.

**12. Adjourn:** The meeting adjourned at 10:46 a.m.

These meeting minutes were approved by TAC at their meeting on \_\_\_\_\_.

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Uryan Nelson, KTMPO Director

**Item 5:**

**KTMPO TAC and Policy  
Board meeting Schedule  
for FY202**

**KTMPPO TAC and Policy Board Meeting Schedule for FY2023**

Included in the meeting packet is a proposed meeting schedule for FY2023.

- TAC typically meets on the 1<sup>st</sup> Wednesdays of the month
  - Except January and July those meetings have been moved to the 2<sup>nd</sup> Wednesday.
- Policy Board typically meets on the 3<sup>rd</sup> Wednesdays of the month
- If state or national meetings require meeting dates to shift, staff will request the Policy Board to change the schedule

**Action Needed:** Consider recommending approval of the KTMPPO TAC and Policy Board meeting schedule for FY2023.

# FY 2023

## KTMPO Meeting Calendar

TAC typically 1st Wednesday of Month

October '22						
Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

November '22						
Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

TPPB typically 3rd Wednesday of Month

December '22						
Su	M	Tu	W	Th	F	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

January '23						
Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

February '23						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

March '23						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

April '23						
Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

May '23						
Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

June '23						
Su	M	Tu	W	Th	F	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

July '23						
Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

August '23						
Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

September '23						
Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

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**Item 6:**

**Resolution 2022-09**  
**supporting October 2022**  
**as Walk to School Month**  
**and October 12, 2022 as**  
**Walk to School Day**

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**Resolution 2022-09 supporting October 2022 as Walk to School Month and  
October 12, 2022 as Walk to School Day**

Organized by the Partnership for a Walkable America, Walk to School Day in the US began in 1997 as a one-day event in support of a movement for year-round safe routes to school. The event became international in 2000 when Canada, the UK, and the USA joined together for the first International Walk to School Day. Since then, growing interest from around the globe has expanded the promotion of walking to the whole month of October each year. More information can be found [here](#).

International Walk to School Day helps promote visibility for walking or bicycling to school and creating safer routes for students to walk and bike to school. This year, Walk to School Day will occur on Wednesday, October 12<sup>th</sup>.

Included in the meeting packet is a resolution that will be presented to KTMPO Transportation Planning Policy Board at their September meeting to support October 2022 as Walk to School Month and October 12, 2022 as Walk to School Day in the KTMPO region. KTMPO encourages regional cities to also support and promote Walk to School Day and Month.

**Action Needed:** Consider recommending approval of Resolution 2022-09 supporting October 2022 as Walk to School Month and October 12, 2022 as Walk to School Day



## **RESOLUTION NO. 2022-09**

### **A RESOLUTION OF THE KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION PROCLAIMING THE MONTH OF OCTOBER 2022 AS WALK TO SCHOOL MONTH AND OCTOBER 12, 2022 AS WALK TO SCHOOL DAY**

**WHEREAS;** The International Walk to School Committee has declared October 2022 as International Walk to School Month and October 12, 2022 as Walk to School Day; and

**WHEREAS;** International Walk to School Month provides an opportunity for all young Texans to live a healthy lifestyle while educating the general public about the benefits of non-motorized transportation uses; and

**WHEREAS;** International Walk to School Month encourages all citizens to walk, thereby reducing vehicular emissions in Central Texas; and

**WHEREAS;** walking is a healthy, safe, and environmentally-friendly form of transportation and an excellent form of recreation; and

**WHEREAS;** walking within communities is an effective means to reduce air pollution, conserve energy, and promotes the “livability” of communities by reducing traffic, noise, and congestion;

**NOW, THEREFORE, BE IT RESOLVED** that the Killeen-Temple Metropolitan Planning Organization hereby proclaims October 2022 as Walk to School Month and October 12, 2022 as Walk to School Day in the CTCOG region.

**BE IT FURTHER RESOLVED** that the Killeen-Temple Metropolitan Planning Organization urges all to participate in walking events and urges all road users to share the road safely with pedestrians.

**PASSED AND ADOPTED** on this 21<sup>st</sup> day of September 2022 at a regular meeting of the Killeen-Temple Metropolitan Planning Organization Transportation Planning Policy Board, which meeting was held in compliance with the Open Meetings Act, Texas Government Code, 511.001, *et seq.*, at which meeting a quorum was present and voting.

**ATTEST:**

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Mayor Spencer H. Smith, KTMPPO TPPB Chair

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Uryan Nelson, KTMPPO Director

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**Item 7:**

**Resolution 2022-10**  
**providing guidance on**  
**addressing KTMPO**  
**project inflation requests**

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**Resolution 2022-10 Providing Guidance on Addressing KTMPO Project Inflation Requests**

Recent inflation issues have had significant impacts on the cost of materials for construction projects. In August, the City of Nolanville requested additional funding from the MPO due to these impacts and staff expects more requests as the country continues to experience the effects of inflation. KTMPO staff is putting forward this resolution to provide guidance and direction for future increased funding requests from local entities.

Included in the meeting packet is a resolution that will be presented to KTMPO Transportation Planning Policy Board at their September meeting to provide guidance on increased funding requests.

**Action Needed:** Consider recommending approval of Resolution 2022-10 providing guidance on addressing KTMPO project inflation requests.



## **RESOLUTION NO. 2022-10**

### **A RESOLUTION OF THE KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION PROVIDING GUIDANCE ON ADDRESSING KTMPO PROJECT INFLATION REQUESTS.**

**WHEREAS;** recent inflation issues have significantly impacted the cost of materials for construction projects; and

**WHEREAS;** local entities may submit requests for increased construction funding to KTMPO; and

**WHEREAS;** the Statewide Transportation Improvement Program (STIP) allows administrative modifications to project construction costs if the change in estimated federal cost share is less than \$1.5 million or less than 50% of the original amount; and

**WHEREAS;** increased funding requests beyond the STIP administrative revision requirements will be subject to the formal amendment process and review by the Policy Board.

