



Transportation Planning Policy Board

**February 24, 2021
9:30 a.m.**

Agenda



**Killeen-Temple Metropolitan Planning Organization
Transportation Planning Policy Board (TPPB)**

Wednesday, February 24, 2021

Electronic Meeting: 9:30 A.M.

Please join meeting from your computer, tablet or smartphone.

<https://global.gotomeeting.com/join/773772437>

You can also dial in using your phone.

United States: [+1 \(224\) 501-3412](tel:+12245013412)

Access Code: 773-772-437

AGENDA

1. Call to Order.
2. Opportunity for Public Comment.
3. Staff Update (pgs. 5-7):
 - a) Advisory Committees;
 - b) 2045 MTP Reprioritization;
 - c) Air Quality.
4. **Action Item:** Regarding approval of minutes from January 13, 2021 meeting (pgs. 9-10).
5. **Discussion Item:** Resolution No. 2021-04 regarding Safety Performance Measures (pgs. 12-17).
6. **Discussion Item:** Resolution No. 2021-05 regarding Transit Asset Management/State of Good Repair Performance Measures (pgs. 19-41).
7. **Discussion Item:** Regarding proposed FY21 Special Studies (pgs. 43-44).
8. **Discussion Item:** Regarding public input received through January 2021 (pgs. 46-47).
9. Member comments.
10. Adjourn.

Item 3:

Staff Update

Staff Update

a) Listed below are the upcoming KTMPO meetings:

- March 3, 2021 – Technical Advisory Committee (electronic)
- March 17, 2021 – Transportation Planning Policy Board (electronic)
- April 7, 2021 – Technical Advisory Committee (electronic)
- April 13, 2021 – Bicycle Pedestrian Advisory Committee (electronic)
- April 21, 2021 – Transportation Planning Policy Board (electronic)

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

b) 2045 MTP Reprioritization

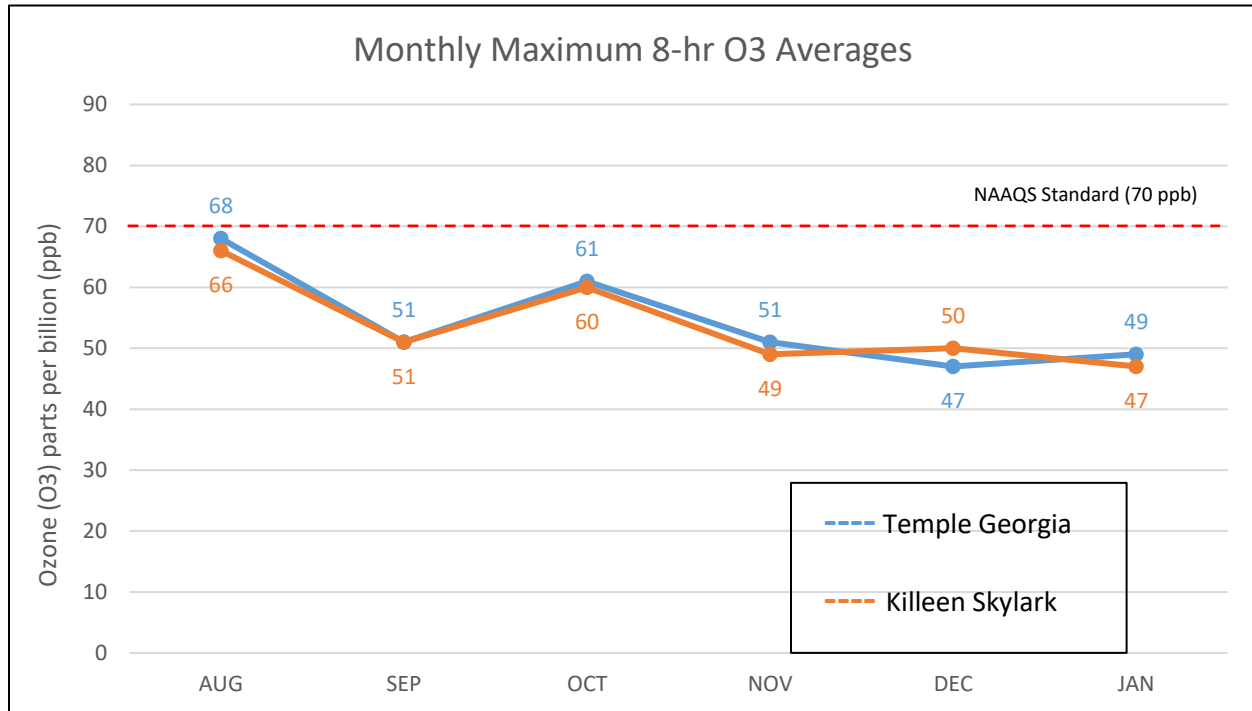
- A Subjective Scoring Q&A Workshop was held on January 27th.
- Objective Scores have been completed by KTMPO's consultant and sent to KTMPO.
- TAC Subjective Scores have been completed and were submitted to KTMPO on February 10th.
- An updated schedule is included on the following page.



2045 MTP Reprioritization Schedule

May 2019-May 2020	Evaluation and Development of MTP project scoring criteria.
July 2020	Development of task order and solicitation and selection of Consultant for Reprioritization of CMP Network Segments.
September 2020	Present updated Project Application Scoring Packet; Recommendation and approval of Project Application Scoring Packet; Recommendation and approval of MTP Reprioritization Schedule.
September 2020	Development of task order and solicitation and selection of Consultant for objective scoring of MTP projects.
October 1, 2020	Call for Projects opens.
October 30, 2020	Submission deadline for questions pertaining to the Call for Projects.
November 5-6, 2020	TxDOT review of on-system projects.
November 13, 2020	Call for Projects closes.
November 20, 2020	Project applications submitted to Consultant.
December 2020	Reprioritization of CMP Network Segments completed by Consultant; Initiate and conduct public involvement for reprioritized CMP segments.
January 13, 2021	Approval of Reprioritized CMP Network Segments; Virtual Project Bus Tour; TAC conducts subjective scoring on their own.
January 27, 2021	TAC Subjective Scoring Question & Answer Workshop.
January 31, 2021	Objective scores completed by Consultant.
February 10, 2021	TAC subjective scores due to KTMPO.
February 17, 2021	Cumulative Objective and Subjective scores sent to BPAC/TAC/PB; Request questions regarding scores for March meetings.
February 23, 2021	BPAC discussion of priority livability projects.
March 2021	Presentation of scoring results; Discussion of prioritization.
April 2021	Recommendation and approval of allocation of funds for Categories 2, 7, and 9 projects; Recommendation, approval and conducting of public involvement process for TIP and MTP Reprioritization amendments.
May 2021	Recommendation and approval of TIP and MTP Reprioritization amendments.

c) Air Quality



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

Action Needed: No action needed; for discussion only.

Item 4:

Meeting Minutes



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

Wednesday, January 13, 2021
9:45 AM

Electronic Meeting

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

Policy Board Voting Members Present

Chair Mayor Jose Segarra – City of Killeen
Vice-Chair Mayor Bradi Diaz – City of Copperas Cove
Mayor Tim Davis – City of Temple
Jason Deckman for Councilmember Susan Long –
City of Temple
Councilmember Debbie Nash-King – City of Killeen
Sam Listi for Councilmember David Leigh – City of
Belton

Councilmember Mellisa Brown for
Councilmember Steve Harris – City of Killeen
Judge Roger Miller – Coryell County
Victor Goebel for Stan Swiatek – TxDOT Waco
District
Jason Scantling for Elias Rmeili – TxDOT
Brownwood District
Darrell Burtner – Hill Country Transit District

Policy Board Non-Voting Members Present

Brian Dosa – Fort Hood

Others Present

Wayne Carpenter – City of Belton
Sam Listi – City of Belton
Bob van Til – City of Belton
MD Hossain – City of Killeen
Danielle Singh – City of Killeen
Kristina Ramirez – City of Harker Heights
Ryan Haverlah – City of Copperas Cove
Bobby Lewis – City of Copperas Cove
Brian Chandler – City of Temple
Kara Escajeda – City of Nolanville
Don Ferguson – Village of Salado

Brigida Gonzalez – TxDOT TPP
Brenton Lane – TxDOT Waco District
Liz Bullock – TxDOT Waco District
Allen Duncan – TxDOT Waco District
Erika Kunkel – TxDOT Waco District
Stephen Kasberg – TxDOT Bell County Engineer
Derek Czapnik – Hill Country Transit District
Keith Sledd -- HOTDA
Uryan Nelson – KTMPPO Director
Kendra Coufal – KTMPPO
James McGill – KTMPPO

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

Meeting Minutes

- 1. Call to Order:** Mayor Jose Segarra called the meeting to order at 9:45 a.m.
- 2. Opportunity for Public Comment:** No comments were made by the public.

3. Staff Update: Advisory Meetings; 2045 MTP Reprioritization Call for Projects; Air Quality.

Uryan Nelson informed PB of upcoming board and advisory committee meetings through March. Mr. Nelson stated that the 2045 MTP Reprioritization Call for Projects closed on November 13th with 59 roadway projects, 24 livability projects, and 1 transit project received. Air quality readings for the month of December were 47 ppb at the Temple station and 50 ppb at the Killeen station.

4. Action Item: Approve minutes from December 16, 2020 meeting.

Judge Roger Miller made a motion to approve the December 16, 2020 meeting minutes, seconded by Mayor Tim Davis; the motion passed unanimously.

5. Discussion and Action Item: Regarding approval of the Reprioritized Congestion Management Process (CMP) Network Segments list.

Kendra Coufal stated that the CMP Reprioritized Network Segments included in the packet were presented at the December Policy Board meeting by KTMPO's consultant. A 15 day public comment period was held with no comments received during the time.

Mayor Tim Davis made a motion to approve the Reprioritized CMP Network Segments list, seconded by Mayor Bradi Diaz; the motion passed unanimously.

6. Discussion and Action Item: Regarding approval of amendments to the FY21-24 Transportation Improvement Program (TIP) and 2045 Metropolitan Transportation Plan (MTP) for projects W35-01, W35-07, W40-04a(1), and B45-03.

Kendra Coufal informed the Board that all of these projects have gone out for public involvement and received TAC approval. Ms. Coufal stated that project B45-03, Belton 13th Ave Sidewalks most recently went out for public involvement and received approval from TAC earlier.

Councilmember Debbie Nash-King made a motion to approve amendments to the FY21-24 TIP and 2045 MTP for projects W35-01, W35-07, W40-04a(1), and B45-03, seconded by Sam Listi; the motion passed unanimously.

7. Discussion Item: Public input received through December 2020.

Public input received through December 2020 was presented to the TPPB. Three new comments were received at the public hearing for the Belton 13th Avenue Sidewalks project.

8. Member Comments:

No member comments.

9. Adjourn: The meeting adjourned at 9:54 a.m.

These meeting minutes were approved by the TPPB members at their meeting on _____.

Mayor Jose Segarra, Chair

Uryan Nelson, KTMPO Director

Item 5:

Resolution 2021-04

Safety Performance Measures

Safety Performance Measures

The Safety Performance Rule (PM1), found in 23 CFR 490.207(a1-5), establishes safety performance measures to address fatalities and serious injuries on roadways and is evaluated using Fatality Analysis Reporting System (FARS) and Vehicular Miles Traveled (VMT) estimates. This Rule is to better invest transportation funding for safety improvement projects in order to support safe roadway networks.

TxDOT sets safety performance targets for five federally required safety performance measures. These targets include:

- number of fatalities,
- fatalities per million miles traveled,
- number of serious injuries,
- serious injuries per million vehicle miles traveled, and
- number of non-motorized fatalities and non-motorized serious injuries.

In January 2018, January 2019, and February 2020, KTMPO Policy Board approved to support the State's safety performance measures.

In preparation for the annual target setting requirements, KTMPO has begun coordination efforts with TxDOT. Established targets from the State's Highway Safety Improvement Plan (HSIP) are included in the meeting packet for review. Similar to previous years, data for our region is limited and the reliability is questionable. Therefore, KTMPO recommends continuing to support the State's performance targets until sufficient data becomes available. The adoption of these performance measures will be captured in a Resolution declaring the State's targets as the safety targets for the region.

A tentative performance measure adoption schedule is provided below:

Schedule:

- February 3, 2021- TAC review of recommended performance measures.
- **February 24, 2021- TPPB review of recommended performance measures.**
- March 3, 2021- TAC recommends approval of performance measures.
- March 17, 2021- TPPB approves performance measures.

Action Needed: No action needed; for discussion only.



RESOLUTION NO. 2021-04

A RESOLUTION OF THE KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION ANNUAL ADOPTION OF TARGETS FOR SAFETY PERFORMANCE MEASURES ESTABLISHED BY THE TEXAS DEPARTMENT OF TRANSPORTATION.

WHEREAS; The Texas Department of Transportation has established targets for 5 Performance Measures based on five year rolling averages for:

1. Number of Traffic Fatalities;
2. Number of Serious Injuries;
3. Fatalities per 100 million Vehicle Miles Traveled (VMT);
4. Serious Injuries per 100 million VMT, and;
5. Number of Non-Motorized Fatalities and Non-Motorized Serious Injuries.

WHEREAS; the Texas Department of Transportation has officially adopted the safety targets in the Highway Safety Improvement Program annual report dated August 31, 2020, and has adopted identical safety targets as mentioned above and as set forth in the State Highway Strategic Plan (SHSP); and

NOW, THEREFORE, BE IT RESOLVED that the Killeen-Temple Metropolitan Planning Organization Transportation Planning Policy Board has agreed to adopt and support the Texas Department of Transportation targets for the five safety performance measures attached herein for 2021.

BE IT FURTHER RESOLVED that the Killeen-Temple Metropolitan Planning Organization Transportation Planning Policy Board will plan and program projects that contribute to the accomplishment of said targets.

