



Technical Advisory Committee

**September 6, 2023
9:30 a.m.**

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Agenda



**Killeen-Temple Metropolitan Planning Organization
Technical Advisory Committee (TAC)
Wednesday, September 6, 2023**

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

Regular Meeting: 9:30 A.M.

Virtual Link: [KTMPO 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.8-11)*
 - a) Meeting Schedule;
 - b) Other Updates;
 - c) Air Quality.
4. **Action Item:** Regarding approval of minutes from the August 2, 2023 meeting. *(pg.14-16)*
5. **Discussion and Action Item:** Regarding the KTMPO TAC and Policy Board Meeting Schedule for FY2024. *(pg.18-19)*
6. **Discussion and Action Item:** Regarding Resolution 2023-08 supporting October 2023 as Walk to School Month. *(pg.22-23)*
7. **Discussion and Action Item:** Regarding initiation of public involvement for an amendment to the Congestion Management Process (CMP). *(pg.26)*
8. **Discussion Item:** Regarding updates on the KTMPO Workgroups. *(pg.28)*
9. **Discussion Item:** Regarding an update on the Safe Streets & Roads For All (SS4A) Grant. *(pg.30)*
10. **Discussion Item:** Regarding an update on the possible MPO Boundary Expansion. *(pg.32)*
11. **Discussion Item:** Regarding public input received through August 2023. *(pg.34-35)*
12. Member comments.
13. Adjourn.



Workshop - To Follow Regular Scheduled Meeting (If Needed)
AGENDA

1. Call to order.
2. Discussion on any KTMP O items (No action will be taken on items discussed).
3. Adjourn.

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Item 3:

Staff Update

Staff Update

a) Listed below are the upcoming KTMPPO meetings:

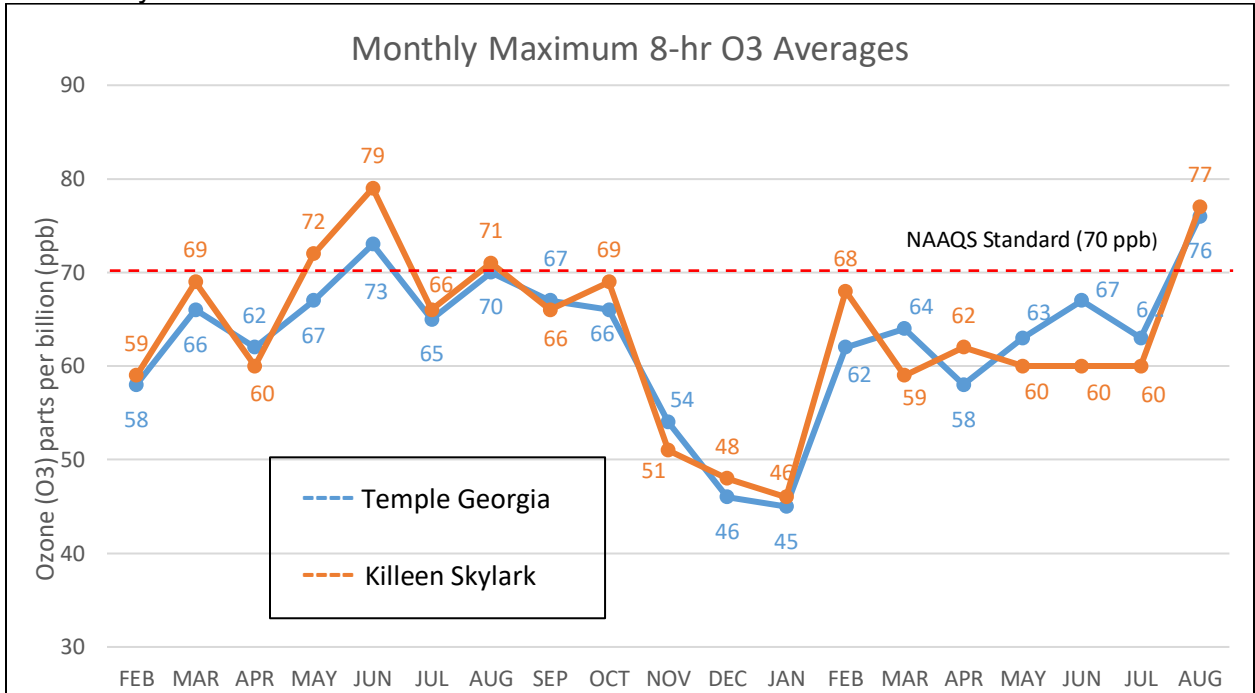
- September 6, 2023 – Technical Advisory Committee
- September 20, 2023 – Transportation Planning Policy Board
- September 27, 2023 – Bicycle and Pedestrian Advisory Committee
- October 4, 2023 – Technical Advisory Committee*
- October 18, 2023 – Transportation Planning Policy Board*
- October 27, 2023 – Freight Advisory Committee – 2:30pm
- November 1, 2023 – Technical Advisory Committee*
- November 15, 2023 – 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:

- 2024 TxDOT Unified Transportation Plan (UTP)
 - 10-year plan that guides the statewide development of transportation
 - Record \$100 billion plan was approved on August 16th
- 2023 KTMPPO Project Call/MTP Updates
 - The Project Call opened on Friday, September 1st
 - All applications due by Friday, October 27th
 - Questions about the call can be directed to James via email
 - Current MTP Update timeline included in this packet

c) Air Quality



Compliance with EPA Ozone Standard: 4th Highest Annual Value				3-year average (Calculated on Sept. 1, 2023)
	2021	2022	2023*	
Temple	67	67	67	67
Killeen	70	69	69	69

Action Needed: No action needed; for discussion only.

2050 MTP Development Schedule

August 2023

April 2023 – July 2023	Project Scoring Workgroup reviews and updates project scoring criteria.
July & August 2023	Prepare for 2050 MTP Call for Projects.
August 2 & 16, 2023	TAC & PB Review & approve updated KTMP Project Scoring Guidelines and Project Application Form.
August & September 2023	Solicitation and selection of consultant for objective scoring of MTP projects.
September 1, 2023	Open Call for Projects.
September 29, 2023	Submission deadline for questions pertaining to the Call for Projects.
October 4 & 18, 2023	Review of MTP Chapters 1-6.
October 27, 2023	Call for Projects submission deadline.
November 3, 2023	Project applications submitted to consultant for objective scoring; TAC/BPAC begin subjective scoring.
November 1 & 15, 2023	Comment submission for MTP Chapters 1-6; Review of MTP Chapters 7-12.
December 6, 2023	Q&A Workshop of Subjective Scoring following TAC meeting; Comment submission for MTP Chapters 7-12.
December 13, 2023	BPAC meeting (may review Livability subjective scores).
December 15, 2023	Objective scoring of projects completed; TAC/BPAC subjective scores due to KTMP staff.
January 5, 2024	Final objective/subjective project scores and ranking sent to PB/TAC/BPAC; Request questions regarding scores for January/February meetings.
January 10 & 24, 2024	Presentation and workshop regarding project scores; Discussion and approval of bonus points; Discussion of project prioritization; TAC & PB review the FY25-28 TIP development timeline.

February 7 & 21, 2024	Continued discussion and approval of project priority rankings; Discussion of funding allocations; Staff prepares funding scenarios; TAC & PB review the draft FY25-28 TIP.
March 6 & 20, 2024	Presentation of funding scenarios; Continued discussion and approval of funding allocations; TAC & PB approve a funding scenario and the draft FY25-28 TIP; Begin public involvement for FY25-28 TIP and 2050 MTP Project Listing.
March 25 – April 23, 2024	Public involvement for the FY25-28 TIP (30d) and 2050 MTP Project Listing.
May 1 & 15, 2024	TAC & PB approve draft FY25-28 TIP and 2050 MTP Project Listing; Final Review of Draft 2050 MTP; Begin public involvement for Draft 2050 MTP.
May 20 – June 18, 2024	Public involvement for Draft 2050 MTP.
June 2024	KTMPPO submits FY25-28 TIP to TxDOT.
July 10 & 17, 2024	Adoption of 2050 MTP.