**NOW, THEREFORE, BE IT RESOLVED** that the Killeen-Temple Metropolitan Planning Organization Transportation Planning Policy Board supports requests to increase construction funding for projects that meet the STIP administrative modification requirements, subject to available KTMPO funding

**FURTHERMORE, BE IT RESOLVED** those requests exceeding the amounts and limits aforementioned, shall be approved by the Killeen-Temple Metropolitan Planning Organization Transportation Planning Policy Board at an open meeting with a quorum present.

**PASSED AND ADOPTED** on this 21<sup>st</sup> day of September 2022, at a regular meeting of the Killeen-Temple Metropolitan Planning Organization Transportation Planning Policy Board (TPPB) meeting which was held in compliance with the Open Meetings Act, Texas Government Code, 511.001, *et seq.*, at which meeting a quorum was present and voting.

**ATTEST:**

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Mayor Spencer H. Smith, KTMPO TPPB Chair

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Uryan Nelson, KTMPO Director

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**Item 8:**

**2022 Signalization Study**

**Findings**

**2022 Signalization Study Findings**

Lance Ballard from Kimley-Horn will be presenting a brief overview of the Signalization Study, the finding from their survey of agencies, and their recommendations.

**Action Needed:** No action needed; for discussion only.

**Item 9:**  
**Public Input Received**

**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.



## KTMPo Public Comments

FY22

Date	Name	Means of Public Comment	Public Comment	Date Comment Was Presented to TAC	Public Comment Topic	Jurisdiction
5/13/2022	Thomas Dyer	Email	Your project in Copperas Cove down the middle of US 190 is terrible. We didn't ask for it. We didn't vote for it. We don't want it.	7/6/2022	Roadway	Copperas Cove
8/13/2022	Peter Stanonik	Email	<p>Reference Project K30-13a from your March 2022, Category 7 Listing. I have just re-read this article from November of 2019. If the article is accurate, then you, KTMPo, are the hold up to public safety. A cursory look at public comments on the Killeen Daily Herald Facebook page, tells you ordinary citizens can already see the hazards of increased traffic on Chaparral Road. I challenge you to address the public's safety and mobility concerns in your response. I can't think of a scenario where you can objectively defend a 2025 Let Date for this project. If Killeen, Harker Heights, Bell County and KISD have all ponied up their money then you get your behind in gear and get this done.</p> <p>Don't tell me it can't be done either. Bell County citizens voted down two bond proposals for a court/jail complex, so the county went to the state to get it approved because of "public safety". They have their complex now \$130 million later. Things can get done when you want them to get done. Traffic control devices were finally put at the intersection of Chaparral and SH195. It only took two or three traffic fatalities before you leaders listened to the common sense of the people. The county has put up mobile signs warning of delays starting August 15th so apparently everyone knows it coming except KTMPo.</p> <p>So has KTMPo submitted requests for funds from the recently passed Federal Infrastructure bill? Why aren't funds already available if the other government entities have ponied up? Seems like half the project could be done already with their monies. Plus waiting to get all the funds means the price tag is just going to keep rising. Regular folk do part of project for the money they have then continue it as they save up more. At least I do.</p> <p>And now KISD is building a middle school in the same area that is supposed to be open in Fall of 2024. And the developers are putting 3750 homes in Turnbo Ranch and 1250 homes in Thousand Oaks. Somebody needs to get with the program of getting us citizens some mobility and safety, but quick!</p>	9/7/2022	Roadway	Killeen
8/26/2022	Thomas Dyer	Email	<p>I haven't written lately, and I didn't want you to think my silence was a form of acceptance, or even worse. approval. Let me be succinct, your tyrannical plans have greatly and negatively impacted the city of Copperas Cove. As if the pandemic hadn't been hard enough on our community, then your group of glorified know-nothings come along and forcibly mar and scar the entrance to our town. We didn't want it, 3 times we voted it down. WE DIDN'T WANT IT! We still don't. Yet our businesses are suffering, many losing 30-40% of the business they had prior. And this is what you wanted, not us. The entire project makes no sense, the turn spots are just punitive. If you absolutely HAD to do something then just removing the blacktop in the center turn lane and replacing it with brick would have been more aesthetically pleasing. But now we are still losing a lane on each side, and have an eye-sore thru the middle of town killing our businesses, and you went around the citizens to make it happen.</p> <p>Have a nice day, I hope your socks fall down.</p>	9/7/2022	Roadway	Copperas Cove

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# **Grant Opportunities**

- **Bridge Investment Program (BIP):**

~~Deadline July 25, 2022 (Planning Application)~~

~~Deadline August 9, 2022 (Large Bridge Project)~~

Deadline September 8, 2022 (Bridge Project)

Federal Highway Administration (FHWA):

Description: The Bridge Investment Program provides funding for bridge replacement, rehabilitation, preservation, or protection projects that improve the safety, efficiency, and reliability of the movement of people and freight over bridges; and improve the condition of bridges in the United States. The Program also provides funding for planning to improve a bridge.

There are 3 different categories of BIP funding: Planning, Bridge Projects (less than \$100 million), and Large Bridge Projects (greater than \$100 million). Applicants may submit for any of the three funding categories, but each has distinct eligibility and selection criteria and application deadlines (see above).

Estimated Funding Available: \$2,360,000,000

Award Ceiling: \$10,000,000,000

Award Floor: \$2,500,000

[Click Here](#) for more information!