PASSED AND ADOPTED on this 17th day of March 2021, 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:

Mayor Jose Segarra, KTMPO TPPB Chair

Uryan Nelson, KTMPO Director

Updated TxDOT Safety Targets

Attached are the very latest TxDOT targets. Of note, significant changes from previous TxDOT targets involving fatalities and fatality rate - a significant drop for these metrics in 2021 from previous years. This is a result of the Transportation Commission adopting a vision zero target of no fatalities by the year 2050. The 2021 reduction is a straight-line projection of that trend beginning in 2020. As a result, MPO's that previously chose to support TxDOT targets, should consider whether the vision zero target for fatalities and fatality rate makes sense for their respective regions.

TxDOT Target's that did not change, all of the other metrics: serious injuries, serious injury rate and non-motorized fatalities + serious injuries. Those targets still identify an increase for 2021.

MPOs across the state have begun and will continue to have conversations with policymakers and other stakeholders regarding safety metrics, what needs to happen to accomplish vision zero targets, and who else needs to be at the table.

FY2021 STRATEGIC HIGHWAY SAFETY PLAN (SHSP) PERFORMANCE TARGETS

Performance Measures and Target Setting – The Texas Transportation Commission (TTC) adopted Minute Order 115481 in May of 2019, directing the Texas Department of Transportation (TxDOT) to work toward the goal of reducing the number of deaths on Texas roadways by half by the year 2035 and to zero by the year 2050. TxDOT has modified its performance measures and target calculations accordingly.

Performance Targets:

Target: Total number of traffic fatalities

2021 Target: To decrease the expected rise of fatalities to not more than a five-year average of 3,687 fatalities in 2021. The 2021 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2017	3,732	FARS
2018	3,642	ARF
2019	3,610	CRIS
2020	4,068	Target
2021	3,384	Target
2021 Target expressed as 5-year average		3,687

As noted in the table above, the calendar year target for 2021 would be 3,384 fatalities.

Target: Total number of serious injuries

2021 Target: To decrease the expected rise of serious injuries to not more than a five-year average of 17,151 serious injuries in 2021. The 2021 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2017	17,538	CRIS
2018	14,937	CRIS
2019	15,843	CRIS
2020	18,602	Target
2021	18,835	Target
2021 Target expressed as 5-year average		17,151

As noted in the table above, the calendar year target for 2021 would be 18,835 serious injuries.

FY2021 STRATEGIC HIGHWAY SAFETY PLAN (SHSP) PERFORMANCE TARGETS

Target: Fatalities per 100 million vehicle miles traveled (MVMT)

2021 Target: To decrease the expected rise of fatalities per 100 MVMT to not more than a five-year average of 1.33 fatalities per 100 MVMT in 2021. The 2021 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2017	1.37	FARS
2018	1.31	ARF
2019	1.26	CRIS
2020	1.48	Target
2021	1.25	Target
2021 Target expressed as 5-year average		1.33

As noted in the table above, the calendar year target for 2021 would be 1.25 fatalities per 100 MVMT.

Target: Serious Injuries per 100 million vehicle miles traveled

2021 Target: To decrease the serious injuries per 100 MVMT to not more than a five-year average of 6.06 serious injuries per 100 MVMT in 2021. The 2021 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2017	6.42	CRIS
2018	5.30	CRIS
2019	5.53	CRIS
2020	6.56	Target
2021	6.51	Target
2021 Target expressed as 5-year average		6.06

As noted in the table above, the calendar year target for 2021 would be 6.51 serious injuries per 100 MVMT.

FY2021 STRATEGIC HIGHWAY SAFETY PLAN (SHSP)
PERFORMANCE TARGETS

Target: Total number of non-motorized fatalities and serious injuries

2021 Target: To decrease the expected rise of non-motorized fatalities and serious injuries to not more than a five year average of 2,316.40 non-motorized fatalities and serious injuries in 2021. The 2021 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2017	2,146	FARS-CRIS
2018	2,099	ARF-CRIS
2019	2,300	CRIS
2020	2,477	Target
2021	2,560	Target
2021 Target expressed as 5-year average		2,316.40

As noted in the table above, the calendar year target for 2021 would be 2,560 non-motorized fatalities and serious injuries.

Item 6:

Resolution No. 2021-05

Transit Asset

Management/State of Good

Repair Performance Measures

Transit Asset Management / State of Good Repair Performance Measures

The Transit Asset Condition Performance Rule, found in 49 CFR 625.43(a,b,c,d), establishes performance measures to assess the condition of regional transit networks as defined as State of Good Repair (SGR) and documented in a transit agency's Transit Asset Management Plan (TAMP). SGR targets measure system performance and evaluate how well a transit system is performing.

KTMPO initially adopted Hill Country Transit District (HCTD) State of Good Repair performance targets and objectives for urban and rural systems as the MPO performance targets for the region on June 21, 2017 as required under Federal Transit Administration's (FTA) Transit Asset Management (TAM) Final Rule.

KTMPO approved adoption of the HCTD State of Good Repair performance targets again in January 2019 and February 2020 as required by law.

In preparation for the annual target setting requirements, KTMPO has begun coordination efforts with HCTD and have included the updated Transit Asset Management Plan for review in the meeting packet. The adoption of these performance measures will be captured in a Resolution declaring the urban and rural system targets for the region.

A tentative performance measure adoption schedule is provided below:

Schedule:

- February 3, 2021- TAC review of recommended performance measures.
- February 24, 2021- TPPB review of recommended performance measures.
- March 3, 2021- TAC recommends approval of performance measures.
- March 17, 2021- TPPB approves performance measures.

Action Needed: No action needed; for discussion only.



RESOLUTION NO. 2021-05

A RESOLUTION OF THE KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION ANNUAL ADOPTION OF TARGETS FOR FEDERAL TRANSIT ADMINISTRATION TRANSIT ASSET MANAGEMENT PERFORMANCE MEASURES ESTABLISHED BY THE TEXAS DEPARTMENT OF TRANSPORTATION.

WHEREAS; Hill Country Transit District (HCTD) serves as the transit operator and designated recipient for federal transit funding within the urban service area. HCTD established State of Good Repair performance targets and objectives for both their urban and rural systems in their Transit Asset Management Plan (TAMP) as required under the Transit Asset Management (TAM) Final Rule by the Federal Transit Administration (FTA).

WHEREAS; The TAMP covers all fleet vehicles, as well as other capital assets to include equipment, rolling stock, infrastructure and facilities. All capital assets are inspected and a report is compiled. The report identifies the total number of assets and number that have exceeded their useful life. The performance target is to have less than 5% of the assets within each group exceed their useful life. If the percentage of units exceeding their useful life is more than 5% within a specific group, this is presented to management to focus awareness and is not considered a performance failure unless the total percentage of assets having exceeded their useful life is greater than 5%.

NOW, THEREFORE, BE IT RESOLVED that the Killeen-Temple Metropolitan Planning Organization (KTMP) Transportation Planning Policy Board has agreed to adopt HCTD's State of Good Repair urban and rural performance targets identified in the TAMP as the MPO performance targets for the region for 2021.

WHEREAS; the KTMP Policy Board authorizes future revisions of HCTD's TAMP to be administratively approved by KTMP and presented to the Technical Advisory Committee and Policy Board.

BE IT FURTHER RESOLVED that the KTMP Policy Board will plan and program projects that contribute to the accomplishment of said targets.

PASSED AND ADOPTED on this 17th day of March 2021, at a regular meeting of the KTMP Policy Board 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:

Mayor Jose Segarra, KTMP TPPB Chair

Uryan Nelson, KTMP Director

Transit Asset Management Plan (TAMP)

***Annual Report
2021***

INTRODUCTION – TAMP REPORT FOR 2021

The Transit Asset Management Plan (TAMP) is an important part of the Maintenance Plan for the Hill Country Transit District (HCTD) Urban and Rural fleets, equipment, Urban Operations Facility, and Administrative Facility. The TAMP supports the basic objective of ensuring all equipment is in a state of good repair. A report called State of Good Repair (SOGR) is relied upon for documenting the inspection of the fleets, equipment, and facilities, and each unit is evaluated in accordance with the TAMP requirements.

The SOGR evaluation ensures that each piece of equipment is evaluated to fall into various categories, including the following three categories. In one category, the equipment may fall within the prescribed life but be in need of specific repair to bring the equipment into its expected SOGR. In a second category, the equipment has exceeded its prescribed life based on miles or age, but still be within a state of good repair. In a third category, the equipment has exceeded its prescribed life and has such a poor SOGR rating that it calls for unit replacement. Of course, some equipment is within its prescribed age or miles, and is also in a good state of repair. The defined ratings include excellent, good, adequate/fair, marginal/poor, and poor/bad.

The primary objective and target of the TAMP is to provide a tool whereby such evaluation is completed on a regular, annual basis, and that the data collected is then used to determine appropriate action. For equipment that is within the prescribed life, but in need of repair, the equipment is scheduled for such repair, with repairs properly documented within the HCTD fleet records which use the software program Fleet Pro. For equipment that has exceeded its prescribed life and has such a poor SOGR rating that it calls for replacement, HCTD must consider whether resources are available for purchasing such replacements. If adequate resources are not available, HCTD then must consider whether to pull the equipment from continued service, or to make significant repairs to ensure the equipment can again be considered as being in an acceptable state of good repair.

The following information is presented in detail and in a manner that can be easily referenced to determine appropriate action for each piece of equipment. This approach ensures that all equipment is appropriately evaluated in terms of its state of good repair, and may be subject to specialized repair or possibly replacement. Ideally, if adequate financial resources are available, the TAMP report can be used to schedule the replacement of all equipment that has exceeded its prescribed life and is evaluated in an unacceptable state of repair. In any event, the report can be used to plan specialized repairs and potential replacement.

Terry Reeves, HCTD General Manager, serves as the Accountable Executive for the HCTD TAM plan. Her responsibilities include ensuring that the TAM plan is developed and/or implemented in accordance with the required elements. She has the ultimate responsibility for carrying out the safety management system of the agency, responsibility for carrying out transit asset management practices, and control or direction over the human and capital resources needed to develop and maintain both the HCTD Public Transportation Agency Safety Plan (PTASP), in accordance with 49 U.S.C. 5329(d), and the HCTD Transit Asset Management Plan (TAMP), in accordance with 49 U.S.C. 5326.

Information used for the 2021 TAMP report was provided by the following individuals:

1. Darrell Burtner – Director of Urban Operations/CSO
2. Tony Austin – Director of Rural Operations
3. Thomas Brewer – Lead Mechanic
4. Michael Ruane – Shop Supervisor
5. James Wickham – Information & Data Specialist

Decisions regarding an asset's State of Good Repair ratings are made by the individual inspecting the asset. A rating of 1 through 5 is assigned for qualifiers such as Age, Mileage, General Operating Condition, Air Conditioning, Wheelchair/Ramp Condition, Interior Condition, and Exterior Condition. These are averaged to determine the SOGR score. The SOGR score determines the Priority Rating as per the following metric:

1. High priority – SOGR 0.1 - 1.67
2. Mid priority – SOGR 1.68 - 3.34
3. Low priority – SOGR 3.35 - 5.00

Using these ratings and information on the asset's condition, an Action Level of 1 through 3 is assigned to the asset. Action Levels correspond to the following rating.

1. Must replace
2. Evaluate to determine whether to repair or replace
3. Evaluate & make repairs

Utilizing the Priority Rating and the Action Level, a determination is made as to whether to keep the asset in its present condition with continual upkeep (no priority rating), repair the asset, further evaluate the asset, or replace the asset.

HCTD's maintenance strategy is to continue with routine preventative maintenance, repair assets as needed, and periodically evaluate all assets on an annual basis to determine what needs to be replaced. Most asset maintenance and upkeep is enacted by The HOP's maintenance department. Vehicles are replaced when they've exceeded their Useful Life Benchmark, and receive a low Action Level. Assets such as revenue vehicles are disposed of via public auction. New assets are acquired using HCTD's procurement manual, which has been developed to meet, and in ways exceed the standards set by the Federal Transit Administration. Specifications during procurement are tailored to the needs of the fleet and the routes (i.e. wheelchair ramp location on Fixed Route buses, and ability to handle less than perfect roads for Rural service.)

Further details regarding the TAMP and the process of evaluating the state of good repair are included within the 'MAINTENANCE PLAN and TRANSIT ASSET MANAGEMENT PLAN (TAMP)' for HCTD urban divisions, revised December, 2020.

Transit Asset Management Plan

Asset Summary

The table below shows a summary of HCTD's assets regarding number of assets per category, average age of assets in category, and the average SOGR rating for each category. Further information can be found in the Transit Asset Management Plan and in the State of Good Repair reports for each asset. All vehicles, amenities, and assets are owned by HCTD. A detailed inventory is presented on the pages following this one.

<i>Type</i>	<i># of Assets</i>	<i>Avg. Age</i>	<i>Avg. SOGR Rating</i>
Admin Support Vehicles	1	12	4.0
Urban Support Vehicles	12	12	2.6
Temple FRS Buses	6	9	3.3
Temple STS Cutaway	22	10	2.7
Temple STS Vans	0		
Killeen FRS Buses	11	8	3.0
Killeen STS Cutaway	12	6	3.6
Killeen STS Vans	6	10	2.7
Rural Support	2	14	3.3
Rural DR Cutaway	29	6	4.4
Rural DR Vans	15	11	2.9
Shelters	174	11	3.9
Maintenance Equipment	43	7	3.5
Buildings	6	8	4.3
Total Support Vehicles	15	13	3.3
Total FR Buses	17	9	3
Total STS &DR Cutaways	63	7	3.7
Total STS &DR Vans	21	11	2.8
Total	339	10	3.6

Transit Asset Management Plan

Five Year Plan Summary

The table below displays how many assets are at the end of their lifecycles. The tables on the following pages display the assets at or nearing the end of their lifecycles with their assigned priority ratings. Further information can be found in the Transit Asset Management Plan and in the State of Good Repair reports for each asset. All vehicles, amenities, and assets are owned by HCTD. A detailed inventory is presented on the pages following this one.

