



Transportation Planning Policy Board

**January 16, 2019
9:30 a.m.**

Agenda



**Killeen-Temple Metropolitan Planning Organization
Transportation Planning Policy Board
Wednesday, January 16, 2019
Central Texas Council of Governments Building
2180 North Main Street, Belton, Texas 76513**

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

1. Call to Order.
2. Opportunity for Public Comment.(1)
3. Staff Update: Administrative Amendments; Advisory Committees; Air Quality.
4. **Action Item:** Approve minutes from December 12, 2018 meeting.
5. **Discussion and Action Item:** Regarding nomination and election of TPPB Vice Chair for FY2019.
6. **Discussion and Action Item:** Approve proposed amendments to the 2040 Metropolitan Transportation Plan (MTP) and FY19-22 Transportation Improvement Program (TIP) for removal of Killeen's project K40-21b, Heritage Oaks Hike & Bike Trail Segment 5.
7. **Discussion and Action Item:** Approve proposed amendments to the 2040 MTP and FY19-22 TIP for TxDOT Waco District's project W35-12, US190 (Rogers Relief Route).
8. **Discussion and Action Item:** Approve proposed amendments to the 2040 MTP and FY19-22 TIP regarding prioritization of MTP projects from the 2018 Call for Projects and allocation of FY21-22 Category 2, 7, and 9 funds.
9. **Discussion and Action Item:** Approve proposed Resolution No. 2019-01 to support Hill Country Transit District's State of Good Repair Transit Targets.
10. **Discussion and Action Item:** Approve proposed Resolution No. 2019-02 to support the State's Safety Performance Targets.
11. **Discussion and Action Item:** Regarding approval of amendment to the FY18-19 Unified Planning Work Program (UPWP) regarding Task 5.2 TDM/Project Selection.
12. **Discussion Item:** Public input received through December 31, 2018.
13. Member comments.
14. Adjourn.

**Workshop - To Follow Regular Scheduled Meeting if Needed
AGENDA**

1. Call to order.
2. Discussion on any of the following topics (if needed):
 - a. Current or past KTMPO documents and plans to include Unified Planning Work Program, Transportation Improvement Program, By-Laws, Public Participation Plan, Regional Thoroughfare/Bicycle Pedestrian Plan, Metropolitan Transportation Plan, Congestion Management Process, Annual Performance Expenditure Report, Annual Project Listing, Texas Urban Mobility Plan, Unified Transportation Plan, Federal Certification Process;
 - b. Past or Future KTMPO Meeting processes or happenings;
 - c. KTMPO Current, Past or Future MPO Boundary Studies;
 - d. KTMPO Past or Future Annual Meetings;
 - e. Current, Past or Future KTMPO Budgets and funding conditions;
 - f. Rural Planning

The Killeen-Temple Metropolitan Planning Organization is committed to compliance with the Americans with Disabilities Act (ADA). Reasonable accommodations and equal opportunity for effective communications will be provided upon request. Please contact the KTMPO office at 254-770-2200 24 hours in advance if accommodation is needed. (1)Citizens who desire to address the Board on any matter may sign up to do so prior to this meeting. Public comments will be received during this portion of the meeting. Comments are limited to 3 minutes maximum. No discussion or final action will be taken by the Board.



Organizations and/or Regional Mobility Authorities; g. Special Funding for Projects; h. Legislative Changes; i. Status of MPO Projects; j. Staff, TxDOT, Consultant, Guest presentations relating to transportation; k. Meetings pertaining to any transportation related items/topics.

3. Adjourn.

Item 3: Staff Update
Administrative Amendment

KTMPO Administrative Amendments

January 16, 2019

KTMPO ID: W45-01

Administrative Amendment: MTP

- KTMPO project W45-01, I-14 ATMS, was selected for funding at the December 12, 2018 TPPB meeting. During the public involvement period, the limits on the proposed MTP amendment stated that the limits were from Coryell County Line to FM 3423 (Indian Trail) which were the incorrect limits. The correct limits are Coryell County Line to FM 2410 as shown on the TIP sheets for this project. An administrative amendment is sufficient to accommodate these changes since these limits are within the project limits that were displayed during the public involvement period.