- **Safe Streets & Roads for All (SS4A) Program:**

Deadline September 15, 2022

Department of Transportation (DOT):

Description: SS4A is a new grant program established by the BIL/IIJA to support planning, infrastructure, behavioral, and operational initiatives to prevent death and serious injury on roads and streets involving all roadway users.

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

Award Ceiling: \$50,000,000

Award Floor: \$200,000

[Click Here](#) for more information!



- **FY22 Railroad Crossing Elimination (RCE) Grant Program:**

**Deadline October 4, 2022**

Federal Railroad Administration (FRA):

Description: The purpose of the RCE is to provide funding for highway-rail and pathway-rail grade crossing improvement projects that focus on improving the safety and mobility of people and goods.

Estimated Funding Available: \$573,264,000

Award Ceiling: \$573,264,000

Award Floor: \$0

[Click Here](#) for more information!

- **Reconnecting Communities Pilot Discretionary Grant Program:**

**Deadline October 13, 2022**

Department of Transportation (DOT):

Description: The purpose of the Reconnecting Communities Program is to reconnect communities by removing, retrofitting, or mitigating highways or other transportation facilities that create barriers to community connectivity, including to mobility, access, or economic development. The program will award two types of grants: Planning Grants & Capital Construction Grants.

Estimated Funding Available: \$195,000,000

Award Ceiling: \$100,000,000

Award Floor: \$100,000

[Click Here](#) for more information!

**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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# **KTMPO Contacts, Acronyms, and Terms**

**Chair:**

**Mayor Spencer H. Smith**

City of Harker Heights  
305 Miller's Crossing, Harker Heights, TX 76548  
Phone: (254) 953-5600  
[shsmith@harkerheights.gov](mailto:shsmith@harkerheights.gov)  
Alternate: David Mitchell, Kristina Ramirez

**Vice Chair:**

**Judge Roger Miller**

Coryell County  
800 E. Main Street, Suite A  
Gatesville, TX 76528  
Phone: (254) 865-5911, ext. 2222  
[countyjudge@coryellcounty.org](mailto:countyjudge@coryellcounty.org)  
Alternate:

**Councilmember David Leigh**

City of Belton  
333 Water Street, Belton, TX 76513  
Phone: (254) 933-1000  
[dkleigh@beltontexas.gov](mailto:dkleigh@beltontexas.gov)  
Alternate: Sam Listi, Bob Van Til

**Mayor 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](mailto:dyancey@copperascovetx.gov)  
Alternate: Ryan Haverlah, Bobby Lewis

**Councilmember Riakos Adams**

City of Killeen  
101 N. College Street  
Killeen, Texas 76540  
Phone: (254) 290-5330  
[radams@killeentexas.gov](mailto:radams@killeentexas.gov)  
Alternate:

**Councilmember Ramon Alvarez**

City of Killeen  
101 N. College Street  
Killeen, TX 76540  
Phone: (254) 383-7981  
[ralvarez@killeentexas.gov](mailto:ralvarez@killeentexas.gov)  
Alternate:

Updated July 25, 2022

**Councilmember Michael Boyd**

City of Killeen  
101 N. College Street  
Killeen, TX 76540  
Phone: (254) 952-7837  
[mboyd@killeentexas.gov](mailto:mboyd@killeentexas.gov)  
Alternate:

**Mayor Tim Davis**

City of Temple  
2 North Main #103, Temple TX 76501  
Phone: (254) 298-5301  
Fax: (254) 298-5637  
[tdavis@templetx.gov](mailto:tdavis@templetx.gov)  
Alternate: Brynn Myers, Lynn Barrett, Brian Chandler, Jason Deckman, Erin Smith, David Olson

**Councilmember Susan Long**

City of Temple  
2 North Main St., STE 103  
Temple, TX 76501  
Phone: (254) 774-5700  
[susan.long@templetx.gov](mailto:susan.long@templetx.gov)  
Alternate: Erin Smith, Brynn Myers, Jason Deckman, David Olson, Lynn Barrett, Brian Chandler

**Judge David Blackburn**

Bell County  
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## Commonly Used Transportation Related Acronyms and Terms

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

A comprehensive listing with definitions is available under Transportation Planning Resources at [www.ktmpo.org](http://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 (2022-2031) Projects with Allocated Funding as of March 2022 and Listed in the Transportation Improvement Program (TIP)

## CATEGORY 2 PROJECTS (METROPOLITAN CORRIDORS)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost <sup>2</sup>	MPO Approved Funding	Estimated Let Date <sup>3</sup>	Environmental Considerations <sup>4</sup>	Funding <sup>5,6</sup>
W35-01	0231-01-003 0231-19-003 0231-02-067	US 190 Bypass	0.6 mi W of FM 2657 to 0.15 mi E of Clarke Rd	Widen from two lane to four lane divided highway and construct interchanges.	3	3	\$86,355,509	\$72,464,000	2026		Allocation: \$72,464,000 FY23-26 UTP Fiscal Constraint: \$68,585,914