<i>Asset</i>	<i>Before 2021</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>	<i>2025</i>	<i>After 2025</i>	Total
Admin Support Vehicles	1	0	0	0	0	0	0	1
Killeen FRS Buses	0	0	7	0	4	0	0	11
Killeen STS Cutaway	7	0	0	5	0	0	0	12
Killeen STS Vans	6	0	0	0	0	0	0	6
Temple FRS Buses	0	0	3	0	0	0	3	6
Temple STS Cutaway	20	0	0	2	0	0	0	22
Temple STS Vans	0	0	0	0	0	0	0	0
Rural DR Cutaway	13	0	10	1	5	0	0	29
Rural DR Vans	15	0	0	0	0	0	0	15
Rural Support	2	0	0	0	0	0	0	2
Urban Support Vehicles	12	0	0	0	0	0	0	12
Shelters	0	0	9	0	0	0	165	174
Maintenance Equipment	12	1	12	2	1	2	13	43
Buildings	0	0	0	0	0	0	6	6
Total	88	1	41	10	10	2	187	339

Killeen FRS Buses

<i>Asset</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>	<i>2025</i>
828		X			
829		X			
830		X			
831		X			
832		X			
833		X			
834		X			
TOTAL	0	7	0	0	0

Killeen STS Cutaways

<i>Asset</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>	<i>2025</i>
733	X				
735	X				
736	X				
737	X				
739	X				
740	X				
741	X				
742			X		
743			X		
744			X		
745			X		
746			X		
TOTAL	7	0	5	0	0

Killeen STS Vans

Asset	2021	2022	2023	2024	2025
251	X				
252	X				
253	X				
257	X				
259	X				
261	X				
TOTAL	6	0	0	0	0

Temple FRS Buses

Asset	2021	2022	2023	2024	2025
906		X			
907		X			
908		X			
TOTAL	0	3	0	0	0

Temple STS Cutaways

Asset	2021	2022	2023	2024	2025
242	X				
243	X				
244	X				
245	X				
247	X				
249	X				
250	X				
254	X				
255	X				
256	X				
264	X				
265	X				
266	X				
267	X				
268			X		
269			X		
L135	X				
L137	X				
L138	X				
L139	X				
L141	X				
L148	X				
TOTAL	20	0	2	0	0

Urban Support Fleet

Asset	2021	2022	2023	2024	2025
1	X				
2	X				
3	X				
4	X				
5	X				
6	X				
7	X				
9	X				
206	X				
240	X				
X10	X				
X11	X				
X12	X				
TOTAL	13	0	0	0	0

Rural Support

Asset	2021	2022	2023	2024	2025
008	X				
204	X				
TOTAL	2	0	0	0	0

Rural DR Cutaway

Asset	2021	2022	2023	2024	2025
L608	X				
L150	X				
L609	X				
L151	X				
L156	X				
L155	X				
L153	X				
L152	X				
L154	X				
L157	X				
L158	X				
L159	X				
L160	X				
L165		X			
L166		X			
L163		X			
L169		X			
L170		X			
L167		X			
L168		X			
L164		X			
L161		X			
L162		X			
L171			X		
L172				X	
L173				X	
L174				X	
L175				X	
L176				X	
TOTAL	13	10	1	5	0

Rural DR Vans

Asset	2021	2022	2023	2024	2025
R117	X				
R118	X				
R119	X				
415	X				
209	X				
R121	X				
211	X				
412	X				
413	X				
210	X				
M301	X				
M304	X				
R123	X				
R124	X				
M306	X				
TOTAL	15	0	0	0	0

Passenger Amenities (Shelters & Benches)

Asset	2021	2022	2023	2024	2025
3		X			
13		X			
14		X			
15		X			
16		X			
17		X			
19		X			
20		X			
23		X			
TOTAL	0	9	0	0	0

Buildings

Asset	2021	2022	2023	2024	2025
<i>All buildings within lifecycles for next five years</i>					
TOTAL	0	0	0	0	0

Maintenance Equipment

Asset	2021	2022	2023	2024	2025
01 - Air Compressor	X				
GC1	X				
FL1	X				
Robinair 1	X				
MIG -Welder 210	X				
08 - Utility Trailer	X				
Pressure Wash	X				
STEAM CLEANER	X				
Bus Wash Bay	X				
Fuel Island	X				
07 - Mobile Column Lift	X				
4ECW6	X				
Weed Eater	X				
Generac		X			
Heater Forced Air 1		X			
Heater Forced Air 2		X			
Plasma Cutter		X			
Polar Cool 1		X			
Polar Cool 2		X			
Porta Cool 1		X			
Porta Cool 2		X			
Porta Cool 3		X			
Porta Cool 4		X			
Porta Cool 5		X			
Rotary		X			
Drill Press			X		
Evaporative Cooler			X		
Fuel Tank				X	
Charger					X
ROBINAIR A/C VAC PUMP					X
TOTAL	13	12	2	1	2

Transit Asset Management Plan

Useful Life Benchmark

The table below displays how many assets are at the end of their lifecycles. The tables on the following pages display the assets at or nearing the end of their lifecycles with their assigned priority ratings. Further information can be found in the Transit Asset Management Plan and in the State of Good Repair reports for each asset. All vehicles, amenities, and assets are owned by HCTD. A detailed inventory is presented on the pages following this one. FTA defines the ULB as the average age-based equivalent of a 2.5 rating on the FTA Transit Economic Requirements Model (TERM) scale. Transit agencies can adjust their Useful Life Benchmarks with approval from FTA. For this report, the FTA 'cheat sheet' at <https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/FTA%20TAM%20ULB%20Cheat%20Sheet%202016-10-26.pdf> was used to determine the ULB.

				Percentage of Assets that have exceeded their ULB	
Asset Category		Total # of Assets	# of Assets that exceed their ULB	ULB	
Urban Vehicle Type	Admin Support Vehicles	1	1	100.0%	
	Urban Support Vehicles	12	8	66.7%	
	Temple FRS Buses	6	0	0.0%	
	Temple STS Cutaway	22	14	63.6%	
	Temple STS Vans	0	0	#DIV/0!	
	Killeen FRS Buses	11	0	0.0%	
	Killeen STS Cutaway	12	0	0.0%	
	Killeen STS Vans	6	4	66.7%	
	Urban Fleet	70	27	38.6%	
Rural Vehicle	Rural Support	2	2	100.0%	
	Rural DR Cutaway	29	1	3.4%	
	Rural DR Vans	15	10	66.7%	
	Rural Fleet	46	13	28.3%	
Total Rolling Stock		116	40	34.5%	=< 30%
Total Maintenance Equipment		43	12	27.9%	=< 30%
Total Buildings		6	0	0.0%	=< 30%

Categorical
Target

Transit Asset Management Plan Inventory Instructions

This report is to be completed by HCTD's maintenance department and lists information on the SOGR (State of Good Repair) reports for each piece of equipment required for The HOP's operations. Utilizing this report, the status of all equipment can be evaluated and a five-year plan can be generated for repair and replacement. All assets are to be entered into the report with each tab corresponding to the following categories:

<i>Fleet</i>	Vehicles (buses and support vehicles)
<i>Amenities</i>	Passenger amenities (shelters)
<i>Equipment</i>	Equipment for operations (forklift, bus wash, fuel tanks)
<i>Buildings</i>	HCTD Buildings (each building at the Belton site, San Saba office)

The life cycle years and life cycle mileage are determined by the specifications set forth by the asset's manufacturer. The manufacture year is the year in which the asset was manufactured and placed into operation. The current mileage is the mileage of the asset as of the date the SOGR was completed where applicable. The 'SOGR' column is for entering the score (1-5) as determined by the SOGR report. The replacement due year is determined by adding the life cycle to the manufacture year. The replacement due mileage is determined by subtracting the current mileage from the life cycle mileage. The description is for small descriptors of the asset (designated division, etc.) The Priority Rating is a scale from one to three rating the priority of the asset in terms of priority of item replacement. The priority ratings are as follows:

Priority rating

- 1** *Hig priority - exceeded life; SOGR 0.1 - 1.67*
- 2** *Mid priority - exceeded life, SOGR 1.68 - 3.34*
- 3** *Low priority - exceeded life, SOGR 3.35 - 5.00*

The action level is an evaluation of the recommended action of an asset based on the following levels:

Action level

- 1** *Must replace*
- 2** *Evaluate - determine whether to repair or replace*
- 3** *Evaluate & make repairs*

After completion of this report, each page will need to be printed and signed at the bottom of the page by the Fleet Manager. Afterward, this report will need to be turned in to the Urban Director.

2021 data for Five Year Replacement Plan

UNIT #	DIVISION	LIFE CYCLE YEARS	LIFE CYCLE MILES	MAN'F YR	CURRENT MILES	SOGR SCORE*	REPLMCT DUE YR	REPLMCT DUE MI	ULB DATE	DESCRIPTION	NTD CATEGORY	PRIORITY RATING	ACTION LEVEL	COMMENTS
1	Belton Support	4	100,000	2007	204,303	1.60	2011	-104,303	2015	TAURUS SE 3.0L V6	Trucks and other Rubber Tire Vehicles	1	1	
2	Belton Support	4	100,000	2007	215,762	2.40	2011	-115,762	2015	TAURUS SE 3.0L V6	Trucks and other Rubber Tire Vehicles	2	2	
3	Belton Support	4	100,000	2007	198,611	2.00	2011	-98,611	2015	TAURUS SE 3.0L V6	Trucks and other Rubber Tire Vehicles	2	2	
4	Belton Support	4	100,000	2007	192,972	2.20	2011	-92,972	2015	TAURUS SE 3.0L V6	Trucks and other Rubber Tire Vehicles	2	2	
5	Belton Support	4	100,000	2007	162,536	2.40	2011	-62,536	2015	TAURUS SE3.0 L V6	Trucks and other Rubber Tire Vehicles	2	2	
6	Belton Support	4	100,000	2009	71,522	4.00	2013	28,478	2017	EDGE SEL	Trucks and other Rubber Tire Vehicles	3	2	
7	Belton Support	4	100,000	2008	110,109	2.80	2012	-10,109	2016	F250 SUPER DUTY XLT 5.4	Trucks and other Rubber Tire Vehicles	2	2	
9	Belton Support	5	150,000	2013	196,695	3.40	2018	-46,695	2021	EXPRESS 2500 SWB	Trucks and other Rubber Tire Vehicles	3	2	
206	Belton Support	4	100,000	2007	231,521	2.60	2011	-131,521	2015	CARAVAN	Trucks and other Rubber Tire Vehicles	2	2	
240	Belton Support	4	100,000	2007	272,480	2.20	2011	-172,480	2015	CARAVAN	Trucks and other Rubber Tire Vehicles	2	2	
X10	Belton Support	4	100,000	2014	108,482	3.60	2018	-8,482	2022	SIENNA LE	Trucks and other Rubber Tire Vehicles	3	2	
X11	Belton Support	4	100,000	2014	154,363	2.80	2018	-54,363	2022	SIENNA LE	Trucks and other Rubber Tire Vehicles	2	2	
X12	Belton Support	4	100,000	2014	127,113	3.60	2018	-27,113	2022	SIENNA LE	Trucks and other Rubber Tire Vehicles	3	2	
828	Killeen - FRS	12	500,000	2010	337,875	3.00	2022	162,125	2024	EZ RIDER	BU		3	
829	Killeen - FRS	12	500,000	2010	353,621	2.83	2022	146,379	2024	EZ RIDER	BU		3	
830	Killeen - FRS	12	500,000	2010	426,651	1.83	2022	73,349	2024	EZ RIDER	BU		3	
831	Killeen - FRS	12	500,000	2010	411,698	3.17	2022	88,302	2024	EZ RIDER	BU		3	
832	Killeen - FRS	12	500,000	2010	415,757	2.83	2022	84,243	2024	EZ RIDER	BU		3	
833	Killeen - FRS	12	500,000	2010	384,573	2.50	2022	115,427	2024	EZ RIDER	BU		3	
834	Killeen - FRS	12	500,000	2010	359,490	3.00	2022	140,510	2024	EZ RIDER	BU		3	
835	Killeen - FRS	12	500,000	2015	203,324	3.17	2027	296,676	2029	EZ RIDER	BU		3	
836	Killeen - FRS	12	500,000	2018	127,441	4.17	2030	372,559	2032	EZ RIDER	BU			
837	Killeen - FRS	12	500,000	2018	156,499	3.17	2030	343,501	2032	EZ RIDER	BU		3	
838	Killeen - FRS	12	500,000	2018	109,483	3.17	2030	390,517	2032	EZ RIDER	BU		3	
733	Killeen - STS	5	150,000	2011	275,082	2.83	2016	-125,082	2021	CHEVROLET EXPRESS 4500	CU	2	2	
735	Killeen - STS	5	150,000	2011	280,517	2.67	2016	-130,517	2021	CHEVROLET EXPRESS 4500	CU	2	2	
736	Killeen - STS	5	150,000	2011	260,805	2.83	2016	-110,805	2021	CHEVROLET EXPRESS 4500	CU	2	2	
737	Killeen - STS	5	150,000	2011	269,515	2.67	2016	-119,515	2021	CHEVROLET EXPRESS 4500	CU	2	2	
739	Killeen - STS	5	150,000	2015	196,659	3.83	2020	-46,659	2025	CHEVROLET EXPRESS 4502	CU	3	2	
740	Killeen - STS	5	150,000	2015	194,793	3.50	2020	-44,793	2025	CHEVROLET EXPRESS 4503	CU	3	2	
741	Killeen - STS	5	150,000	2015	200,787	3.33	2020	-50,787	2025	CHEVROLET EXPRESS 4504	CU	2	2	
742	Killeen - STS	5	150,000	2018	78,035	4.00	2023	71,965	2028	CHEVROLET EXPRESS 4505	CU			
743	Killeen - STS	5	150,000	2018	63,703	4.33	2023	86,297	2028	CHEVROLET EXPRESS 4506	CU			
744	Killeen - STS	5	150,000	2018	69,700	4.50	2023	80,300	2028	CHEVROLET EXPRESS 4507	CU			
745	Killeen - STS	5	150,000	2018	75,228	4.00	2023	74,772	2028	CHEVROLET EXPRESS 4508	CU			
746	Killeen - STS	5	150,000	2018	67,329	4.83	2023	82,671	2028	CHEVROLET EXPRESS 4509	CU			
251	Killeen - Van	4	100,000	2009	316,829	2.00	2013	-216,829	2017	SIENNA LE	VN	2	2	
252	Killeen - Van	4	100,000	2009	273,051	2.20	2013	-173,051	2017	SIENNA LE	VN	2	2	
253	Killeen - Van	4	100,000	2009	249,302	2.40	2013	-149,302	2017	SIENNA LE	VN	2	2	
257	Killeen - Van	4	100,000	2012	164,200	3.40	2016	-64,200	2020	GRAND CARAVAN	VN	3	2	
259	Killeen - Van	4	100,000	2013	158,550	2.80	2017	-58,550	2021	GRAND CARAVAN	VN	2	2	
261	Killeen - Van	4	100,000	2013	167,694	3.60	2017	-67,694	2021	GRAND CARAVAN	VN	3	2	