KTMPO ID: T40-07a

Administrative Amendment: MTP and TIP

- KTMPO project T40-07a, Temple's Outer Loop West Phase I, was selected for funding at the December 12, 2018 TPPB. During the public involvement period, the limits on the proposed TIP and MTP amendments were Jupiter Dr to I-35 S. After public involvement ended, KTMPO received updated limits for this project. The updated project limits are 522 ft South of Jupiter to 454 ft South of Dove Meadow Blvd. An administrative amendment is sufficient to accommodate these changes since these limits are within the project limits that were displayed during the public involvement period.

KTMPO ID: T40-07b

Administrative Amendment: MTP

- KTMPO project T40-07, Temple's Outer Loop West, was submitted during the 2018 Call for Projects and was scored and ranked. During the December 12, 2018 TPPB meeting, T40-07 was phased out with project T40-07a, Temple's Outer Loop West Phase 1 being selected for funding, and T40-07b, Temple's Outer Loop West Phase 2, was not selected for funding and was placed in the Regionally Significant Unfunded List of the MTP. The limits for Phase 2 was Jupiter Dr to I-35 S. After public involvement was completed, KTMPO received updated project limits of 454 ft S. of Dove Meadow Blvd. to I-35 S. An administrative amendment is sufficient to accommodate these changes since these limits are within the project limits that were displayed during the public involvement period.

Item 4:
Meeting Minutes



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

Wednesday December 12, 2018
9:30 AM

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

Policy Board Voting Members Present

Vice Chair Mayor Tim Davis—City of Temple	Mayor Jose Segarra—City of Killeen
Cheryl Maxwell for Mayor Marion Grayson—City of Belton	Judge John Firth—Coryell County
Councilmember Dan Yancey for Mayor Frank Seffrood—City of Copperas Cove	Courtney Jones for Stan Swiatek—Texas Dept. of Transportation (TxDOT) Waco District
Mayor Spencer Smith—City of Harker Heights	Carole Warlick—Hill Country Transit District (HCTD)
Jason Deckman for Councilmember Susan Long—City of Temple	

Policy Board Non-Voting Members Present

Kris Manning for Brian Dosa—Ft. Hood

Others Present

Courtney Jones—TxDOT Waco District	Ryan Haverlah—City of Copperas Cove
Darrell Burtner—HCTD	Bobby Lewis—City of Copperas Cove
Danielle Singh—City of Killeen	Uryan Nelson—KTMPPO
Kara Escajeda—City of Nolanville	Kendra Coufal—KTMPPO
Erin Smith—City of Temple	Sydnee Steelman—KTMPPO
Keith Sledd—Heart of Texas Defense Alliance	John Weber—KTMPPO

Meeting Minutes

- 1. Call to Order:** Vice Chair Mayor Tim Davis called the meeting to order at 9:33 a.m.
- 2. Opportunity for Public Comment:** No comments were made from the public.
- 3. Staff Update:** KTMPPO staff provided the following updates.

John Weber stated that Bicycle/Pedestrian Advisory Committee is scheduled for January 8 at 9:00 am and Freight Advisory Committee meeting will be scheduled in mid-February. Ozone readings for the month of November were 50 ppb at the Killeen station and 48 ppb at the Temple station.

4. Action Item: Approval of minutes from November 14, 2018 meeting.

Mayor Jose Segarra made a motion to approve November 14, 2018 meeting minutes, seconded by Mayor Spencer Smith; the motion passed unanimously.

5. Discussion and Action Item: Initiation of public involvement process regarding amendments to the 2040 Metropolitan Transportation Plan (MTP) and FY19-22 Transportation Improvement Program (TIP) for removal of Killeen's project K40-21b, Heritage Oaks Hike and Bike Trail Segment 5.

Kendra Coufal stated that an amendment to the 2040 MTP and FY19-22 TIP is needed to remove \$1,300,000 of Category 7 funds from project K40-21b. Due to right of way and topographical issues, the cost for this project significantly increased and the amount awarded is not enough to fund this project. Ms. Coufal stated that a 15 day public comment period and a public forum is needed for this amendment.