## CATEGORY 7 PROJECTS (SURFACE TRANSPORTATION PROGRAM-METROPOLITAN MOBILITY)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost <sup>2</sup>	MPO Approved Funding	Estimated Let Date <sup>3</sup>	Environmental Considerations <sup>4</sup>	Funding <sup>5,6</sup>
K30-13a	0909-36-175	Chaparral Rd Phase 1	SH 195 to E Trimmier Rd	Widen Chaparral Rd between SH 195 and E Trimmier Rd from 2 lanes to 4 lanes with a continuous center turn lane. Add 8 ft bicycle lane and 5 ft sidewalk or Shared Use Path (SUP) on both sides of the road.	1	1	\$15,282,838	\$12,880,000	2025		Allocation: \$42,725,223 (includes transit) FY23-26 UTP Fiscal Constraint: \$25,980,542
T40-07a	0909-36-168	Temple Outer Loop West-Phase I	522 ft S of Jupiter Dr to 20 ft N of Riverside Trail	Widen Old Waco Rd (future Outer Loop West) from two lane to four lane divided roadway with a curb and gutter, Phase 1.	17	4	\$12,854,617	\$10,298,198	2023	P, H	
N40-03	0909-36-184	Old Nolanville Rd Bridge	Bridge on Old Nolanville Rd to IH-14	Reconstruct bridge on Old Nolanville Rd at South Nolan Creek and add a SUP (Shared Used Path) next to the roadway from the Bridge to IH-14.	9	5	\$2,289,448	\$1,924,841	2023	—	
D45-01	0909-36-186	W Main St/Luther Curtis Rd	Church Ave to 0.4 mi. W of Lee Mays Blvd	Rehabilitate and widen W Main St/Luther Curtis Rd from 2 to 3 lanes; add center turn lane and install 12 ft Shared Use Path (SUP).	33	7	\$3,748,266	\$3,200,000	2023		
H30-05b	0909-36-171	Warrior's Path Phase 2	FM 2410 (E Knights Rd) to Pontotoc Trace	Upgrade Warriors Path by adding a left turn lane, reconstructing the curb & gutter, adding a 6 ft sidewalk on the west side of the road and a 10 ft Shared Use Path (SUP) on the east side of the road.	36	8	\$5,455,014	\$3,581,020	2023	H	
S45-01	0909-36-183	Royal St Improvements	Smith Branch Rd to FM 2286 (Main St)	Pulverize the existing asphalt, stabilize the remaining base and apply two inch HMA surface along Royal Street from Smith Branch Rd to FM 2268; install ribbon curb on both sides of the road.	46	9	\$1,171,455	\$1,005,200	2023		
K45-03	0909-36-185	W Rancier Ave	Ft Hood St (SH 195) to W S Young Dr	Construct 6 ft wide concrete sidewalk, pedestrian signals, ADA ramps and crosswalks along W Rancier Ave.	1	1	\$3,853,727	\$3,240,000	2024		
B45-02	0015-05-051 0015-18-007	E 6th Ave Sidewalk	SH 317 (Main St.) to IH-35	Construct 5 ft sidewalks along both sides of E 6th Ave (FM 93) from SH 317 (Main St) to IH-35.	2	2	\$3,516,414	\$2,550,480	2026		
T40-13a	0909-36-173	Georgetown Railroad Trail Phase 1	S 31st St (FM 1741) to 0.04 mi. E of S 5th St	Construct 10 ft wide hike and bike trail along the old Georgetown Railroad route between 31st St and 5th St.	3	3	\$2,336,487	\$1,123,503	2023		
S45-03	0909-36-187	Williams Road Sidewalks	FM 2484 to W Village Rd	Construct ADA accessible sidewalks adjacent to Williams Rd from FM 2484 to W Village Rd.	19	5	\$769,585	\$647,024	2024		

## MPO CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE PROGRAM)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost <sup>2</sup>	MPO Approved Funding	Estimated Let Date <sup>3</sup>	Environmental Considerations <sup>4</sup>	Funding <sup>5,6</sup>
T40-13a	0909-36-173	Georgetown Railroad Trail Phase 1	S 31st St (FM 1741) to 0.04 mi E of S 5th St	Construct 10 ft wide hike and bike trail along the old Georgetown Railroad route between 31st St and 5th St.	3	3	\$2,336,487	\$476,497	2023		Allocation: \$1,895,677 FY23-26 UTP Fiscal Constraint: \$1,576,040
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 on 13th Ave between Main St and Waco Rd; add striping for a bike lane on the south side of the road.	7	4	\$619,474	\$423,611	2023	P	
N40-05	2057-01-012	FM 439 Spur Connectivity	Main St to North Dr	Construct a 10 ft wide shared use path (SUP), with ADA ramps & crosswalks along the west side of FM 439 Spur.	6	4	\$1,129,175	\$995,569	2023		