2021 data for Five Year Replacement Plan

UNIT #	DIVISION	LIFE CYCLE YEARS	LIFE CYCLE MILES	MAN'F YR	CURRENT MILES	SOGR SCORE*	REPLMCT DUE YR	REPLMCT DUE MI	ULB DATE	DESCRIPTION	NTD CATEGORY	PRIORITY RATING	ACTION LEVEL	COMMENTS
906	Temple - FRS	12	500,000	2010	268,188	3.33	2022	231,812	2024	EZ RIDER	BU		3	
907	Temple - FRS	12	500,000	2010	299,350	3.00	2022	200,650	2024	EZ RIDER	BU		3	
908	Temple - FRS	12	500,000	2010	288,555	3.00	2022	211,445	2024	EZ RIDER	BU		3	
909	Temple - FRS	12	500,000	2015	157,960	3.67	2027	342,040	2029	EZ RIDER	BU		3	
910	Temple - FRS	12	500,000	2015	182,664	3.83	2027	317,336	2029	EZ RIDER	BU		3	
911	Temple - FRS	12	500,000	2015	143,308	3.17	2027	356,692	2029	EZ RIDER	BU		3	
242	Temple - STS	5	150,000	2008	296,240	2.17	2013	-146,240	2018	FORD E-450	CU	2	2	
243	Temple - STS	5	150,000	2009	296,848	2.17	2014	-146,848	2019	FORD E-450 DIESEL 6.0L	CU	2	2	
244	Temple - STS	5	150,000	2009	266,702	2.50	2014	-116,702	2019	FORD E-450 DIESEL 6.0L	CU	2	2	
245	Temple - STS	5	150,000	2009	257,522	2.17	2014	-107,522	2019	FORD E-450 DIESEL 6.0L	CU	2	2	
247	Temple - STS	5	150,000	2009	249,436	2.17	2014	-99,436	2019	FORD E-450 DIESEL 6.0L	CU	2	2	
249	Temple - STS	5	150,000	2009	260,590	2.00	2014	-110,590	2019	FORD E-450 DIESEL 6.0L	CU	2	2	
250	Temple - STS	5	150,000	2009	315,587	2.17	2014	-165,587	2019	FORD E-450 DIESEL 6.0L	CU	2	2	
254	Temple - STS	5	150,000	2010	220,492	2.50	2015	-70,492	2020	FORD E 450	CU	2	2	
255	Temple - STS	5	150,000	2011	305,866	2.17	2016	-155,866	2021	EXPRESS 4500	CU	2	2	
256	Temple - STS	5	150,000	2013	225,163	2.67	2018	-75,163	2023	ENC AEROTECH	CU	2	2	
264	Temple - STS	5	150,000	2015	169,751	3.00	2020	-19,751	2023	FORD E-450 DIESEL 6.0L	CU	2	2	
265	Temple - STS	5	150,000	2015	160,961	3.17	2020	-10,961	2025	FORD E-450 DIESEL 6.0L	CU	2	2	
266	Temple - STS	5	150,000	2015	180,751	3.17	2020	-30,751	2025	FORD E-450 DIESEL 6.0L	CU	2	2	
267	Temple - STS	5	150,000	2015	169,376	3.17	2020	-19,376	2025	FORD E-450 DIESEL 6.0L	CU	2	2	
268	Temple - STS	5	150,000	2018	45,789	4.50	2023	104,211	2028	FORD E-450 DIESEL 6.0L	CU			
269	Temple - STS	5	150,000	2018	60,185	4.17	2023	89,815	2028	FORD E-450 DIESEL 6.0L	CU			
L135	Temple - STS	5	150,000	2009	261,653	2.17	2014	-111,653	2019	FORD E-450 DIESEL 6.0L	CU	2	2	
L137	Temple - STS	5	150,000	2009	240,829	2.50	2014	-90,829	2019	FORD E-450 DIESEL 6.0L	CU	2	2	
L138	Temple - STS	5	150,000	2009	240,037	2.67	2014	-90,037	2019	FORD E-450 DIESEL 6.0L	CU	2	2	
L139	Temple - STS	5	150,000	2009	261,404	2.67	2014	-111,404	2019	FORD E-450 DIESEL 6.0L	CU	2	2	
L141	Temple - STS	5	150,000	2009	224,462	2.33	2014	-74,462	2019	FORD E-450 DIESEL 6.0L	CU	2	2	
L148	Temple - STS	5	150,000	2009	242,001	2.50	2014	-92,001	2019	FORD E-450 DIESEL 6.0L	CU	2	2	

2021 data for Five Year Replacement Plan

UNIT #	DIVISION	LIFE CYCLE YEARS	LIFE CYCLE MILES	MAN'F YR	CURRENT MILES	SOGR SCORE*	REPLMCT DUE YR	REPLMCT DUE MI	ULB DATE	DESCRIPTION	NTD CATEGORY	PRIORITY RATING	ACTION LEVEL	COMMENTS
L156	Rural - Cameron	5	150,000	2013	137,963	3.17	2018	12,037	2023	CHEVROLET BUS	CU	2	2	
L157	Rural - Cameron	5	150,000	2014	69,750	4.50	2019	80,250	2024	CHEVROLET BUS	CU	3	2	
L172	Rural - Cameron	5	150,000	2019	16,520	4.83	2024	133,480	2029	E-450 DIESEL	CU			
L173	Rural - Cameron	5	150,000	2019	28,224	5.00	2024	121,776	2029	E-450 DIESEL	CU			
M301	Rural - Cameron	4	100,000	2013	106,377	3.80	2017	-6,377	2021	GRAND CARAVAN	VN	3	2	
415	Rural - Gatesville	4	100,000	2009	108,808	3.80	2013	-8,808	2019	E-350 ECONOLINE	VN	3	2	
L150	Rural - Gatesville	5	150,000	2011	136,174	3.17	2016	13,826	2021	EXPRESS 4500	CU	2	2	
L165	Rural - Gatesville	5	150,000	2017	41,772	5.00	2022	108,228	2027	E-450 DIESEL	CU			
L166	Rural - Gatesville	5	150,000	2017	56,804	4.83	2022	93,196	2027	E-450 DIESEL	CU			
L174	Rural - Gatesville	5	150,000	2019	12,199	5.00	2024	137,801	2029	E-450 DIESEL	CU			
R117	Rural - Gatesville	5	150,000	2007	327,142	2.40	2012	-177,142	2017	UPLANDER	VN	2	2	
L159	Rural - Goldthwaite	5	150,000	2015	41,085	4.83	2020	108,915	2025	CHEVROLET BUS	CU	3	2	
L163	Rural - Goldthwaite	5	150,000	2017	52,907	5.00	2022	97,093	2027	E-450 DIESEL	CU			
M304	Rural - Goldthwaite	4	100,000	2013	175,986	3.40	2017	-75,986	2021	GRAND CARAVAN	VN	3	2	
209	Rural - Hamilton	4	100,000	2009	213,428	2.40	2013	-113,428	2,017	TOYOTA SIENNA LE	VN	2	2	
L155	Rural - Hamilton	5	150,000	2013	166,944	3.33	2018	-16,944	2023	CHEVROLET BUS	CU	2	2	
L169	Rural - Hamilton	5	150,000	2017	35,848	4.83	2022	114,152	2027	E-450 DIESEL	CU			
R121	Rural - Hamilton	5	150,000	2008	208,991	2.20	2013	-58,991	2018	UPLANDER	VN	2	2	
R123	Rural - Hamilton	5	150,000	2012	197,725	2.40	2017	-47,725	2022	GRAND CARAVAN	VN	2	2	
211	Rural - Kingsland	4	100,000	2009	306,131	2.00	2013	-206,131	2017	TOYOTA SIENNA LE	VN	2	2	
L170	Rural - Kingsland	5	150,000	2017	70,455	5.00	2022	79,545	2027	E-450 DIESEL	CU			
L171	Rural - Kingsland	5	150,000	2018	32,826	5.00	2023	117,174	2028	E-450 DIESEL	CU			
L153	Rural - Lampasas	5	150,000	2013	86,293	3.67	2018	63,707	2023	ENC AEROTECH	CU	3	2	
L167	Rural - Lampasas	5	150,000	2017	65,444	5.00	2022	84,556	2027	E-450 DIESEL	CU			
L175	Rural - Lampasas	5	150,000	2019	13,551	5.00	2024	136,449	2029	E-450 DIESEL	CU			
R124	Rural - Lampasas	5	150,000	2012	182,406	2.60	2017	-32,406	2022	GRAND CARAVAN	VN	2	2	
L152	Rural - Llano	5	150,000	2013	141,371	3.17	2018	8,629	2023	ENC AEROTECH	CU	2	2	
L154	Rural - Llano	5	150,000	2013	124,216	3.17	2018	25,784	2023	CHEVROLET BUS	CU	2	2	

2021 data for Five Year Replacement Plan

UNIT #	DIVISION	LIFE CYCLE YEARS	LIFE CYCLE MILES	MAN'F YR	CURRENT MILES	SOGR SCORE*	REPLMCT DUE YR	REPLMCT DUE MI	ULB DATE	DESCRIPTION	NTD CATEGORY	PRIORITY RATING	ACTION LEVEL	COMMENTS
L168	Rural - Llano	5	150,000	2017	83,943	4.67	2022	66,057	2027	E-450 DIESEL	CU			
L608	Rural - Llano	5	150,000	2010	111,430	3.00	2015	38,570	2020	E-450 DIESEL	CU	2	2	
L609	Rural - Llano	5	150,000	2011	97,512	3.00	2016	52,488	2021	DURAMAX 6.6 LTR	CU	2	2	
412	Rural - Mason	4	100,000	2009	115,860	3.20	2013	-15,860	2019	E-350 ECONOLINE	VN	2	2	
L164	Rural - Mason	5	150,000	2017	31,963	5.00	2022	118,037	2027	E-450 DIESEL	CU			
413	Rural - Rockdale	4	100,000	2009	147,646	3.00	2013	-47,646	2019	E-350 ECONOLINE	VN	2	2	
L158	Rural - Rockdale	5	150,000	2014	94,538	4.17	2019	55,462	2024	CHEVROLET BUS	CU	3	2	
L161	Rural - Rockdale	5	150,000	2017	121,403	4.67	2022	28,597	2027	E-450 DIESEL	CU			
L162	Rural - Rockdale	5	150,000	2017	51,922	4.83	2022	98,078	2027	E-450 DIESEL	CU			
L176	Rural - Rockdale	5	150,000	2019	17,057	5.00	2024	132,943	2029	E-450 DIESEL	CU			
M306	Rural - Rockdale	4	100,000	2014	84,008	3.80	2018	15,992	2022	TOYOTA SIENNA LE	VN	3	2	
R118	Rural - Rockdale	5	150,000	2007	204,813	2.60	2012	-54,813	2017	UPLANDER	VN	2	2	
210	Rural - San Saba	4	100,000	2009	239,162	2.80	2013	-139,162	2,017	TOYOTA SIENNA LE	VN	2	2	
L151	Rural - San Saba	5	150,000	2011	135,302	3.83	2016	14,698	2021	EXPRESS 4500	CU	3	2	
L160	Rural - San Saba	5	150,000	2015	38,400	5.00	2020	111,600	2025	CHEVROLET BUS	CU	3	2	
R119	Rural - San Saba	5	150,000	2007	203,619	2.80	2012	-53,619	2017	UPLANDER	VN	2	2	
008	Rural - Support	4	100,000	2008	124,541	4.00	2012	-24,541	2,016	F250 SUPER DUTY XLT 5.4	Trucks and other Rubber Tire Vehicles	3	2	
204	Rural - Support	4	100,000	2007	303,588	2.60	2011	-203,588	2,015	GRAND CARAVAN		2	2	

*State of Good Repair (SOGR): Reflects Federal Transit Administration (FTA) score for every individual asset as documented in the current SOGR Inspection Reports