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Item 4:

Meeting Minutes



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

Wednesday, August 2, 2023
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	Jason Deckman – City of Temple
Bobby Lewis – City of Copperas Cove	Darrell Burtner – Hill County Transit District
Kristina Ramirez – City of Harker Heights	Jodie Kelly for Jason Scantling – TxDOT Brownwood District*
Andrew Zagars for Kent Cagle – City of Killeen	

Non-Voting Members

Brigida Gonzalez – TxDOT TPP MPO Coordinator*
Gene Roberts – Fort Cavazos
Kara Escajeda – Nolanville
Michael Yates – TxDOT Belton Area Engineer*

Additional Attendees

Ryan Haverlah – City of Copperas Cove	Uryan Nelson – KTMPO Director
Rene Ochoa – City of Gatesville*	James McGill – KTMPO
Ryan Graves – Kimley-Horn*	Hope Davis – KTMPO
	Anita Janke – KTMPO
	Kendra Coufal – KTMPO*

**Denotes online attendee*

Meeting Minutes:

- 1. Call to Order:** Uryan Nelson called the meeting to order at 9:37 a.m.
- 2. Opportunity for Public Comment:** No comments were made by the public.
- 3. Staff Update:** Meeting Schedule; Other Updates; Air Quality.

Uryan Nelson informed the TAC of upcoming and tentative KTMPO meetings through October. Mr. Nelson updated the TAC on TxDOT annual traffic counts for the Waco District happening August 7th through the 24th. James McGill shared how TxDOT traffic counts can be viewed and noted that these counts will not

be available until June. Maximum ozone air quality readings for the month of June were 63 parts per billion (ppb) at the Temple station and 60 ppb at the Killeen station.

4. Action Item: Approve minutes from the July 12, 2023, meeting.

Bobby Lewis made a motion to approve the July 12, 2023 meeting minutes with corrections on attendees present, seconded by Jason Deckman the motion passed unanimously.

5. Discussion Item: Regarding revisions to the KTMPO Call for Projects Application Form & Scoring Guidelines.

James McGill presented the updated KTMPO Project Scoring Guidelines and updated Call for Projects Application Form. Mr. McGill highlighted the changes to the scoring guidelines. These changes include combining similar subjective criteria together and removing other criteria completely. Mr. McGill noted that the main reason for reducing the number of criteria is to reduce the burden on TAC during project scoring. Mr. McGill also stated that less subjective criteria would make objective criteria more valuable and noted that no project came close to receiving all subjective points during the last project call.

Kristina Ramirez asked about how letters of support would be scored if the local support criteria was removed. James McGill mentioned that projects can still gain points in other subjective criterion based on the information in letters of support and that staff believes the submitting entity should determine how important projects are instead of scoring entities. Jason Deckman asked about the possibility of including BPAC more into the ranking process of the Livability Projects.

Mr. McGill noted two other changes that roadway projects would be split into two rankings (Major Roadway & Minor Roadway) after scoring and that projects where additional match above the required 20% are eligible for 1 bonus point via a vote from TAC.

Jason Deckman made a motion to recommend approval of the KTMPO Project Application Form & Scoring Guidelines with revisions to the scoring guideline to formalize BPAC's inclusion, seconded by Kristina Ramirez the motion passed unanimously.

6. Discussion and Action Item: Regarding the 2023 KTMPO Call for Projects dates.

James McGill shared that staff is proposing to open the KTMPO Call for Projects on September 1, 2023, with a submission deadline of October 13, 2023. Mr. McGill mentioned that this gives a six-week period to submit projects.

TAC discussed the timeline for applications being too short with some entities needing prior approval from their City Council's to submit grant applications for projects and handling end of the fiscal year items during this time period. Kristina Ramirez and Andrew Zagars suggested that the submission deadline be pushed back two weeks to October 27, 2023.

Andrew Zagars made a motion to recommend approval of the 2023 KTMPO Call for Project dates with the revision to move the submission deadline to October 27, 2023, seconded by Bobby Lewis; the motion passed unanimously.

7. Discussion Item: Regarding updates on the Bylaws, Safety, and Project Scoring Workgroups.

Uryan Nelson updated the TAC on the status of the Bylaws working groups. Mr. Nelson mentioned that the Bylaws working group meet following the Policy Board meeting on June 21, 2023. Mr. Nelson provided

information about the Bylaws discussion and that recommendations will be provided following TAC meeting. James McGill shared that the Safety Workgroup will meet for the first time after the meeting.