STATEWIDE CATEGORY 9 PROJECTS (SAFE ROUTES TO SCHOOL PROGRAM)											
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost <sup>2</sup>	MPO Approved Funding	Estimated Let Date <sup>3</sup>	Environmental Considerations <sup>4</sup>	Funding <sup>5,6</sup>
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	\$280,225	\$277,571	2022	N/A	Allocation: \$1,112,625 Fiscal Constraint: n/a
R45-01	0909-36-188	Bartlett Elementary Safe Routes to School	Robinson St to N Evie St, south to Bell St	Construct approximately 2,050 linear ft of 6 ft wide reinforced concrete sidewalk with crosswalk, 2 ADA curb ramps and signage to cross SH 95. Additional signage and 5 crosswalks with 10 ADA curb ramps will be added to other local cross streets.	N/A	N/A	\$860,748	\$835,054	2024	N/A	
CATEGORY 3 LOCALLY FUNDED PROJECTS											
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost <sup>2</sup>	MPO Approved Funding	Estimated Let Date <sup>3</sup>	Environmental Considerations <sup>4</sup>	Funding <sup>5,6</sup>
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	\$6,181,758	\$5,015,690	2026	—	Local Contribution (Cat 3) Allocation: \$10,378,666 Fiscal Constraint: n/a
B45-13	0909-36-192	E Central Ave Bridge Replacement	E Central Ave Bridge @ Nolan Creek to Spring St	Remove the E Central Ave bridge over Nolan Creek. Extend Spring St east and construct new bridge over Nolan Creek; reconnect to Central Ave on east side of the creek.	N/A	N/A	\$6,177,511	\$4,435,426	2026		
T40-07a	0909-36-168	Temple Outer Loop West-Phase I	522 ft S of Jupiter Dr to 20 ft N of Riverside Trail	Widen Old Waco Rd (future Outer Loop West) from two lane to four lane divided roadway with a curb and gutter, Phase 1.	17	4	\$12,854,617	\$411,928	2023	P, H	
T40-13a	0909-36-173	Georgetown Railroad Trail Phase 1	S 31st St (FM 1741) to 0.04 mi E of S 5th St	Construct 10 ft wide hike and bike trail along the old Georgetown Railroad route between 31st St and 5th St.	3	3	\$2,336,487	\$400,000	2023		
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 on 13th Ave between Main St and Waco Rd; add striping for a bike lane on the south side of the road.	7	4	\$619,474	\$115,622	2023	P	
TRANSIT PROJECTS											
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost <sup>2</sup>	MPO Approved Funding	Estimated Let Date <sup>3</sup>	Environmental Considerations <sup>4</sup>	Funding <sup>5,6</sup>
A45-02	0909-36-191	HCTD Bus Replacement	Killeen UZA - Four, Temple UZA - Two	Purchase buses to provide transportation.	N/A	N/A	\$2,354,957	\$2,354,957	2024	—	(Cat 7) Allocation: \$2,354,957 Fiscal Constraint: see above
GROUPED PROJECTS											4 Year Total TIP Allocation: \$126,697,645 *Excludes grouped projects, matches current TIP financial summary
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	FY2023-2026 TIP						10 Year Total UTP Fiscal Constraint: \$275,205,025
G01-PE	Various CSJs	Preventative Projects	Various Locations	Various Descriptions	\$0						MTP 10 Year Short Range Fiscal Constraint: \$49,500,000
G03-MT	Various CSJs	Maintenance Projects	Various Locations	Various Descriptions	\$83,664,398						MTP Long Range Fiscal Constraint: \$405,700,000
G04-BR	Various CSJs	Bridge Projects	Various Locations	Various Descriptions	\$22,016,200						
G06-SA	Various CSJs	Safety Projects	Various Locations	Various Descriptions	\$5,296,852						
G07-LA	Various CSJs	Landscaping Projects	Various Locations	Various Descriptions	\$187,200						
G09-BP	Various CSJs	Bike & Pedestrian Projects	Various Locations	Various Descriptions	\$603,413						