- Priority rating

1

2

3

Hig priority - exceeded life; SOGR 0.1 - 1.67

Mid priority - exceeded life, SOGR 1.68 - 3.34

Low priority - exceeded life, SOGR 3.35 - 5.00
- Action level

1

2

3

Must replace

Evaluate - determine whether to repair or replace

Evaluate & make repairs

Director of Urban Operations Signature

Date

Shelters		2021 data for Five Year Replacement Plan					Page 1 of 4			
UNIT #	LIFE CYCLE YEARS	MAN'F YR	SOGR SCORE*	REPLMCT DUE YR	MAKE	DESCRIPTION	PRIORITY RATING	ACTION LEVEL	COMMENTS	
3	22	2000	3.67	2022	BRASCO	YARD			Yard - Flex/Glass Faded bad	
13	22	2000	3.00	2022	BRASCO	City-K		3	TWIN CREEK DR. (VERANDA APTS)	
14	22	2000	3.00	2022	UNKNOWN	City-K		3	DEAN & GRAY STREET	
15	22	2000	3.67	2022	BRASCO	City-CC			Civic Center-CC	
16	22	2000	3.33	2022	BRASCO	City-K		3	In yard	
17	22	2000	4.00	2022	BRASCO	City-K			38th @ Lake Road - K	
19	22	2000	3.00	2022	UNKNOWN	City-CC		3	2ND & ROBERTSON - CC - 1	
20	22	2000	3.00	2022	BRASCO	City-CC		3	2ND & ROBERTSON CC -2	
23	22	2000	3.00	2022	BRASCO	City-K		3	Duncan & 24th - Killeen	
4	22	2005	3.33	2027	BRASCO	City-K		3	Spare	
5	22	2005	4.00	2027	BRASCO	Temple			On 31st Near Scott - Front of T S&W	
12	22	2005	3.67	2027	BRASCO	City-K			Yard - Flex/Glass Faded bad	
18	22	2005	3.67	2027	BRASCO	City-HH			MILLERS CROSSING (HH CITY HALL)	
22	22	2005	4.00	2027	BRASCO	City-K			Mid-Town Mall on Bus 190 in Killeen	
129	22	2005	3.00	2027	BRASCO	City-HH		3	Indian Oaks @ CTE	
T-1	22	2005	3.67	2027	BRASCO	Temple			SS ADAMS AVE 1 OF 2	
T-2	22	2005	3.67	2027	BRASCO	Temple			SS ADAMS AVE 2 OF 2	
T-3	22	2005	3.67	2027	BRASCO	Temple			Yard - Employee Break Shelter	
T-4	22	2005	4.00	2027	UNKNOWN	Temple			WALMART NEAR TEMPLE MALL	
T-5	22	2005	4.00	2027	BRASCO	Temple			VA ON FLAG ROW	
T-6	22	2005	3.67	2027	BRASCO	Temple			11TH & CALHOUN	
T-7	22	2005	3.33	2027	BRASCO	Temple		3	Yard - Employee Break Shelter	
28	22	2011	4.00	2033	Handi-Hut	City-HH			Modoc behind WallMart	
29	22	2011	4.00	2033	Handi-Hut	City-HH			Modoc Ln behind WallMart	
30	22	2011	4.00	2033	Handi-Hut	City-HH			Verna Lee @ HH High School	
31	22	2011	4.00	2033	Handi-Hut	City-HH			Indian Trail @ Ute Trail-HH	
32	22	2011	4.00	2033	Handi-Hut	City-HH			Indian Trail @ Pima Trail - HH	
33	22	2011	4.00	2033	Handi-Hut	City-HH			Indian Trail @ Boulder	
34	22	2011	4.00	2033	Handi-Hut	City-HH			CTE at Indian Trail	
36	22	2011	4.00	2033	Handi-Hut	City-HH			Amy Ln @ Beeline	
37	22	2011	4.00	2033	Handi-Hut	City-HH			A Ann @ Beeline	
38	22	2011	4.00	2033	Handi-Hut	City-HH			S Ann @ Kathyey	
39	22	2011	4.00	2033	Handi-Hut	City-HH			VMB @ Amy Ln	
40	22	2011	4.00	2033	Handi-Hut	City-K			S WS Young Dr @ Lowe's Blvd - Killeen	
41	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
42	22	2011	4.00	2033	Handi-Hut	City-K			Hereford @ Elms - Killeen	
43	22	2011	4.00	2033	Handi-Hut	City-K			Florence Rd @ Zinnia	
44	22	2011	4.00	2033	Handi-Hut	City-K			Jasper	
45	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
46	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
47	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
48	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
49	22	2011	4.00	2033	Handi-Hut	City-K			Kohl's on Lowes Blvd	
50	22	2011	4.00	2033	Handi-Hut	City-K			Lake Rd & Kangaroo - Killeen	
51	22	2011	4.00	2033	Handi-Hut	City-K			Westcliff & Lazyridge - Killeen	
52	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
53	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
55	22	2011	4.00	2033	Handi-Hut	City-K			Rancier & WS Young	
56	22	2011	4.00	2033	Handi-Hut	City-K			Rancier @ Medical	
57	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
58	22	2011	4.00	2033	Handi-Hut	City-CC			MLK & Dewald	
59	22	2011	4.00	2033	Handi-Hut	City-K			Westcliff FS near Moonlight	
60	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
62	22	2011	4.00	2033	Handi-Hut	City-K			Rancier & Stewart	
63	22	2011	4.00	2033	Handi-Hut	City-K			Rancier & Patton	
64	22	2011	4.00	2033	Handi-Hut	City-K			2nd & Young	
65	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
66	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
67	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
68	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
71	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
72	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
73	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
74	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
75	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
76	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
77	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
78	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
79	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
80	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
81	22	2011	4.00	2033	Handi-Hut	City-K			Roy Reynolds @ Rancier	
82	22	2011	4.00	2033	Handi-Hut	City-CC			1009 North Drive	
83	22	2011	4.00	2033	Handi-Hut	City-CC			902 N 4th	
84	22	2011	4.00	2033	Handi-Hut	City-CC			N Main @ Anderson	
85	22	2011	4.00	2033	Handi-Hut	City-CC			N Main @ Truman	
86	22	2011	4.00	2033	Handi-Hut	City-CC			Ave B @ Main	
87	22	2011	4.00	2033	Handi-Hut	City-CC			Constitution @ WalMart	
88	22	2011	4.00	2033	Handi-Hut	City-CC			Yard	
89	22	2011	4.00	2033	Handi-Hut	City-CC			Robertson @ Phil	
90	22	2011	4.00	2033	Handi-Hut	City-CC			Yard	
91	22	2011	4.00	2033	Handi-Hut	City-CC			Yard	
92	22	2011	4.00	2033	Handi-Hut	City-CC			Lowes by Walmart	
93	22	2011	4.00	2033	Handi-Hut	City-CC			1231 Georgetown Rd	
94	22	2011	4.00	2033	Handi-Hut	City-CC			701 Casa Drive	
95	22	2011	4.00	2033	Handi-Hut	City-CC			317 Casa Drive	
96	22	2011	4.00	2033	Handi-Hut	City-CC			302 Sunset	
97	22	2011	4.00	2033	Handi-Hut	City-CC			1103 N Main @ Jason	
98	22	2011	4.00	2033	Handi-Hut	City-K			4th & Ave C - South	
99	22	2011	4.00	2033	Handi-Hut	City-K			4th & Ave C - Middle	
100	22	2011	4.00	2033	Handi-Hut	City-K			4th & Ave C - North	
101	22	2011	4.00	2033	Handi-Hut	City-K			Westcliff @ Kenyon	
102	22	2011	4.00	2033	Handi-Hut	City-HH			Indian Trail @ Verna Lee - NS	
103	22	2011	4.00	2033	Handi-Hut	City-K			Yard	
104	22	2011	4.00	2033	Handi-Hut	City-K			S&W Clinic on S&W Drive	
105	22	2011	4.00	2033	Handi-Hut	City-HH			Yard (Center of roof missing)	
131	22	2011	4.00	2033	Handi-Hut	Nolanville			HWY-190	
500	22	2011	4.00	2033	Handi-Hut	Belton			Yard (Center of Roof Crushed)	
501	22	2011	4.00	2033	Handi-Hut	Belton			100 Block S Davis	
502	22	2011	4.00	2033	Handi-Hut	Belton			Mitchell St @ Ave F/Mitchell Cir	
503	22	2011	4.00	2033	Handi-Hut	Belton			Mitchell St @ Ave H/Mitchell Circle	
504	22	2011	4.00	2033	Handi-Hut	Belton			1800 Block Shady Ln near Holland Rd	
505	22	2011	4.00	2033	Handi-Hut	Belton			700 Block Muelhouse near Ave N	
506	22	2011	4.00	2033	Handi-Hut	Temple			Canyon Creek near 31st - Temple	
507	22	2011	4.00	2033	Handi-Hut	Temple			Paseo del Oro @ 31st - Temple	
508	22	2011	4.00	2033	Handi-Hut	Temple			7 N 24th @ Ferguson Pk - Temple	
509	22	2011	4.33	2033	Handi-Hut	Temple			1419 W Ave H @ 29th St - Temple	
510	22	2011	4.33	2033	Handi-Hut	Temple			1100 Block W Ave H @ 21st St - Temple	
511	22	2011	4.00	2033	Handi-Hut	Belton			Justice Center - Belton	
512	22	2011	4.00	2033	Handi-Hut	Temple			1201 E Ave H @ Terrace - Temple	
513	22	2011	4.00	2033	Handi-Hut	Temple			100 W French - Temple	
514	22	2011	4.00	2033	Handi-Hut	Temple			Yard	
515	22	2011	4.00	2033	Handi-Hut	Temple			Loop 363 @ 13th Street - Temple	
516	22	2011	4.00	2033	Handi-Hut	Temple			Yard	
517	22	2011	4.00	2033	Handi-Hut	Temple			S 31st near Forest Tri - Temple	
518	22	2011	4.00	2033	Handi-Hut	Temple			Yard (Panel Crushed)	
519	22	2011	4.00	2033	Handi-Hut	Temple			Belton Walmart	
520	22	2011	4.00	2033	Handi-Hut	Temple			1801 S 31st NS Ave R	
521	22	2011	4.00	2033	Handi-Hut	Belton			2128 N Main @ E 22nd St	
523	22	2011	4.00	2033	Handi-Hut	Temple			Yard	
524	22	2011	4.00	2033	Handi-Hut	Temple			E. Ave A & 6th	
525	22	2011	4.00	2033	Handi-Hut	Temple			1102 S 30th FS @ Ave K	
526	22	2011	4.33	2033	Handi-Hut	Temple			904 S 30th @ Ave J	
527	22	2011	3.67	2033	Handi-Hut	Temple			Yard	
528	22	2011	4.00	2033	Handi-Hut	Temple			Yard	
531	22	2011	4.00	2033	Handi-Hut	Belton			Commerce & Industrial	
532	22	2011	4.00	2033	Handi-Hut	Belton			Belle Oaks 1	
533	22	2011	4.00	2033	Handi-Hut	Belton			Belle Oaks 2	
106	22	2012	4.00	2034	Handi-Hut	City-HH			Indian Trail SB south of CTE	
107	22	2012	4.00	2034	Handi-Hut	City-HH			Yard	
108	22	2012	4.00	2034	Handi-Hut	City-HH			Indian Trail @ Nola Ruth	
109	22	2012	4.00	2034	Handi-Hut	City-K			CTC @ Academia	
110	22	2012	4.00	2034	Handi-Hut	City-K			CTC @ Building Sci Building 150	
111	22	2012	4.00	2034	Handi-Hut	City-K			CTC @ Gym	
112	22	2012	4.00	2034	Handi-Hut	City-K			Metroplex EB on Bell Tower	
113	22	2012	4.00	2034	Handi-Hut	City-K			Metroplex WB on Bell Tower	
114	22	2012	4.00	2034	Handi-Hut	City-K			Yard	
115	22	2012	4.00	2034	Handi-Hut	City-K			Yard	
116	22	2012	4.00	2034	Handi-Hut	City-CC			Constitution # 2	
117	22	2012	4.00	2034	Handi-Hut	City-HH			Indian Trail NB @ CTE, NS	
118	22	2012	4.00	2034	Handi-Hut	City-HH			FM 2410 @ Drawbridge	
119	22	2012	4.00	2034	Handi-Hut	City-K			2849 Illinois @ Amber	
120	22	2012	4.00	2034	Handi-Hut	City-K			Watercrest @ Quail Circle	
121	22	2012	4.00	2034	Handi-Hut	City-K			Yard	
122	22	2012	4.00	2034	Handi-Hut	City-K			Yard	
123	22	2012	4.00	2034	Handi-Hut	City-K			Priest Drive @ DPS	
124	22	2012	4.00	2034	Handi-Hut	City-K			Yard	
125	22	2012	4.00	2034	Handi-Hut	City-CC			1507 Veterans @ 17th	
126	22	2012	4.00	2034	Handi-Hut	City-K			Yard	
127	22	2012	4.00	2034	Handi-Hut	City-CC			RBG III @ FiVe Hills HEB	
128	22	2012	4.00	2034	Handi-Hut	YARD			Yard	
534	22	2012	4.00	2034	Handi-Hut</					

Equipment2021 data for Five Year Replacement Plan

UNIT #	LIFE CYCLE YEARS	LIFE CYCLE MILES	MAN'F YR	CURRENT MILES	SOGR SCORE*	REPLMCT DUE YR	REPLMCT DUE MI	DESCRIPTION	PRIORITY RATING	ACTION LEVEL	COMMENTS
01 - Air Compressor	5		1994		4	1999	0	UK Temple Shop Air Compressor	3	3	
GC1	1		2007		4	2008	0	Precedent Electric Golf Cart	3	3	
FL1	5		2006		3	2011	0	Hyster Forklift	2	3	
Robinair 1	2		2009		3.5	2011	0	Robinair 34288 A/C Service Machine	3	2	
MIG -Welder 210	2		2010		4	2012	0	Thermal Arc	3	3	
08 - Utility Trailer	5		2010		4	2015	0	Utility Trailer	3	3	
Pressure Wash	2		2013		2	2015	0	Alkota 42000	2	2	
STEAM CLEANER	2		2013		2	2015		STEAM CLEANER - ALKODA 240	2	2	
Bus Wash Bay	5		2013		1	2018	0	Bus Wash	1	1	Wash equipment
Fuel Island	5		2013		4	2018	0	Fuel Island	3	3	Pump equipment
07 - Mobile Column Lift	10		2009		1.5	2019	0	Maha Mobile Lift	1	1	
4ECW6	5		2015		4	2020		4ECW6 - 2015 LIFT PLATFORM LIFT	3	3	
Weed Eater	3		2018		4	2021		VT36 - 2017 ATEQ MYERS 360 TPMS tool			
Generac	10		2012		4	2022	0	Generac Generator			
Heater Forced Air 1	5		2017		1	2022		Heater Forced Air 1 - Mr Heater MH175KTR		3	
Heater Forced Air 2	5		2017		1	2022		Heater Forced Air 2 - Mr Heater MH175KTR		3	
Plasma Cutter	5		2017		4	2022		Victor SL40 Plasma Cutter			
Polar Cool 1	5		2017		4	2022		Polar Cool 1 - Polar Cool 16" 3 speed			
Polar Cool 2	5		2017		4	2022		Polar Cool 2 - Polar Cool 16" 3 speed			
Porta Cool 1	5		2017		4	2022		Porta Cool 1 - Porta Cool 16" 3 speed			
Porta Cool 2	5		2017		4	2022		Porta Cool 2 - Porta Cool 16" 3 speed			
Porta Cool 3	5		2017		4	2022		Porta Cool 3 - 2017 Porta Cool Cyclone			
Porta Cool 4	5		2017		4	2022		Porta Cool 4			
Porta Cool 5	5		2017		4	2022		Porta Cool 5			
Rotary	10		2012		3	2022	0	Rotary 40000HDL			
Drill Press	5		2018		4	2023		JET 15" 6-speed floor drill press			
Evaporative Cooler	5		2018		4	2023		Evaporative Cooler 1 LG			
Fuel Tank	20		2004		2	2024	0	Diesel Fuel Tank		3	Needs to be Painted
Charger	5		2020		5	2025		NAPA 90-154 Charger			
ROBINAIR A/C VAC PUMP	10		2015		5	2025		ROBINAIR A/C VAC PUMP - 2015 ROBINAIR 15			
ROBINAIR 2 2016	10		2016		2	2026		ROBINAIR 2 2016 - 2016 ROBINAIR 17800B		3	
Ice Machine BLDG B	10		2017		4	2027		Ice Machine BLDG B			
Ice Machine BLDG C	10		2017		4	2027		Ice Machine BLDG C			
BHOP Security	15		2013		3.5	2028		Belton Security System			
BHOP Yard and Perimeter	15		2013		4	2028	0	Belton Yard			Fence related
Robinair 3	10		2018		4	2028		Robinair 34288NI			
AIR/MANUAL 10 TON JACK	15		2016		4	2031		AIR/MANUAL 10 TON JACK - 2016 BLUE POINT			
Eye Wash Station 5 Gal	15		2017		4	2032		Eye Wash Station 5 Gal			
Eye Wash Station 5 Gal-2	15		2017		4	2032		Eye Wash Station 5 Gal-2			
Eye Wash Wall Bus Wash	15		2017		4	2032		Eye Wash Wall Bus Wash			
Eye Wash Wall Parts RM	15		2017		4	2032		Eye Wash Wall Parts RM			
Eye Wash Wall Shop	15		2017		4	2032		Eye Wash Wall Shop			
Refrigerant Scale	100		2015		4	2115					