8. Discussion Item: Regarding an update on the Safe Streets & Roads For All (SS4A) Grant.

Uryan Nelson shared that KTMPO's grant agreement with FHWA has been fully executed grant and that 3 RFP proposals were received. Mr. Nelson noted that the CTCOG and KTMPO officers will be meeting later to select a consultant and that match requirements will need to be revised since cost estimates came in consultants submitted being much lower than expected. Mr. Nelson also informed the TAC that if any discussion related to SS4A needs to be documented and submitted to the KTMPO to be used as in-kind match requirement.

9. Discussion Item: Regarding an update on the possible MPO Boundary Expansion.

Uryan Nelson shared that there are currently no new updates on the possible MPO Boundary Expansion.

10. Discussion Item: Regarding public input received through July 2023.

James McGill shared that TxDOT shared an email with KTMPO from a citizen requesting a loop and more sidewalks/bike lanes in the region.

11. Member Comments: No member comments

12. Adjourn: The meeting adjourned at 10:35 a.m.

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

Uryan Nelson, KTMPO Director

Item 5:
KTMPO FY24 Meeting
Schedule

KTMPO TAC and Policy Board Meeting Schedule for FY2024

Included in the meeting packet is a proposed meeting schedule for FY2024.

- TAC typically meets on the 1st Wednesdays of the month
 - January 3, 2024 meeting moved back to January 10, 2024
 - July 3, 2024 meeting moved back to July 10, 2024
- Policy Board typically meets on the 3rd Wednesdays of the month
 - December 20, 2023 meeting moved up to December 13, 2023
 - July 17, 2024 meeting been moved back to July 24, 2024
- 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 KTMPO TAC and Policy Board meeting schedule for FY2024.

FY 2023

KTMPO Meeting Calendar

TAC typically 1st Wednesday of Month

TPPB typically 3rd Wednesday of Month

October '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				

November '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		

December '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						

January '24						
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 '24						
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		

March '24						
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 '24						
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 '24						
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 '24						
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 '24						
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 '24						
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 '24						
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 2023-08

Resolution 2023-08 Supporting October 2023 as Walk to School Month

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 creates safer routes for students to walk and bike to school. This year, Walk to School Day will occur on Wednesday, October 4th.

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 2023 as Walk to School Month and October 4, 2023 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 2023-08 supporting October 2023 as Walk to School Month and October 4, 2023 as Walk to School Day



RESOLUTION NO. 2023-08

A RESOLUTION OF THE KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION PROCLAIMING THE MONTH OF OCTOBER 2023 AS WALK TO SCHOOL MONTH AND OCTOBER 4, 2023 AS WALK TO SCHOOL DAY

WHEREAS; The International Walk to School Committee has declared October 2023 as International Walk to School Month and October 4, 2023 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 2023 as Walk to School Month and October 4, 2023 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 20th day of September 2023 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:

Judge Roger Miller, KTMPPO TPPB Chair

Uryan Nelson, KTMPPO Director

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Item 7:

**Public Involvement for
Amendment to the CMP**

Congestion Management Process (CMP) Amendment

Background

KTMPO's received one corrective action request during the 2022 Federal Certification Review (FCR) to amend the CMP in order to account for the effect of added capacity projects on the congestion network.

KTMPO staff have been working with the Texas A&M Transportation Institute (TTI) to gather appropriate data for 10 added capacity projects that have been constructed since 2016 and provide an analysis of those projects' effects in response to the FCR finding. The analysis has been compiled into a draft appendix to be added to the current CMP.

Amendments to KTMPO plans are required to undergo a 15-day public comment period with one public hearing during that period.

Schedule:

- **September 6, 2023 – TAC considers recommending initiation of public involvement for an amendment to the CMP;**
- September 20, 2023 – TPPB considers initiation of public involvement for an amendment to the CMP;
- September 25, 2023 – October 9, 2023: 15-Day Public Comment Period.
- October 4, 2023 – Public Hearing: TBD
 - Virtual Meeting Link: [Click Here](#)
 - Call in number: +1 (224) 501-3412; Access Code: 938-515-829
- October 4, 2023 – TAC considers recommending approval of an amendments to the CMP;
- October 18, 2023 – TPPB considers approving an amendments to the CMP.