Proposed Roadway, Transportation Choices/Livability,Transit, and Preventative Maintenance Projects											
ROADWAY PROJECTS											
KTMO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost <sup>2</sup>		Estimated Let Date <sup>3</sup>	Environmental Considerations <sup>4</sup>	Funding <sup>5,6</sup>
T45-18	0320-01-079	SH 95 Turn Lanes	Barnhardt Rd to 0.6 mi. S of Barnhardt Rd	Construct turn lanes on the west side of SH 95 for acceleration and deceleration	22	25	\$1,474,166	\$1,219,000	2023		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
W40-04a2	N/A	Loop 121 Phase 1b	IH-14 to IH-35	Widen 2 ln to 4 ln with raised median, 10' SUP, 6' sidewalk	2	2	\$21,280,000		2025		
T40-07b	0909-36-174	Outer Loop West Phase 2	Riverside Trail to IH-35 Frontage Rd	Widen and new construction 4 ln, trail	6	4	\$28,000,000		2027	P, H	
C45-02	N/A	SH 9 Offramp	SH 9 to BUS US 190	Construct an interchange turnaround from eastbound SH 9 to westbound Business 190	20	6	\$2,722,425	\$1,960,000	2025		
C45-04	N/A	W Avenue B Phase 1	N 1st St to Courtney Ln	Widen to consistent 4 CLT, 11' shared use path, 6' sidewalk	4	10	\$8,982,400		2025		
W40-04b	N/A	Loop 121 Phase 2	IH-35 to FM 436	Widen 2 ln to 4 ln with raised median, 10' SUP, 6' sidewalk	7	12	\$10,080,000		2029		
B40-11	N/A	FM 2271	FM 1670 to FM 439	New construction 2 ln, 10' shared use path	8	13	\$55,664,000		TBD		
W30-17	1835-01-026	FM 93 - Phases 1 and 2	SH 317 to Wheat Rd	Widen from 2 ln to 4 ln divided, shared use path	12	16	\$16,800,000		2026	EJ, H, P	
W35-07	0320-06-008	Loop 363	Lucius McCelvey Dr to Industrial Blvd	Expand to 4 ln, intersections @ Lucius McCelvey & Industrial	16	20	\$50,400,000		2025	H	Categories 2, 7 Years 11-25 Long Range Allocations: \$361,767,429 MTP Long Range Fiscal Constraint: \$364,100,000 Available: \$2,322,571
T15-06k	0015-14-109	IH 35	US 190 to LP 363	Widen from 6 ln to 8 ln	5	11	\$308,000,000		2031	EJ, H	
W30-23	0184-04-051	US 190	FM 1741 to FM 436	Expand to 4 FRWY with grade separation and FRTG	10	14	\$115,360,000		2029		
T35-36a	N/A	S 1st St	Ave M to Ave U	Widen from 4 ln to 4 ln divided, hike & bike trail	11	15	\$9,520,000		2025		
C45-05	N/A	W Avenue B Phase 2	Courtney Ln to Bermuda St	Expand to 2 ln WB, 1 ln EB, CLT, 11' shared use path	13	17	\$15,153,600		2027		
K30-23	N/A	Jasper Dr overpass	Daisy Dr to S 2nd St	Widen to 8 ln	14	18	\$27,583,528		TBD		
K40-11	N/A	W S Young Dr	Illinois Ave to Elms Rd	Access management	15	19	\$15,680,000		TBD		Regionally Significant Unfunded List: \$530,942,577
K40-24	N/A	Featherline Rd	Stagecoach Rd to Chaparral Rd	Widen to 4 CLT with roundabouts at Stagecoach and W S Young	17	21	\$8,832,748		TBD		
B45-12	N/A	IH-35 @ IH-14 Interchange Safety	Connell St to E Ave H	Add messaging boards, striping, improve pavement, other safety improvements	18	22	\$2,016,000		TBD		
H15-01	N/A	FM 3423 (Indian Trail Dr)	IH-14 to BUS US 190 (VMB)	Add center turn lane, 6' sidewalk both sides	19	23	\$6,570,928		2026		
W25-02	0184-02-056	SH 36	SH 317 to Lake Belton Bridge	Widen from 2 ln to 4 ln divided	21	24	\$44,800,000		TBD		
W35-04	0836-03-069	FM 439	Roy Reynolds Dr to FM 3219	Widen from 2 ln to 4 ln CLT	22	26	\$13,440,000		2045		
C45-08	N/A	BUS 190 Phase 2b	Leonard Rd to Robertson Ave	Remove CLTto change to 4D with median, 11' shared use path, 6' sidewalk	23	27	\$5,264,000		2027		
W35-03	N/A	SH 195	FM 3470 to Chaparral Rd	Expand to 4 FRWY with FRTG	24	28	\$58,744,000		TBD		
B40-10	N/A	FM 1670	IH-14 to Three Creeks Blvd	Widen 2 ln to 4 ln, 10' shared use path	25	29	\$6,320,563		TBD		
K40-16	N/A	E Trimmier Rd	Stagecoach Rd to Chaparral Rd	Widen to 5 lanes - assume 4 CLT	26	30	\$6,772,640		TBD		
H45-01	N/A	E FM 2410 (Knight's Way) Phase 1	Cedar Knob Rd to Warriors Path	Widen 2 ln to 4 ln CLT	27	31	\$6,392,512		2026		
B40-07	N/A	Connell St	IH-14 to Loop 121	Widen 2 ln to 4 ln with raised median, 10' shared use path, 5' sidewalk	28	32	\$8,400,000		TBD		
K40-17	N/A	W Trimmier Rd	Stagecoach Rd to Chaparral Rd	Widen to 4 CLT	29	33	\$7,698,684		TBD		
C45-07	N/A	BUS 190 Phase 2a	Georgetown Rd (FM 116) to Leonard Rd	Remove CLTto change to 4D with median, 11' shared use path, 6' sidewalk	30	34	\$11,312,000		2026		
D40-01	N/A	N Waco Rd (Old US 81)	W Main St to Big Elm Rd	Widen to 2 CLT, 12' shared use path	31	35	\$16,240,000		2023		
T45-15	N/A	Outer Loop East	IH-35 to FM 93	New construction 4 ln divided, hike & bike trail	32	36	\$82,880,000		2025		
H45-03	3409-01-007	FM 3481 (Stillhouse Lake Rd) Phase 1	Prospector Trail to Proposed Chaparral Rd intersection	Widen 2 ln to 4 ln CLT	34	37	\$7,276,640		2040		
W35-08	N/A	FM 93	FM 1741 to SH 36	Widen from 2 ln to 4 ln with median, grade separated at RR crossing	35	38	\$59,360,000		TBD		
H30-01	N/A	BUS US 190 (Veterans Memorial Blvd)	N Roy Reynolds Rd to IH-14	Reduce to 2 ln, 10' sidewalks both sides	37	39	\$9,296,000		2035		
B40-08	N/A	Sparta Rd	Loop 121 to Dunns Canyon Rd	New construction right turn lane Loop 121 to school, 10' path Tiger Dr to Dunns	38	40	\$1,680,000		TBD		
C45-03	N/A	Courtney Ln	Fairbanks St to N 1st St (FM 116)	Add a center turn land, 10' shared use path, 6' sidewalk	39	41	\$4,631,200		2023		
W30-21	N/A	Loop 363 Intersection	LP 363 @ FM 2305	Reconstruct the interchange	40	42	\$22,400,000		TBD		