Mayor Spencer Smith made a motion to initiate the public involvement process for the proposed MTP and TIP amendment, seconded by Carole Warlick; the motion passed unanimously.

6. Discussion and Action Item: Initiation of public involvement process Initiation of public involvement process regarding amendments to the 2040 Metropolitan Transportation Plan (MTP) and FY19-22 Transportation Improvement Program (TIP) for TxDOT Waco District's project W35-12, US 190 (Rogers Relief Route).

Kendra Coufal stated an amendment to the 2040 MTP and FY19-22 TIP is needed for project W35-12, US 190 (Rogers Relief Route). In 2018, TxDOT Waco District allocated \$62,800,000 of Category 4 funds to this project. Ms. Coufal explained that a MTP amendment is needed to move this project from the "Unfunded List" to the "Miscellaneous Section" of the MTP and a TIP amendment is needed to add this project to the TIP. A 15 day public comment period and a public forum is needed for this amendment.

Mayor Jose Segarra made a motion to initiate the public involvement process for the proposed MTP and TIP amendment, seconded by Councilmember Dan Yancey; the motion passed unanimously.

7. Discussion and Action Item: Initiation of public involvement process regarding amendments to the 2040 MTP and FY19-22 TIP for the following:

- a) Updated 2040 MTP list of projects from the 2018 Call for Projects;
- b) Allocation of FY21-28 Category 2, 7, and 9 funds.

John Weber explained that staff presented TAC members with four roadway and livability project ranked lists at the November 28, 2018 TAC meeting. Figure A was projects ranked as cumulative score, figure B was projects ranked by cumulative score with bonus points, figure C was projects with local priority ranking consideration and figure D was projects with bonus points and local priority ranking consideration. For roadway projects, TAC recommended roadway Figure D with changes. These changes include swapping project H30-05 (Warriors Path) with project N40-03 (Old Nolanville Rd), changing the title of "Funding Order" to "Prioritized List", add notes discussing the process to determine the prioritized list, keep project T15-06k (I-35 Widening Project) ranking but skip project if funding becomes available, move project H40-03 (Chaparral Rd) to the unscored/unfunded list. For the livability projects, TAC recommended Figure D with the assigning of four bonus points to project B45-03 (13th Avenue Sidewalk & SUP) since a pedestrian was killed earlier this year but was not included in the crash rate analysis. Mr.

Weber explained that a 15 day public comment period and a public forum is needed for the proposed amendments. Mayor Spencer Smith stated that Harker Heights' Warriors Path project is an important project for both the city and also the region.

Carole Warlick made a motion to initiate the public involvement period for the proposed MTP amendment, seconded by Jason Deckman; the motion passed unanimously.

Mr. Weber stated that in the past KTMPO has agreed to allocate 10% of Category 7 funds to HCTD for their transit project. At the November 28, 2018 TAC meeting, TAC members recommended approval of allocating 10% of Category 7 funds to HCTD.

Mr. Weber explained that the match requirements for on-system Category 7 funds are either 80% federal/20% state or 80% federal/20% local. At their December 7, 2018 meeting, TAC members recommended the 80% federal/20% local match as the match requirements for on-system FY21-22 Category 7 funds.

Mayor Jose Segarra made a motion to allocate 10% of FY21-22 Category 7 funds to HCTD and approve the 80% federal/20% local match as the match requirements for on-system FY21-22 Category 7 funds, seconded by Jason Deckman; the motion passed unanimously.

Regarding the allocations of Categories 2, 7, and 9, KTMPO staff presented three funding scenarios based upon estimated funds. For all scenarios, staff assumed a 10% reservation of FY21-22 Category 7 dollars for transit bus replacement project, assumed a local match for FY21-28 on-system Category 7 projects, include the addition of \$1,300,000 of Category 7 dollars due to removing project K40-21b, and skip projects T15-06k (I-35 Widening), W25-04 (SH 36), and W35-04 (FM 439) based on project costs and available funding. Mr. Weber explained that TAC recommended Scenario B with changes. In this scenario, nine roadway projects and four livability projects were funded. The proposed changes to Scenario B includes allocate funds to project K30-13 (Chaparral Rd Phase 1 project) and H30-05 (Warriors Path) with the anticipation that these projects may be further phased out when updated costs for phased sections are provided, combine projects C35-02a (FM 116 Railroad Underpass) and C35-02b (FM 116 Railroad Underpass Sidewalks) as one project, remaining Category 9 funds from C35-02b in the amount of \$223,614 allocated to project T40-13 (Temple's Georgetown Rails to Trails) to fully fund project, remaining \$696,386 allocated to partially fund project D40-02 (North Waco Rd-Old 81 Sidewalks), \$300,500 reduced from Temple's Outer Loop Phase II project award to fund project S40-03 (West Village Rd).