Action Needed: Consider recommending initiation of public involvement for an amendment to the Congestion Management Process (CMP).

Item 8:
KTMPO Workgroups
Update

Bylaws, Safety, and Project Scoring Working Groups

Standing item to provide updates on the KTMPO Bylaws, Safety, and Project Scoring workgroups.

Action Needed: No action needed; for discussion only.

Item 9:
SS4A Grant Update

Safe Streets & Roads For All (SS4A) Grant Update

Standing agenda item for staff to provide updates on the CTCOG-KTMPO-Coryell County Joint SS4A Grant.

- TxDOT Safety Task Force

Action Needed: No action needed; for discussion only.

Item 10:
MPO Boundary Expansion

Possible MPO Boundary Expansion Update

Standing agenda item for staff to provide updates on the possible expansion of the MPO Boundary to include all of Coryell and Lampasas Counties.

Action Needed: No action needed; for discussion only.

Item 11:
Public Comment 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.



KTMP Public Comments

FY23

Date	Name	Means of Public Comment	Public Comment	Date Comment First Presented to TAC/TPPB	Public Comment Topic	Jurisdiction
8/20/2023	JeremytheSmith	YouTube Emerging Transportation Technology Presentation: High-Speed Study Findings & The Potential for High-Speed Transportation Along IH-35 Corridor (TPPB 8.16.2023)	I can't believe they're wasting time considering "hyperloop". The feasibility of it has been completely debunked. See: https://www.youtube.com/watch?v=RNfesa01llk Instead, they should be just focusing on true High-Speed rail as offered by Japan's Shinkansen technology.	9/6/2023	Emerging Technology	General

KTMPO Meeting Attendance

KTMO TPPB Meeting Attendance											
Entity	Name	11/14/2022	12/14/2022	1/18/2023	2/15/2023	4/19/2023	5/17/2023	6/21/2023	7/19/2023	8/16/2023	9/20/2023
Belton	Councilmember David Leigh	P	M	M	M	M	M	P	M	P	
Copperas Cove	Mayor Dan Yancey	-	P	P	-	P	P	P	P	P	
Harker Heights	Mayor Spencer H. Smith	P	M	M	P	M	P	-	-	-	
Harker Heights	Mayor Michael Blomquist	-	-	-	-	-	-	M	M	M	
Killeen	Councilmember Riakos Adams	P	M	M	M	M	-	-	M	M	
Killeen	Councilmember Ramon Alvarez	-	M	M	M	-	M	-	-	-	
Killeen	Councilmember Michael Boyd	P	M	P	-	-	-	-	-	-	
Temple	Mayor Tim Davis	P	M	M	M	M	M	M	M	M	
Temple	Councilmember Susan Long	M	M	M	M	M	M	M	M	M	
Bell County	Judge David Blackburn	-	-	P	-	P	P	P	-	-	
Bell County #2	Anthony Woolstrum	M	-	M	-	M	-	-	-	-	
Coryell County	Judge Roger Miller	-	M	M	M	M	M	M	M	M	
Lampasas County	Bobby Carroll	-	-	-	-	-	-	-	-	-	
TxDOT Waco District	Stan Swiatek	P	-	P	P	P	-	M	P	P	
TxDOT Brownwood District	Greg Cedillo	-	-	M	M	P	-	-	O	-	
HCTD	Darrell Burtner	P	M	M	M	M	P	M	M	M	