C45-09	N/A	BUS 190 Phase 2c	Robertson Ave to E Ave D	Remove CLT to change to 4D with median, 11' shared use path, 6' sidewalk	42	43	\$9,689,120		2027		Regionally Significant Unfunded List: \$530,942,577
C45-06	N/A	Big Divide Rd Phase 1	Colorado Dr to W Ave B (FM 1113)	Expand to 4 CLT, 6' sidewalk both sides	43	44	\$13,552,000		2025		
B40-09	N/A	Avenue D West	Near Kennedy Ave to Wheat Rd	New construction 2 ln 10' shared use path	44	45	\$5,508,720		TBD		
B45-10	N/A	Southwest Parkway South	Loop 121 to Shanklin Rd W	New construction 3 ln, 10' shared use path, 5' sidewalk	45	46	\$6,272,000		TBD		
N40-07	N/A	Warrior's Path Extension Phase 1	Old Nolanville Rd to IH-14	New construction 2 ln	47	47	\$6,387,646		2027		
H45-02	N/A	E FM 2410 (Knight's Way) Phase 2	Warriors Path to Rummel Rd	Widen 2 ln to 4 ln CLT	48	48	\$6,354,320		2030		
B30-02	N/A	Shanklin Rd W Outer Loop	E end of Three Creeks Subdivision to IH-35	New construction 4 ln 10' shared use path	49	49	\$13,238,400		TBD		
N40-06	N/A	Railroad Crossing Safety	RR Crossings @ Pleasant Hill Rd, N 5th St, Main St, & Jackrabbit Rd	Upgrade RR crossings	50	50	\$903,578		2021		
B45-11	N/A	Shanklin Rd N-S	Loop 121 to Shanklin Rd E-W	New construction 3 ln, 10' shared use path, 5' sidewalk	51	51	\$6,720,000		TBD		
B30-03	N/A	Belton Outer Loop East	IH-35 @ Shanklin Rd to FM 436	New construction 2 ln, 10' shared use path	52	52	\$13,507,200		TBD		
B45-09	N/A	Toll Bridge Rd	Elmer King Rd to Shanklin Rd	Widen to 4 ln collector, 10' shared use path	53	53	\$10,080,000		TBD		
B40-02	N/A	Southwest Parkway North	Loop 121 to Huey Dr	Widen to collector and extend, 5' sidewalk both sides	54	54	\$1,579,200		2024		
N40-12	N/A	Paddy Hamilton Rd/Jackrabbit Rd	IH-14 @ Paddy Hamilton Rd to IH-14 @ Jackrabbit Rd	Widen roads with shoulders	55	55	\$7,022,400		2024		
N45-01	N/A	FM 439 Spur	IH-14 to Lonesome Oak Dr	Add traffic light and turn lane	56	56	\$1,310,400		2022		
B30-01	N/A	George Wilson Rd extension	FM 93 to FM 439	New construction 2 ln, 10' shared use path	57	57	\$1,553,422		TBD		
B45-08	N/A	Mesquite Rd	IH-35 to Shanklin Rd	Widen to collector and extend, 5' sidewalk both sides	58	58	\$5,936,000		TBD		
H30-03	N/A	FM 3219	BUS US 190 (VMB) to FM 439	Widen from 2 ln to 4 ln divided and elevate, 6' sidewalks on both sides	59	59	\$15,320,256		2050		
H40-03 <sup>6</sup>	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	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	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	—	
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	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	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	--	
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	—	
W30-06	N/A	Killeen Airport Entrance	SH 201 at Killeen Airport Entrance	Construct interchange	N/A	N/A	N/A		N/A	EJ, H	
H30-05c	N/A	Warriors Path Upgrade Phase 3	Nolan Middle School to Old Nolanville Rd (northern limit)	Upgrade existing roadway and sidewalks; add traffic signal at Old Nolanville Rd	N/A	N/A	\$9,150,700		N/A	No	

TRANSPORTATION CHOICES/LIVABILITY PROJECTS											
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost <sup>2</sup>		Estimated Let Date <sup>3</sup>	Environmental Considerations <sup>4</sup>	Funding <sup>5,6</sup>
K45-04	N/A	Veterans Memorial Blvd	Ft Hood St (SH 195) to WS Young Dr	Construct 6' wide concrete sidewalk, pedestrian signals, ADA ramps and crosswalks.	7	8	\$3,360,000		TBD		Category 9: Years 5-10 Short Range Allocations: \$18,934,384 UTP 10-Year Fiscal Constraint: \$254,490,702 Available: -\$299,133
T40-13b	0909-36-173	Georgetown Railroad Trail Phase 2	Leon River to S 31st St (FM 1741)	Construct 10 ft wide hike/bike trail	8	9	\$2,607,360		2025		
K45-02	N/A	Killeen-Ft Hood Regional Trail	W Elms Rd @ Robinett Rd to Clear Creek Rd (SH 201)	Construct a 10'-12' wide concrete sidewalk/trail.	4	6	\$8,400,000		TBD		
B45-05	N/A	Commerce/Industrial SUP	Sparta Rd to SH 317	Construct 10 ft wide shared use path on east side of Commerce St and north side of Industrial Park Rd	5	7	\$1,381,333		TBD		
B45-07	N/A	Avenue H Sidewalk/Road Improvements	Saunders St to S Pearl St than north to W Ave D	Construct 5' sidewalk on north side of Ave H, reconstruct roadway and widen to 2 lanes with curb and gutter	9	10	\$1,232,000		TBD		
B45-04	N/A	Beal Street Sidewalk	E 24th Ave to Downing St	Construct 5' sidewalk on east side from E. 24th Ave to Downing St, construct 5' sidewalk on both sides	10	11	\$644,000		TBD		Category 9 Funding: Years 11-25 Long Range Allocations: \$24,603,088 MTP Long Range Fiscal Constraint: \$41,600,000 Available: \$16,996,912
T45-02	N/A	Downtown Sidewalks - 1st and 3rd Street	Mayborn Civic Center to Ave A	Construct and repair sidewalks with ADA-compliance ramps, crosswalks and landscaping	11	12	\$3,046,400		2025		
B45-01	N/A	Belton's Georgetown Rails to Trails SUP	E Ave B to Leon River Bridge	Construct 10 ft. wide shared use path to connect KTMPO projects B40-05 and T40-13	12	13	\$2,352,000		TBD		
N40-11	N/A	Nolan Creek Trail	Bridge on Old Nolanville Rd to Levy Crossing	Construct 10 ft multi-use trail boarding Nolan Creek	13	14	\$1,691,152		2025		
B45-06	N/A	Central Avenue Sidewalk	Main St (SH 317) to Pearl St	Replace sidewalk along W. Central Ave with 5' wide ADA compliant sidewalk on north side of Central Ave	14	15	\$476,000		TBD		
T45-03	N/A	Downtown Sidewalks - East Central	Martin Luther King Jr Dr to N 22nd St	Construct 6 ft wide sidewalks, repair existing sidewalks with crosswalks and landscaping	15	16	\$672,000		2025		
T25-05	N/A	FM 2271 Trail	FM 2305 to Miller Springs Nature Area	Construct 8 ft wide trail	16	17	\$1,064,000		2025		
T45-09	N/A	Apache Drive Sidewalk	West Adams Ave to Gila Trail	Construct 6 ft. wide sidewalks and crosswalks	17	18	\$436,837		2025		
S45-04	N/A	Thomas Arnold Road Sidewalks	Salado School Rd to IH-14	Construct ADA accessible concrete sidewalks.	18	19	\$259,728		2025		
S45-06	N/A	Salado School Road Sidewalks	Thoomas Arnold Rd to W Village Rd	Construct ADA accessible concrete sidewalks.	20	20	\$299,376		2025		
N40-09	N/A	Pleasant Hill Bike Lanes	600 ft N of Wayne Dr to IH-14	Construct Class 2, buffered on-street bike lane	21	21	\$856,800		2025		
S45-05	N/A	West Village Road Sidewalks	Thomas Arnold Rd to Williams Rd	Construct ADA accessible concrete sidewalks.	22	22	\$521,360		2025		
N40-13	N/A	Wildwood Trail	Lonesome Oak Dr to Ave I	Construct an 8 ft. wide multi use trail	23	23	\$952,000		2025		
S45-02	N/A	Salado Creek Crossing Project	Pace Park to Royal Street	Construct a stone path across the Salado Creek that would connect the north and south sides	24	24	\$318,102		2025		
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	—	Unscored/Unfunded List
S40-04b	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	\$2,223,044		N/A	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	\$1,300,000		N/A	EJ, ARZ	