Priority rating

- 1 Hig priority - exceeded life; SOGR 0.1 - 1.67
- 2 Mid priority - exceeded life, SOGR 1.68 - 3.34
- 3 Low priority - exceeded life, SOGR 3.35 - 5.00

*State of Good Repair (SOGR): Reflects Federal Transit Administration (FTA) score for every individual asset as documented in the current SOGR Inspection Reports

Action level

- 1 Must replace
- 2 Evaluate - determine whether to repair or replace
- 3 Evaluate & make repairs

Director of Urban Operations Signature

Date

BUILDINGS *2021 data for Five Year Replacement Plan*

UNIT #	LIFE CYCLE YEARS	OCCUPANCY YEAR	SOGR SCORE*	REPLMCT DUE YR	DESCRIPTION	PRIORITY RATING	ACTION LEVEL	COMMENTS
BLDG A	25	2013	4.5	2038	Admin Bldg			
BLDG B	25	2013	5	2038	Shop			
BLDG C	25	2013	5	2038	Ready Room			
Vehicle Washing Structure	25	2013	2	2038			3	
Vehcile Fueling Structure	25	2013	4	2038				
San Saba Facility	20	2013	5	2033	Head Office			

*State of Good Repair (SOGR): Reflects Federal Transit Administration (FTA) score for every individual asset as documented in the current SOGR Inspection Reports

- 1 Hig priority - exceeded life; SOGR 0.1 - 1.67
- 2 Mid priority - exceeded life, SOGR 1.68 - 3.34
- 3 Low priority - exceeded life, SOGR 3.35 - 5.00

Action level

- 1 Must replace
- 2 Evaluate - determine whether to repair or replace
- 3 Evaluate & make repairs

Director of Urban Operations Signature

Date

Item 7:

Proposed FY21 Studies

Proposed FY21 Special Studies

In February 2019, the Policy Board approved four special studies to receive FY19 funding. These studies included the:

- Fast Act Performance Measure Study,
- Vulnerability and Resiliency Study,
- Evaluation of 2045 MTP Projects, and
- Future Growth Scenario Study.

In December 2019, the Policy Board approved three special studies to receive FY20 funding. These studies included the:

- Evaluation/Impact of Completed MTP Projects,
- Regional Freight Transportation/Freight Parking Study,
- Environmental Justice Analysis of Transportation Projects.

Below is a list of potential studies to receive FY21 funding. The FY20-21 UPWP budgets \$150,000 for Special Studies in FY21. Staff requests feedback on proposed and other potential studies of interest.

2020 Census and MPO Boundary Expansion Study

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

Public Involvement Study

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

Signalization Study

- Objective: Identify the effects of traffic signal timing in the KTMPO region and assess what steps might be taken to reduce congestion through traffic signal synchronization.
- Estimated Time Frame: 3 Months
- Estimated Cost: \$20,000 to \$25,000

Bike Share Feasibility Study

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

Corridor Study

- Objective: Identify transportation improvements that would be most effective in moving people and goods in specific travel corridors and balancing those improvements with available funding and neighborhood and community concerns.
- Estimated Time Frame: 12 to 18 months
- Estimated Cost: \$150,000 to \$250,000

Action Needed: No action needed; for discussion only.

Item 8:

Public Input

Public Input Received

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

Action Needed: No action needed; for discussion only.



KTMP Public Comments

FY21

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

Grant Opportunities

- **TxDOT 2021 Transportation Alternatives Set-Aside (TA) Program:**

Deadline for Step 1 - March 1, 2021

Texas Department of Transportation (TxDOT):

TxDOT's TA Program provides funding for bicycle and pedestrian infrastructure projects located outside the smoothed boundaries of Census Urbanized Areas of population 200,000 or greater that have been identified as Transportation Management Areas (TMAs). The current call involves a two-step process; the deadline for Step 1 is March 1, 2021. More information about the program and the current call can be found at the link below.

Estimated Funding Available: \$10,500,000

Match Requirement: 20%

<https://www.txdot.gov/inside-txdot/division/public-transportation/bicycle-pedestrian.html>

- **FY2021 High Priority Commercial Motor Vehicle (HP-CMV) Program:**

Deadline: March 15, 2021

U.S. Department of Transportation (USDOT):

USDOT's Federal Motor Carrier Safety Administration (FMCSA) is responsible for the regulation and safety oversight of commercial motor vehicles (CMV). FMCSA provided funding for projects that reduce crashes, injuries, and fatalities related to large trucks and buses. The program prefers projects that are national in scope, increase public awareness and education, demonstrate new technologies, and reduce the number/rate of CMV crashes. More information about the program can be found at the below website.

Estimated Funding Available: \$25,211,500

Award Ceiling: \$2,000,000

Award Floor: \$10,000

<https://www.grantsolutions.gov/gs/preaward/previewPublicAnnouncement.do?id=91861>

- **FY2021 Commercial Driver's License Program Implementation (CDLPI):**

Deadline: March 15, 2021

U.S. Department of Transportation (USDOT):

The CDLPI financial assistance program's objective is to provide financial assistance to eligible entities to aid participation in the National CDL program. The ultimate goal of the National CDL Program supports the Department's strategic goals and FMCSA's mission by ensuring that only qualified drivers are eligible to receive and retain a CDL. More information about the program can be found at the below website.

Estimated Funding Available: \$32,702,000

Award Ceiling: \$4,000,000

Award Floor: \$10,000

<https://www.grantsolutions.gov/gs/preaward/previewPublicAnnouncement.do?id=91859>

- **Texas Volkswagen Environmental Mitigation Program:**

Deadline first come first served

Texas Commission on Environmental Quality (TCEQ):

The purpose of this grant is to replace or repower local freight and port drayage trucks. Any person or entity who operates an eligible local freight or port drayage truck at least 51% of the vehicle's annual mileage in one of the Priority Areas is potentially eligible to apply for the grant. Bell County is one of the Priority Areas. More information can be found at the below website.

Estimated Funding Available: \$33,000,000

<https://www.tceq.texas.gov/news/releases/texas-volkswagen-environmental-mitigation-program-accepting-applications>

Websites:

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

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

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

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

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

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Commonly Used Transportation Related Acronyms and Terms

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

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

2045 MTP Project Listing



2045 Metropolitan Transportation Plan Project Listing

Short Range Funded (2020-2030) Projects with Allocated Funding as of October 2020 and Listed in the Transportation Improvement Program (TIP)

MPO PROPOSITION 1/CATEGORY 2 PROJECTS (METROPOLITAN CORRIDORS)

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
C30-03b	0231-02-062	Business US 190 Phase I	FM 1113 (Avenue D) to Constitution Dr	Construction of a raised median and conversion of one travel lane in each direction to a sidewalk/bicycle lane	81.00	4	4	\$10,000,000	2021	Yes	EJ	Allocation: \$40,800,000 4-year UTP Fiscal Constraint: \$68,585,914
W40-04a (1)	2502-01-021	Loop 121 Phase 1a	Lake Rd (FM 439) to South of W Ave O	Widen from two lanes to four lanes with a raised median	56.45	14	5	\$30,800,000	2021	Yes	EJ, H, P	

CATEGORY 4 PROJECTS (STATEWIDE URBAN CONNECTIVITY)

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
W45-01	0231-03-152	IH 14 Advanced Traffic Management System	Coryell County Line to FM 3423 (Indian Trail)	Construction of fiber optics, traffic cameras and Dynamic Message Boards	73.33	2	11	\$6,200,000	2021	Yes	EJ, L, H	Allocation: \$6,200,000 4-year UTP Fiscal Constraint: \$59,730,508 Brownwood District: \$0

CATEGORY 7 PROJECTS (SURFACE TRANSPORTATION PROGRAM-METROPOLITAN MOBILITY)

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

MPO CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE PROGRAM)

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

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

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

STATEWIDE CATEGORY 9 PROJECTS (SAFE ROUTES TO SCHOOL PROGRAM)