Attendance Legend	
Member	M
Proxy	P
Online	O
Not Present	

KTMO TAC Meeting Attendance											
Entity	Name	11/2/2022	12/7/2022	1/11/2023	2/8/2023	4/12/2023	5/3/2023	6/7/2023	7/12/2023	8/2/2023	9/6/2023
Belton	Bob Van Til	M	M	M	M	M	M	M	M	M	
Bell County	Bryan Neaves	M	M	M	M	M	M	M	M	-	
Copperas Cove	Bobby Lewis	M	-	M	M	M	M	-	M	M	
Coryell County	Judge Roger Miller	M	M	M	-	-	M	M	M	M	
Harker Heights	Kristina Ramirez	M	P	P	M	M	M	M	M	M	
HCTD	Darrell Burtner	-	M	M	M	M	M	M	P	M	
Killeen	Kent Cagle	P	P	P	P	P	P	P	P	P	
Lampasas County	Bobby Carroll	-	-	-	-	-	-	-	-	-	
Temple	Jason Deckman	M	M	M	M	M	M	M	M	M	
TxDOT Waco District	Victor Goebel	M	M	M	P	M	M	M	P	-	
TxDOT Brownwood District	Jason Scantling	P	M	M	M	-	-	M	-	P	

Grant Opportunities

- **Reconnecting Communities and Neighborhoods Grant Program (RCN)**

Deadline: September 28, 2023

Description: The Department of Transportation is combining two major discretionary grant programs, the Reconnecting Communities Pilot (RCP) and Neighborhood Access and Equity (NAE) programs, into one Notice of Funding Opportunity (NOFO). Together, this combined program is known as the Reconnecting Communities and Neighborhoods (RCN) Program. The primary goal of the NAE Program is to assist economically disadvantaged or underserved communities for planning and construction activities.

Funds for the fiscal year (FY) 2023 NAE grant program are to be awarded on a competitive basis to support planning, capital construction, and regional partnership activities that aim to restore community connectivity through the removal, retrofit, mitigation or replacement of highways, roadways, or other infrastructure facilities that create barriers to mobility, access or economic development.

The RCN NOFO solicits grant applications for the Reconnecting Communities Pilot discretionary grant program, established by the Bipartisan Infrastructure Law (BIL), and for the newly created Neighborhood Access and Equity discretionary grant program, established by the Inflation Reduction Act (IRA).

Under the combined RCN Program, USDOT offers three grant types:

Capital Construction

Community Planning

Regional Partnerships Challenge

- **Community Planning Grants**

Description: These grants support planning activities for future construction projects and innovative community planning to address local transportation challenges. Eligible activities include public engagement, feasibility studies, and other planning efforts. Up to \$50 million of RCP funds and \$135 million of NAE funds are available for community planning grants in FY 2023.

Estimated Funding Available: \$185 Million

[Click Here](#) for more information

- **Capital Construction Grants**

Description: These grants fund projects aimed at removing, retrofitting, mitigating, or replacing existing transportation facilities that create barriers to community connectivity. The projects should focus on improving access, reducing environmental harm, and enhancing transportation infrastructure. Up to \$148 million of RCP funds and \$2.57 billion of NAE funds are available for eligible construction activities in FY 2023.

Estimated Funding Available: \$1.15 Billion

[Click Here](#) for more information

- **Regional Partnerships Challenge Grants**

Description: These grants support regional collaboration and innovation in addressing persistent regional challenges related to equitable access and mobility. Projects must involve two or more eligible applicants and demonstrate regional coordination, leveraging of resources, and policy alignment. Up to \$450 million of NAE funds are available for regional partnership grants in FY 2023.

Estimated Funding Available: \$450 Million

[Click Here](#) for more information

- **Diesel Emissions Reduction Act (DERA) Funding Program**

Deadline: December 1, 2023

Description: To address these diesel emissions and protect public health and air quality, EPA is authorized under Diesel Emissions Reduction Act (DERA) to offer funding assistance to accelerate the upgrade, retrofit, and turnover of the legacy diesel fleet. The DERA program promotes an array of diesel emissions strategies by working with manufacturers, fleet operators, air quality professionals, environmental and community organizations and state and local officials to address the varying priorities of different regions and sectors.