TRANSIT PROJECTS											
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost <sup>2</sup>		Estimated Let Date <sup>3</sup>	Environmental Considerations <sup>4</sup>	Funding <sup>5,6</sup>
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	
GROUPED PROJECTS											
Short Range Funded (2019-2028)											
KTMPO ID	Project Name		Description			Funding					
G01-PE	Preventative Projects		Various Locations	Grouped CSJ Placeholder		Short Range Funding: \$165,803,999					
G03-MT	Maintenance Projects		Various Locations								
G04-BR	Bridge Projects		Various Locations								
G06-SA	Safety Projects		Various Locations								
Long Range Funded (2029-2045)											
KTMPO ID	Project Name		Description			Funding					
G01-PE	Preventative Projects		Various Locations	Grouped CSJ Placeholder		Long Range Funding: \$295,989,993					
G03-MT	Maintenance Projects		Various Locations								
G04-BR	Bridge Projects		Various Locations								
G06-SA	Safety Projects		Various Locations								

Notes:

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

<sup>2</sup>Note: Estimated Cost shows the **approved construction amount** for each project covered by federal and state sources. Categories 2 & 9SRTS are 100% covered by these sources, Categories 7 & 9TAP are 80% covered by these sources. See latest KTMPO TIP for full project financial information.

<sup>3</sup>Estimated Let Date for TIP projects based on latest information provided by TxDOT and the project sponsor. For Long Range projects, the date listed was provided by the sponsor when they submitted the project.

<sup>4</sup>Environmental considerations is based on the environmental conditions when that project was selected for funding and/or when project was submitted to KTMPO. Use key below for identification purposes.

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

\*Note - for full information and details regarding the project selection process, project ranking discussions, determination of project funding, and any other topic please visit the KTMPO website (www.ktmpo.org) and search the meeting minutes and/or meeting recording files. The information provided here is for informational purposes only and is subject to frequent change.

MTP Amendment Dates

July 17, 2019\*

September 18, 2019\*

October 23, 2019

February 19, 2020\*

April 15, 2020

September 16, 2020

January 13, 2021

April 21, 2021\*

July 21, 2021

September 22, 2021

January 19, 2022

March 16, 2022\*

July 20, 2022\*

<sup>5</sup>Fiscal 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

<sup>6</sup>**Funding/Fiscal Constraint Notes (Cat 2, 7, 9):**  
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 <sup>5</sup>)

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 exhausted, 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 7 and Category 9 funding estimates.  
Projects in the Roadway Track are allocated funding from the latest Category 2 and Category 7 funding estimates.

Current UTP Estimates by Category (2021-2030):  
Category 2 - \$189,232,733  
Category 7 - \$61,317,869  
Category 9 - \$3,940,100

Current MTP Estimates by Category (2030-2045):  
Category 2 - \$115,800,000  
Category 7 - \$216,900,000  
Category 9 - \$41,600,000

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

August 22, 2022

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## 2045 Metropolitan Transportation Plan Project Listing

### MTP LET PROJECTS THAT ARE STILL ACTIVE

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	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	\$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	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	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	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	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	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	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	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	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	5	4	\$6,480,000	2018	Yes	N/A	
K40-27 <sup>1</sup>	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)	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	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	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	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	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	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	\$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	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	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	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	\$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	\$3,448,284	2018	No	EJ, ARZ	
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	2	11	\$6,200,000	2021	Yes	EJ, L, H	FY21 Cat 8 Allocation: \$6,200,000
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	4	4	\$10,420,000	2021	Yes	EJ	FY21 Cat 2M Allocation: \$10,000,000 FY21 Cat 10 Allocation: \$420,000
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	\$1,582,363	2021	No	EJ, P	FY21 Cat 9 TASA Allocation: \$1,582,363
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	14	5	\$30,800,000	2021	Yes	EJ, H, P	FY21 Cat 2M Allocation: \$30,800,000
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	2	2	\$1,913,044	2021	Yes	EJ, 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	6	3	\$1,247,042	2021	No	P	FY21 Cat 7 Allocation: \$1,247,042

**End of Packet**