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

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

Proposed Roadway, Transportation Choices/Livability, Transit, and Preventative Maintenance Projects												
ROADWAY PROJECTS ⁷												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding ^{4 9}
W35-07	0320-06-008	NW Loop 363	Industrial Blvd to Lucius McCelvey Dr	Construct interchange and expand two to four lanes with frontage roads	72.00	3	1	\$45,000,000	2025	Yes	H	Categories 2, 7 Years 5-10 Short Range Allocations: \$186,833,795 UTP 10-Year Fiscal Constraint: \$254,490,702 Available: -\$4,647,994 *Available = UTP constraint - TIP allocations - Short Range Cat 2, 7, 9 allocations
W35-01	0231-19-003 0231-01-003 0231-02-067	US 190 Bypass	0.6 mi W of FM 2657 to 0.15 mi E of Clarke Rd	Widen from two lanes to four lanes divided and construct interchange	68.27	9	2	\$48,150,000	2025	Yes	L, H,	
W30-17	1835-01-026	FM 93 Phase 1 and 2	SH 317 to Wheat Rd	Widen from 2 to 4 lane roadway with a bike lane and 6 ft sidewalks	64.81	16	3	\$8,794,843	2025/2026	Yes	EJ, H, P	
T40-07b	0909-36-174	Temple Outer Loop West Phase II	454 ft South of Dove Meadow Blvd to IH-35 S	Widen from 2 to 4 lane divided roadway with a curb and gutter; includes hike and bike trail and bike dedicated lanes to incorporate multimodal transportation	64.67	17	4	\$9,701,802	2027	No	P, H	
K30-13	0909-36-175 0909-36-172	Chaparral Rd	SH 195 to FM 3481 (Stillhouse Hollow Lake Rd)	Reconstruct and widen roadway from 2 to 4 lane divided roadway with bicycle/pedestrian facilities.	59.99	27	5	\$23,000,000	2023	No	EJ, H	
D40-01	N/A	North Waco Rd (Old 81)	West Main St to West Big Elm Rd	Widen from 2 to 4 lanes, with curb, gutter, and bridge improvements	52.64	44	6	\$4,600,000	TBD	No	—	
H30-05	0909-36-171	Warriors Path Upgrade	FM 2410 (Knights Way) to Old Nolanville Rd	Create a two lane road section with a curb, gutter, and left turn lane at a future school; 6 ft sidewalk on west side and a 10 ft wide hike and bike path on east side	48.17	50	7	\$8,968,950	2025	No	H	
N40-03	N/A	Old Nolanville Road Bridge Expansion and Bike/Pedestrian Project	Bridge on Old Nolanville Rd to US 190/IH 14	Reconstruct bridge on Old Nolanville Road and add multi-use trail system to connect to existing trail system.	49.84	46	8	\$1,602,700	TBD	No	—	
S40-03	N/A	Salado West Village Road Capacity and Enhancement Project	Thomas Arnold Rd to IH-35	Widen roadway, add turn lanes and bicycle/pedestrian facilities	36.45	66	9	\$300,500	2028	No	—	Categories 2, 7, 11 Years 11-25 Long Range Allocations: \$361,767,429 MTP Long Range Fiscal Constraint: \$364,100,000 Available: \$2,322,571
W25-02	0184-02-055	SH 36	SH 317 to Lake Belton Bridge	Widen from 2 to 4 lane divided roadway	71.63	5	13	\$36,715,000	2026	No	P	
T15-06k	0015-14-109	IH 35	US 190/IH 14 to Loop 363	Reconstruct and widen to 8 lanes	78.27	1	10	\$129,700,000	2029	Yes	EJ, H	
C35-02ab ⁵	0724-01-055	FM 116 Railroad Underpass	S Main (through existing parking facility) to Ave B	Create an underpass at the existing BNSF railroad with sidewalks	71.73	4	12	\$13,470,000	2023	Yes	EJ	
W35-04	N/A	FM 439	Roy Reynolds Drive to FM 3219	Widen from 4 to 6 lanes	70.27	6	14	\$11,539,000	2027	No	EJ	
H45-03	0184-02-055	FM 3481 (Stillhouse Lake Rd) Phase 1	Prospector Trail to Proposed Chaparral Rd Intersection	Widen roadway from 2 to 4 lanes with a continous center turn lane and sidewalks	69.33	7	15	\$6,566,500	2026/2027	No	H, ARZ, P	
W30-23	0184-04-051	US 190/Loop 363	FM 1741 to FM 436	Upgrade to 4 lane freeway with continous frontage roads and grade separation at MLK Blvd	68.36	8	16	\$16,784,000	2025	Yes	EJ	
C30-03a	N/A	Business US 190 - Phase II	FM 1113 (Ave D) to FM 116 South	Convert the center turn lane to a controlled left turn lane with raised median, maintain the two existing travel lanes, add curb, gutter, and bike lanes on both sides of the roadway, 6 ft sidewalk on the south side and pedestrian crossings with curb ramps at street intersections	68.16	10	17	\$7,400,000	2022	Yes	EJ	
W35-08	N/A	FM 93	FM 1741 to SH 95	Widen from 2 to 4 lanes, provide for a raised median and construct grade separation at UP RR	66.44	11	18	\$12,588,000	TBD	Yes	H	
H45-01	N/A	E FM 2410 (E. Knights Way) Phase 1	Cedar Knob Rd to Warriors Path	Widen from 2 to 4 lanes with a continous turn lane, curb, gutter and sidewalks	66.35	12	19	\$5,561,600	TBD		—	
W30-13	N/A	FM 2484	FM 1670 to IH-35	Widen from 2 to 4 lane divided roadway	65.99	13	20	\$3,147,000	TBD	No	P	
W30-21	N/A	Loop 363 at FM 2305 (Adams Ave) Reconfiguration	Intersection of Loop 363 and FM 2305 (Adams Ave)	Reconstruct interchange at FM 2305 (Adams Ave) and Loop 363	65.45	14	21	\$18,000,000	TBD	Yes	EJ	
K40-24	N/A	Featherline Dr	Stagecoach Rd to Chaparral Rd	Widen from two to four lanes with a center turn lane and roundabouts at Featherline Rd and Stagecoach Rd and Stagecoach Rd at W.S. Young Dr	65.00	15	22	\$9,000,000	2025	No	EJ	
H15-01	N/A	FM 3423 (Indian Trail)	Business 190 (VMB) to US 190/IH-14	Construct an urban cross-section roadway with sidewalks, median and pedestrian enhancements within the appropriate context sensitive cross section	64.55	18	23	\$3,391,800	TBD	No	—	
T35-36a	N/A	S 1st Street/Spur 290 Improvements	SE Loop 363 to Ave M	Widen from 4 lane undivided to 4 lane divided roadway with a curb, gutter and hike and bike trails to incorporate multimodal design	64.45	19	24	\$8,500,000	TBD	Yes	EJ	
K40-11	N/A	WS Young Dr	Mall Dr to AJ Hall Blvd	Add turn lane and relocate traffic signal at Mall Dr to AJ Hall Blvd	64.09	20	25	\$4,889,549	TBD	Yes	EJ	
N40-06	N/A	Nolanville Railroad Crossing Safety	Pleasant Hill Cemetary Rd to Jack Rabbit Road (4 RR Crossings)	Upgrade crossings for better connections and safety	63.18	21	26	\$500,000	TBD	No	—	
D40-03	N/A	Old TX 81 - Phase I	FM 1237 to Loves Overpass	Widen roadway from 2 to 4 lanes with bicycle lanes, a curb and gutter	61.55	22	27	\$3,500,000	TBD	No	H	
H45-04	N/A	FM 3481 (Stillhouse Lake Rd) Phase 2	Proposed Chaparral Rd Intersection to South City Limits	Widen roadway from 2 to 4 lanes with a continuous center turn lane and sidewalks	60.84	24	28	\$6,306,620	TBD	No	H, ARZ, P	
K40-16	N/A	East Trimmier Rd Improvements	Stagecoach Rd to Chaparral Rd	Widen roadway from 2 to 4 lanes with a continuous center turn lane, sidewalks and bicycle lanes	60.84	23	29	\$7,000,000	TBD	No	EJ	
H30-01	N/A	Business US 190 (Veterans Memorial Blvd)	N Roy Reynolds to US 190/IH-14	Reduce roadway profile, install curb and gutter; add access management/driveway control, drainage improvements, sidewalks, medians and other context sensitive solutions	60.19	26	30	\$5,000,000	TBD	No	EJ, L, H	
B40-10	N/A	FM 1670	US 190 to Three Creeks Blvd	Widen from 2 to 4 lane roadway with a 10 ft hike and bike trail	59.45	28	31	\$5,643,360	TBD	No	EJ, H	
W35-02	N/A	SH 195 at FM 3470 (SS Loop) Reconstruction	Intersection of SH 195 at FM 3470 (Stan Schlueter Loop)	Upgrade interchange	59.17	29	32	\$52,450,000	TBD	Yes	EJ	
T45-16	N/A	S 1st Street Extension	Loop 363/US 190 to Blackland Rd	Constuct arterial thoroughfare with street trees, sidewalks and bike lanes.	58.49	30	33	\$10,830,000	2020	No	—	
K25-04	N/A	SH 195 Overpass	At Business 190	Construct grade separation over Business 190 and BNSF RR	58.35	31	34	\$20,000,000	TBD	Yes	EJ	

B40-11	N/A	FM 2271 (Lake to Lake Road)	FM 1670 to FM 2271	Construct 4 lane roadway with 10 ft wide trail	57.74	32	35	\$49,700,000	TBD	No	EJ, H, P	Regionally Significant Unfunded List: \$444,606,989
T45-15	N/A	Temple Outer Loop - East	IH-35 N to FM 93 at Business 190	Construct a 4 lane divided roadway with a curb and gutter; includes hike and bike trail and dedicated bike lanes to incorporate multimodal transportation	57.34	33	36	\$74,000,000	2023	No	EJ	
B40-07	N/A	Connell St	US 190/IH-14 to Loop 121	Widen from 2 to 4 lanes with center turn lane and 5 ft wide sidewalks	56.64	34	37	\$5,244,000	TBD	No	EJ	
W35-09	N/A	FM 93	SH 95 to SH 36	Widen from 2 to 4 lanes, provide for a raised median	56.37	35	38	\$5,245,000	TBD	Yes	EJ	
K40-26	N/A	Cunningham Rd	US 190/IH-14 to Little Nolan Rd	Construct and widen from 2 to 4 lane road with shoulder, median turn lane, bike and pedestrian facilities	56.27	36	39	\$7,817,350	TBD	No	EJ	
K40-03	N/A	FM 3470 Extension	SH 201 (Clear Creek Rd) to US 190 Bypass	Construct 4 lane FM Road with continuous turn lane and shoulders	56.17	37	40	\$15,000,000	TBD	No	H	
H45-02	N/A	E FM 2410 (E Knights Way) Phase 2	Warriors Path to Rummel Rd	Construct 4 lane FM Road with continuous turn lane and shoulders	55.84	38	41	\$5,149,800	TBD	No	L	
K40-17	N/A	Trimmier Rd Improvements	Stagecoach Rd to Chaparral Rd	Widen from 2 to 4 lanes with a median	55.34	39	42	\$7,900,000	TBD	No	EJ, P	
K30-23	N/A	Jasper Bridge Expansion	S Florence Rd to Jasper Dr	Construct 8 lane overpass with pedestrian improvements and turnarounds	54.99	40	43	\$24,628,150	TBD	No	EJ	
K25-05	N/A	Florence Rd	Elms Rd to Jasper Dr	Widen from 2 to 5 lanes with curb and gutter	54.72	41	44	\$6,292,450	TBD	No	EJ	
B40-08	N/A	Sparta Rd	Loop 121 to Dunn's Canyon Rd	Construct protected turn lane with 10 ft wide hike and bike trail	54.46	42	45	\$2,080,000	TBD	No	H, P	
W35-05	N/A	SH 195 at US 190/IH 14	At SH 195	Upgrade interchange	54.36	43	46	\$52,450,000	TBD	Yes	EJ	
T15-02	N/A	Kegley Rd (Phase 2)	856 ft S of FM 2305 to 450 ft S of Wildflower Lane	Widen and add a middle turn lane, curb and gutter; includes 12 ft shared use path and will incorporate multimodal design	51.63	45	47	\$3,800,000	TBD	No	H	
T45-13	N/A	Little River Rd	SE HK Dodgen Loop to FM 93	Reconstruct two lane arterial roadway with a center-turn lane, bike lanes, and 6 ft sidewalks	49.84	46	48	\$12,888,000	TBD	No	EJ	
K40-25	N/A	Bunny Trail/SH 201 (Clear Creek Rd) Traffic Signal	Intersection of Bunny Trail and SH 201 (Clear Creek Rd)	Install traffic signal	49.36	48	49	\$190,000	TBD	Yes	EJ	
W35-03	N/A	SH 195	FM 3470 (Stan Schlueter Loop) to Chaparral Rd	Reconstruct to a 4 lane freeway with frontage roads	48.45	49	50	\$39,862,000	TBD	Yes	EJ, H	
B40-02	N/A	Southwest Parkway	Loop 121 to W Ave O	Construct 2 lane roadway with center turn lane	48.10	51	51	\$4,200,500	TBD	No	---	
N45-01	N/A	FM 439 Roundabout	Intersection of Main St (FM 439 Spur) and Avenue I	Construction of a roundabout	47.83	52	52	\$10,000,000	2022	No	---	
T45-11	N/A	East Young Ave	Lower Troy Rd to Loop 363	Reconstruct and realign roadway from 2 to 4 lanes with a 6 ft wide sidewalk, and a center turn lane.	47.50	53	53	\$3,940,000	2023	No	EJ	
K40-06	N/A	FM 2484	SH 195 to IH-35	Widen from 2 to 4 lane divided roadway	45.08	54	54	\$35,000,000	TBD	No	H, ARZ, P	
B30-02	N/A	Shanklin Rd West - Outer Loop	IH-35 to E end of Three Creeks subdivision	Construct 4 lane roadway	44.82	55	55	\$10,820,000	TBD	No	---	
B40-09	N/A	West Avenue D	Loop 121 to Wheat Rd	Construct 2 lane roadway with sidewalks and bike lanes	44.09	56	56	\$4,918,500	TBD	No	EJ	
N45-03	N/A	Nola Ruth Reconfiguration	Intersection of Nola Ruth Blvd at US 190/IH-14	Improve intersection to enhance safety	43.84	57	57	\$10,000,000	2025	No	---	
B30-03	N/A	Belton Outer Loop East	IH-35 at Shanklin Rd to FM 436	Construct 2 lane roadway with shoulder	43.46	58	58	\$12,060,000	TBD	No	---	
B40-01	N/A	Huey Dr	Washington Dr to IH-35 Frontage Rd	Construct 2 lane roadway with a center turn lane	42.92	59	59	\$2,615,000	TBD	No	EJ	
T45-17	N/A	Azalea Dr	Lowes Dr to S 1st St Future Extension	Construct new 2 lane roadway with a continous center turn lane, 5 ft bike lanes, and 6 ft sidewalks	42.50	60	60	\$4,975,000	2020	No	EJ	
B30-01	N/A	George Wilson Extension	FM 93 at George Wilson Rd to FM 439	Construct 2 lane roadway with shoulder	42.19	61	61	\$1,386,984	TBD	No	EJ	
H30-03	N/A	FM 3219	Veterans Memorial Blvd/Business 190 to FM 439	Widen from 2 to 4 lane divided roadway	42.10	62	62	\$8,000,000	TBD	No	L,H	
B45-08	N/A	Mesquite Rd Improvements	IH-35 Frontage Rd to Shanklin Rd	Widen to 2 lanes with a curb, gutter, shoulders, bicycle lanes, and a 6 ft wide sidewalk on both sides	41.50	63	63	\$3,591,000	2020	No	H	
N45-02	N/A	FM 439 Shoulder Improvements & Bike Lanes	N 38th St to Sparta Rd	Construct a continuous shoulder and bicycle lane	38.17	64	64	\$1,600,000	2020	Yes	EJ, P	
N40-07	N/A	Warrior's Path Extension Phase I	Old Nolanville Rd to US 190/IH-14	Extend Warriors Path to US 190/IH -14	38.08	65	65	\$5,703,255	TBD	No	H	
T45-10	N/A	East Ave C	14th St to 24th St	Reconstruct roadway to 2 lanes and add bicycle lanes, sidewalks, lighting, and landscaping.	35.17	67	66	\$2,630,000	2023	No	EJ	
T45-12	N/A	Lake Pointe Dr	SH 317 to Clinite Grove Blvd (Future Collector)	Construct 2 lane roadway with bike lanes and sidewalks	33.49	68	67	\$4,000,000	2023	No	---	
T45-14	N/A	Lower Troy Rd	East Young Ave to Loop 363	Reconstruct roadway to 2 lanes with a continuous center-turn lane and 6 ft sidewalks	29.33	69	68	\$6,920,000	2023	No	EJ	