Estimated Funding Available: \$115,000,000.00

Award Ceiling: \$4,500,000.00

[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>

KTMPO Contacts, Acronyms, and Terms

Chair:

Judge Roger Miller

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

Vice Chair:

Councilmember Susan Long

City of Temple
2 North Main St., STE 103
Temple, TX 76501
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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 (2023-2032) Projects with Allocated Funding as of July 2023 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 ¹	Prioritized List ¹	Estimated Cost ²	MPO Approved Funding	Estimated Let Date ³	Environmental Considerations ⁴	Funding ^{5,6}
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	\$127,770,036	\$62,014,000	2026		Allocation: \$149,510,900 FY23-26 UTP Fiscal Constraint: \$148,877,762
C45-02	3623-01-008	SH 9 Turnaround	SH 9 to Business 190	Construct an interchange turnaround from eastbound SH 9 to westbound Business 190	20	6	\$2,918,425	\$2,156,000	2025		
W35-07	0320-06-008	Loop 363	Lucius McCelvey Dr to Industrial Blvd	Expand to four lanes, add intersections at Lucius McCelvey Dr & Industrial Blvd	16	20	\$95,263,716	\$84,000,000	2026	H	
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	\$1,596,066	\$1,340,900	2023		

CATEGORY 4 PROJECTS (STATEWIDE CONNECTIVITY)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking ¹	Prioritized List ¹	Estimated Cost ²	Approved Funding	Estimated Let Date ³	Environmental Considerations ⁴	Funding ^{5,6}
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	\$127,770,036	\$52,734,000	2026		Allocation: \$54,734,000 FY23-26 UTP Fiscal Constraint: \$101,065,650
W35-07	0320-06-008	Loop 363	Lucius McCelvey Dr to Industrial Blvd	Expand to four lanes, add intersections at Lucius McCelvey Dr & Industrial Blvd	16	20	\$95,263,716	\$2,000,000	2026	H	

CATEGORY 7 PROJECTS (SURFACE TRANSPORTATION PROGRAM-METROPOLITAN MOBILITY)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking ¹	Prioritized List ¹	Estimated Cost ²	MPO Approved Funding	Estimated Let Date ³	Environmental Considerations ⁴	Funding ^{5,6}
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	2026		Allocation: \$38,647,758 (includes transit) FY23-26 UTP Fiscal Constraint: \$30,421,580
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	\$17,442,689	\$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 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	\$3,506,528	\$2,958,262	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, and adding a 6 ft sidewalk on the west side of the road.	36	8	\$5,455,014	\$3,581,020	2024	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 HMAC surface along Royal Street from Smith Branch Rd to FM 2268; install ribbon curb on both sides of the road and sidewalk on one side of the road	46	9	\$2,266,255	\$2,100,000	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		

MPO CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE PROGRAM)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking ¹	Prioritized List ¹	Estimated Cost ²	MPO Approved Funding	Estimated Let Date ³	Environmental Considerations ⁴	Funding ^{5,6}
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	2024	P	Allocation: \$1,419,180 FY23-26 UTP Fiscal Constraint: \$3,527,483
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 ¹	Prioritized List ¹	Estimated Cost ²	MPO Approved Funding	Estimated Let Date ³	Environmental Considerations ⁴	Funding ^{5,6}
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 10 PROJECTS (CARBON REDUCTION PROGRAM)											
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking ¹	Prioritized List ¹	Estimated Cost ²	MPO Approved Funding	Estimated Let Date ³	Environmental Considerations ⁴	Funding ^{5,6}
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	\$2,592,000	2024		Allocation: \$5,618,552 Fiscal Constraint: \$6,382,447
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	\$1,600,000	2024		
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	\$517,619	2024		
A45-03	0909-36-197	HCTD Micro Transit Technology	Hill Country Transit	Capital expenditures for technology, new fleet types, facilities planning, and wayfinding signage for transition to new Micro Transit services	N/A	N/A	\$1,136,166	\$908,933	2026		
CATEGORY 10 PROJECTS (SUPPLEMENTAL TRANSPORTATION PROGRAMS)											
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking ¹	Prioritized List ¹	Estimated Cost ²	MPO Approved Funding	Estimated Let Date ³	Environmental Considerations ⁴	Funding ^{5,6}
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	\$17,442,689	\$5,000,000	2023	P, H	Allocation: \$10,000,000 Fiscal Constraint: n/a
T35-36a	0320-01-074	Veterans Memorial Blvd Phase II	Ave O to 0.15 mi S of Ave U	Reconstruct and widen to a 4 lane divided arterial with curb & gutter, enhanced landscaping and lighting, sidewalks, and trails.	11	15	\$11,690,396	\$5,000,000	2026		
CATEGORY 3 LOCALLY FUNDED PROJECTS											
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking ¹	Prioritized List ¹	Estimated Cost ²	MPO Approved Funding	Estimated Let Date ³	Environmental Considerations ⁴	Funding ^{5,6}
C45-01	3623-01-004	Fort Hood Access Ramps	Old Georgetown Rd to BNSF Railway	Construct exit ramp from SH 9 to Tank Destroyer Blvd from and entrance ramp from Old Georgetown Rd to SH 9.	N/A	N/A	\$6,181,758	\$5,015,690	2026	—	Local Contribution (Cat 3) Allocation: \$14,966,738 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		
T35-36a	0320-01-074	Veterans Memorial Blvd Phase II	Ave O to 0.15 mi S of Ave U	Reconstruct and widen to a 4 lane divided arterial with curb & gutter, enhanced landscaping and lighting, sidewalks, and trails.	11	15	\$11,690,396	\$5,000,000	2026		
TRANSIT PROJECTS											
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking ¹	Prioritized List ¹	Estimated Cost ²	MPO Approved Funding	Estimated Let Date ³	Environmental Considerations ⁴	Funding ^{5,6}
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: \$127,015,545 *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 MTP 10 Year Short Range Fiscal Constraint: \$49,500,000 MTP Long Range Fiscal Constraint: \$405,700,000
G01-PE	Various CSJs	Preventative Projects	Various Locations	Various Descriptions	\$0						
G03-MT	Various CSJs	Maintenance Projects	Various Locations	Various Descriptions	\$83,664,398						
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											
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking ¹	Prioritized List ¹	Estimated Cost ²		Estimated Let Date ³	Environmental Considerations ⁴	Funding ^{5,6}
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		Categories 2, 7 Years 5-10 Short Range Allocations: \$140,806,400 UTP 10-Year Fiscal Constraint: \$298,473,423 Available: \$532,130 *Available = UTP constraint - TIP allocations - Short Range Cat 2, 7, 9 allocations
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	
C45-04	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	
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	Categories 2, 7 Years 11-25 Long Range Allocations: \$466,097,128 MTP Long Range Fiscal Constraint: \$364,100,000 Available: -\$101,997,128
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		
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		TBD		
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 In 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 In, 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 In	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 In to 4 In 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 In 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 In, 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 In, 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 In 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 In, 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 In to 4 In divided and elevate, 6' sidewalks on both sides	59	59	\$15,320,256		2050		
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	Unscored/Unfunded List
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	
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	
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	
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	H	
K30-13b	0909-36-172	Chaparral Rd Phase 2	Chaparral @ E Trimmier Rd to Chaparral @ FM 3481	Widen from 2 to 4 lanes with a center turn lane and curb and gutter. Phase 2	N/A	N/A	\$6,459,248		N/A	—	
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	

TRANSPORTATION CHOICES/LIVABILITY PROJECTS											
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Ranking ¹	Prioritized List ¹	Estimated Cost ²		Estimated Let Date ³	Environmental Considerations ⁴	Funding ^{5,6}
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	0909-36-194	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 ¹	Prioritized List ¹	Estimated Cost ²		Estimated Let Date ³	Environmental Considerations ⁴	Funding ^{5,6}
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	

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

Notes:

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

²Note: 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.

³Estimated 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.

⁴Environmental 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 detials 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 infomration provided here is for informational purposes only and is subject to frequent change.

MTP Amendment Dates				
July 17, 2019*	April 15, 2020	July 21, 2021	July 20, 2022*	July 19, 2023
September 18, 2019*	September 16, 2020	September 22, 2021	December 14, 2022	
October 23, 2019	January 13, 2021	January 19, 2022	January 27, 2023*	
February 19, 2020*	April 21, 2021*	March 16, 2022*	Febraury 15, 2023	

* Administrative Amendments

⁵Fiscal 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

⁶**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 ⁵)

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 exhausteted, 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.

Porjects 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 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 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	\$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 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)	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 FY21 Cat 7 Allocation: \$1,913,044 FY21 Cat 7 Allocation: \$1,247,042
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	

End of Packet