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

TRANSPORTATION CHOICES/LIVABILITY PROJECTS ⁸													
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding ^{4,9}	
T40-13	0909-36-173	Temple's Georgetown Rails to Trails	S 5th St to FM 93	Construct 10 ft wide hike and bike trail	84.73	3	2	\$2,000,000	2026	No	EJ, H, P	Category 9: Years 5-10 Short Range Allocations: \$3,700,000 UTP 10-Year Fiscal Constraint: \$254,490,702 Available: -\$299,133	
D40-02	N/A	North Waco Rd (Old 81) - Sidewalk	West Main St to West Big Elm	Construct 10' wide bicycle and pedestrian facility	69.02	11	5	\$1,700,000	2027	No	—		
K45-01	N/A	Heritage Oaks Hike & Bike Trail Segment 2	Siltstone Dr to Fawn Dr	Construct shared use path for bicyclists and pedestrians	58.57	26	6	\$1,200,000	2020	No	EJ	Category 9 Funding: Years 11-25 Long Range Allocations: \$28,337,029 MTP Long Range Fiscal Constraint: \$41,600,000 Available: \$13,262,971	
S40-02	N/A	Salado Creek Off-Road Trail: Pace Park	Pace Park along Pace Park Rd	Construct 10 ft wide trail	57.44	27	7	\$199,965	TBD	No	ARZ, ES, P		
B45-01	N/A	Belton's Georgetown Rails to Trails	E Ave B to Leon River Bridge	Construct 10 ft wide shared use path to connect KTMPO projects B40-05 and T40-13	86.01	2	8	\$2,040,000	TBD	No	EJ, H		
T45-02	N/A	Downtown Sidewalks - 1st and 3rd St	Mayborn Civic Center to Ave F	Construct and repair sidewalks with ADA-compliance ramps, crosswalks and landscaping	75.42	4	9	\$2,720,000	TBD	Yes	EJ, P, H		
B45-02	N/A	6th Ave Sidewalk & Shared Use Path	Main St (SH 317) to IH 35 Frontage Rd	Construct 6 ft wide sidewalk on north side of 6th Ave, 10 ft wide SUP on the south side and relocate utilities underground.	73.44	5	10	\$6,000,000	TBD	Yes	EJ, L		
B45-05	N/A	Commerce/Industrial Shared Use Path	Sparta Rd to Main St (SH 317)	Construct 10 ft wide shared use path on east side of Commerce St and north side of Industrial Park Rd; provide curb and gutter along Commerce St	72.15	8	11	\$1,233,333	TBD	No	H		
B40-12	N/A	Belton Hike and Bike Trail Extension Southwest	Confederate Park to Nolan Creek Pedestrian Bridge	Construct 10 ft wide hike and bike trail	71.08	9	12	\$3,252,480	TBD	No	EJ, H, P		
T45-03	N/A	E Central Sidewalks	MLK Dr to N. 22nd St	Construct 6 ft wide sidewalks, repair existing sidewalks with crosswalks and landscaping.	69.29	10	13	\$600,000	TBD	No	EJ, P		
B45-04	N/A	Beal St Sidewalk	E 24th Ave to E 6th St	Construct 5 ft sidewalk on east side from E. 24th Ave to Downing St, construct 5 ft sidewalk on both sides from E 13th Ave to Railroad Track, and construct 5 ft sidewalk on west side from Railroad Track to E. 6th Ave with bicycle signage along entire project	69	12	14	\$282,500	TBD	No	EJ, P		
T45-08	N/A	West Adams Sidewalks	Olaf Dr to IH 35	Construct 6 ft wide sidewalk	68.71	13	15	\$950,000	TBD	Yes	EJ		
T45-06	N/A	South Pea Ridge Greenbelt Trail	W Adams Ave (FM 2305) to Poison Oak Rd	Construct 8 ft wide trail along linear park east of S Pea Ridge Rd and through Von Rosenberg Park	66.57	14	16	\$1,680,000	2023	No	P		
T40-25	N/A	Bird Creek Interceptor Trail	N side of Lions Community Park to Midway Dr (near Bonham Middle School)	Construct 8 ft wide trail	66.43	15	17	\$375,000	TBD	No	P		
B45-07	N/A	Avenue H Sidewalk/Rd Improvements	Main St (SH 317) to Saunders St	Construct 5' wide sidewalk on north side of Ave H with Bicycle Signage and reconstruct roadway and widen to 2 lanes from Connell St. to Saunders St.	66	16	18	\$429,167	TBD	No	EJ		
T45-09	N/A	Apache Dr Sidewalks	W Adams Ave (FM 2305) to Gila Trail	Construct 6 ft. wide sidewalks and crosswalks	65.84	17	19	\$325,000	2023	No	EJ		
T45-07	N/A	Temple Lake Park Connection	FM 2271 to Temple Lake Park	Construct 8 ft wide hike and bike trail	64.56	18	20	\$2,640,000	2023	No	P		
T25-05	N/A	FM 2271 Trail	FM 2305 to Miller Spring Park	Construct 8 ft wide trail	63.88	19	21	\$950,000	TBD	Yes	H, P		
T45-04	N/A	Friars Creek Trail	Friars Creek Trail Terminus to S 1st St Future Extension	Construct 10 ft wide hike and bike trail to extend and connect to existing trail sections	63.85	20	22	\$500,000	2023	No	—		
N40-05	N/A	FM 439 Spur Connectivity	Main St to North Dr	Construct 10 ft wide sidewalk, ADA ramps and crosswalks, improve shoulders at Main St	63.71	21	23	\$967,500	TBD	No	—		
T45-01	N/A	Canyon Creek Trail	Canyon Creek Dr to Lions Park	Construct 8 ft hike and bike trail	62.58	22	24	\$720,000	2023	No	P		
S40-01	N/A	Salado Creek Shared Use Path - Royal St	Main St at College Hill Dr to 0.09 mi N of Royal St on Center Circle	Construct alternate transportation route consisting of shared-use path for bicyclists and pedestrians	62.42	23	25	\$368,959	TBD	No	ARZ, H, ES		
T45-05	N/A	Hickory Rd Sidewalk	Midway Dr to Aspen Trail	Construct 6 ft sidewalk with crosswalks	61.43	24	26	\$500,000	TBD	No	P		
B45-06	N/A	Central Ave Sidewalk & Traffic Signals	Main St (SH 317) to Pearl St	Upgrade to a 5 ft wide sidewalk on north side of Central Ave and install pedestrian crossing infrastructure at intersection of Main St (SH 317) to Pearl St.	59.29	25	27	\$403,125	TBD	No	—		
N40-09	N/A	Pleasant Hill Rd	Lonesome Oak Dr to Ave I	Construct Class 2, buffered on-street bike lane	N/A	N/A	N/A	\$500,000	N/A	No	H	Unscored/Unfunded List	
N40-11	N/A	Nolan Creek Off System Trail	Bridge on Old Nolanville Rd to Levy Crossing	Construct 10 ft multi-use trail bordering Nolan Creek	N/A	N/A	N/A	N/A	N/A	No	H		
N40-12	N/A	Jack Rabbit Road Bike Thoroughfare	US 190 to FM 439 and through Park to School	Add Class 2 Bike Lanes on system	N/A	N/A	N/A	N/A	N/A	No	—		
N40-13	N/A	Wild Wood Trail	Lonesome Oak Dr to Ave I	Construct an 8 ft wide multi use trail	N/A	N/A	N/A	\$400,000	N/A	No	—		
S40-04b ¹	N/A	Main St Sidewalks Phase 2	College Hill Dr to Salado Plaza Dr	Main St improvements to include pavement widening, bike paths, drainage improvements.	N/A	N/A	N/A	\$2,223,044	N/A	No	H, ARZ, ES		
K40-21b	N/A	Heritage Oaks Hike & Bike Trail Segment 5	Chaparral Rd @ Rosewood Dr to USACE Property	Construct shared use path for bicyclists and pedestrians	N/A	N/A	N/A	\$1,300,000	N/A	No	EJ, ARZ		

TRANSIT PROJECTS												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding ⁴
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

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.

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

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

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

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

⁵Project is a combination between C35-02a and C35-02b. Projecct C35-02b was the top prioritized livability project.

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

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

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

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

* Administrative Amendments

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

Short Range funding amounts (0-10 years) come from the latest TxDOT Unified Transportation Plan (UTP).

Long Range funding amounts (10-15 years) are determined by outputs from the TRENDS model (see note ⁴)

How projects in the list are funded:
White - Projects in the TIP are listed first, their total estimated cost is deducted from the total UTP fiscal constraint.
Green - The remaining UTP funding is then allocated to the next highest ranked projects from both the Roadway and Livability tracks until the funding cap is reached.
Green colored projects are projected to receive funding within the first 10 years of the planning period.
Blue - Projects following the Short Range funding section are allocated funds from the estimated Long Range MTP funding from highest ranking on down until the funding cap is reached. Blue projects are projected to receive funding during the last 15 years of the planning period.
Orange - When all estimated funding sources have been 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 9 funding estimates only.
Projects in the Roadway Track are allocated funding from the latest Category 2 and Category 7 estimates.

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

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



2045 Metropolitan Transportation Plan Project Listing

MTP LET PROJECTS THAT ARE STILL ACTIVE

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding Amounts
H15-02b	2304-02-036 2304-02-040	FM 2410	Roy Reynolds Dr to Commercial Dr	Widen from 2 to 4 lane roadway with sidewalks, median and turn lanes incorporating context sensitive design	N/A	N/A	N/A	\$8,800,000	2016	Yes	N/A	FY15-FY17 MPO Proposition 1: \$17,800,000
W40-02	0231-03-143	US 190	1.0 mi W of FM 2410 to FM 3423 (Indian Trail)	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	N/A	1	N/A	\$9,000,000	2018	Yes	N/A	
W40-06	0231-03-145 0231-04-061	US 190	Knights Way to FM 2410 in W Belton	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	87.45	1	1	\$39,000,000	2019	Yes	H	FY18-20 Category 2: \$74,000,000
W40-05	0231-04-060	US 190	FM 2410 in W Belton to IH-35	Widen main lanes from 4 to 6 lanes and resurface	83.79	3	3	\$35,000,000	2020	Yes	EJ	
W40-03	0231-03-146	US 190 Turnaround	At Clear Creek Rd	Roadway reconfiguration to improve turning movements (Turnaround)	42.11	42	6	\$4,000,000	2018	No	EJ	FY18-20 Category 2 Funds (\$2,100,000) and Category 7 Funds (\$1,900,000): \$4,000,000
W35-12	0185-01-030	US 190 (Rogers Relief Route)	2.0 mi S of FM 436 in Heidenheimer to Milam County Line	Widen from 2 to 4 lane divided rural highway	45.56	36	38	\$62,800,000	2020	Yes	H	FY19 Category 4 Funds: \$62,800,000
H40-02	0909-36-153	Traffic Circle at Commercial Dr	Intersection of Commercial Dr and Heights Dr	Construct traffic circle at intersection of Commercial Dr and Heights Dr	40	6	5	\$489,249	2018	No	EJ	FY15-17 Category 7 Funds: \$15,530,684
K30-02	0909-36-156	Rosewood Dr Extension	Riverstone Dr to Chaparral Dr	Construction of a 4 lane roadway with center median and an off-system bridge	38	4	6	\$7,965,049	2018	No	EJ, ARZ	
N40-01	2057-01-009	Main St Connectivity	Ave I to US 190 Frontage Rd	Construct ADA bicycle and pedestrian pathways along Main St and under US 190	31	3	3	\$596,386	2018	No	N/A	
T35-24	0909-36-155	Prairie View Road Enhancements	W of SH 317 to N Pea Ridge Rd	Construction of a 4 lane roadway, aligning FM 2483 to Prairie View Rd with a signalized intersection	39	5	4	\$6,480,000	2018	Yes	N/A	
K40-27 ¹	0836-02-073	SH 195	0.1 mi N of FM 3470 to 0.1 mi S of FM 3470	Turnaround underpass for northbound and southbound traffic on SH 195 frontage roads and FM 3470 (Stan Schlueter)	42.68	41	7	\$800,000	2019	Yes	EJ	FY18-20 Category 7 Funds: \$10,206,956
H35-01	0231-03-147	US 190 at FM 2410	East Central Tx Expy W to East Central Tx Expy E	Construction of a west to east turnaround at FM 2410	67.11	6	8	\$5,000,000	2020	Yes	N/A	
T40-12	1835-02-058	31st St Sidewalks (FM 1741)	Marlandwood Rd to Canyon Creek Rd	Installation of 6 ft sidewalks on both sides of FM 1741	94.35	1	1	\$500,000	2019	Yes	N/A	
C40-05	3128-01-013 3131-01-007	FM 116 & 3046 Sidewalks	Business 190 to Dennis St	Construct ADA compliant sidewalks and bike lanes	77.88	5	4	\$975,000	2020	Yes	H, P	
C40-04c	0909-39-133	The Narrows (Charles Tillman Way)	Charles Tillman Way from Constitution Dr to Charles Tillman Way @ RG III Blvd	Construct shared use path for bicycle and pedestrian use	70.32	11	6	\$170,000	2020	No	EJ, H	
S40-04a	2136-01-020	Main St Sidewalks Phase 1	Salado Plaza Dr to College Hill Dr (North End)	Main St. improvements to include lighting, sidewalks, and striping for bicycles	81.01	3	7	\$1,616,956	2019	No	H, ARZ, ES	
A45-01	0909-36-170	HCTD Fleet Replacement Project	Hill Country Transit, Killeen UZA-Two, Temple UZA-One	Purchase Buses to Provide Transportation	N/A	N/A	N/A	\$1,145,000	2019	N/A	N/A	
C40-04a	0909-39-131	The Narrows (Constitution Drive)	Constitution Dr from Bowen Ave to 0.2 mi S Martin Luther King Jr. Blvd	Construction of sidewalks for bicycle and pedestrian use	72.78	8	9	\$850,000	2020	No	EJ,H	FY 18-20 Category 7 (\$360,000) and Category 9 (\$490,000): \$850,000
K40-23	0909-36-160	Heritage Oaks Hike and Bike Trail, Segment 3A	Rosewood Dr from Nickelback Dr to Pyrite Dr	Construction of a hike and bike trail with lighting	23	1	1	\$800,000	2018	No	EJ, ARZ	FY15-17 Category 9 Funds: \$800,000
C40-04b	0909-39-132	The Narrows (RG III at Old Copperas Cove Rd)	RG III Blvd from Constitution Dr to Old Copperas Cove Rd at Constitution Dr	Construct sidewalks for bicycle and pedestrian use	70.87	9	10	\$680,000	2020	No	EJ, H	FY18-20 Category 9 Funds: \$680,000
B40-04	0909-36-157	Chisholm Trail Corridor Hike and Bike Facility Phase II	University Blvd 0.25 mi. south of Crusader Way to Tiger Dr 0.10 mi. north of Sparta Rd	Construct sidewalks and shared use path--widths vary from 8 ft to 10 ft; includes landscaping and lighting.	N/A	N/A	N/A	\$2,670,615	2019	No	N/A	FY15 Statewide TAP Funds: \$6,118,899
K40-21a	0909-36-152	Killeen Heritage Oaks Hike and Bike Trail, Segment 4	Platinum Dr to Chaparral Rd	Construct shared use path for pedestrians and bicyclists	N/A	N/A	N/A	\$3,448,284	2018	No	EJ, ARZ	

End of Packet