Mr. Weber explained that six projects will be programmed for years FY21-22 and an amendment to the TIP is needed. These six projects include W35-07 (LP 363), W35-01 (US 190 Bypass), W45-01 (I-14 ATMS), T40-07a (Temple's Outer Loop West Phase 1), N40-04 (Nolanville's City Park Connectivity), and B45-03 (13th Avenue Sidewalk and Shared Use Path). Project programmed for FY23-28 will act as placeholders and are not guaranteed funding during the next TIP cycle (FY21-24).

Mayor Jose Segarra made a motion to approve the allocation of Category 2, 7, and 9 funds for FY21-28 and initiate public involvement process for MTP and TIP amendments, seconded by Carole Warlick; the motion passed unanimously.

8. Member Comments.

Kendra Coufal provided TPPB with public comments received through November 30, 2018.

9. Adjourned: The meeting adjourned at 9:57 a.m.

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

Mayor Tim Davis Chair

Jim Reed, KTMPO Director

Item 5:

**Nomination and Election of
TPPB Vice Chair for FY2019**



Transportation Planning Policy Board
January 16, 2019

Agenda Item #5

Regarding nomination and election of TPPB Vice Chair for FY2019

Due to the passing of Mayor Frank Seffrood, Vice Chair Mayor Tim Davis will assume the role of TPPB Chair for FY19. Nominations are needed to elect a new Vice Chair for the remainder of the FY19 term.

Action Needed: TPPB nominations and election of Vice Chair for FY2019.

Item 6:

**MTP and TIP Amendment for
Killeen's Project K40-21b**

**Amendment to the 2040 MTP and FY19-22 TIP for
Killeen's Heritage Oaks Hike & Bike Trail Segment 5 Project**

MTP Background

The MTP is the 25 year long range planning document for KTMP. The MTP includes a short and long-range prioritized project listing incorporating projects expected to be funded within the document's 25 year planning horizon. The project listing is fiscally constrained based on projected funding the MPO expects to receive in the 25 year planning period. The document also lists regionally significant unfunded projects. Projects must be included in the funded section of the MTP in order to receive state or federal funding.

TIP Background

The TIP is a 4-year transportation planning document that includes a detailed listing of projects reasonably expected to begin within a four year period. The current TIP covers FY19 through FY22. Projects included in the TIP must be consistent with the Metropolitan Transportation Plan (MTP) and are chosen based on regional priority and available funding. An amendment to a TIP is not completed until the change has also been included in the STIP—Statewide Transportation Improvement Program.

Amendment to the 2040 MTP and FY19-22 TIP

In 2017, \$1,300,000 in Category 7 funds was allocated to project K40-21b, Heritage Oaks Hike & Bike Trail Segment 5. This project constructed a shared-use path for pedestrians and bicyclists from Chaparral Rd to USACE Property. Due to right-of-way and topographical issues, the cost of the project cost exceeded the \$1,300,000 needed to fund this project. An amendment to the 2040 MTP is needed to move the project from the "Category 7 Projects Funded List" to the "Unscored/Unfunded List". An amendment to the FY19-22 TIP is needed to remove Killeen's project K40-21b from the TIP. The removal of this project will allow funds to be utilized for other KTMP Category 7 projects as approved by the TAC/TPPB.

KTMP held a 15 day public comment period from December 15-December 30, 2018 with two public forums in Killeen and Rogers. KTMP did not receive public comments for the proposed amendments. At the January 2, 2019 TAC meeting, TAC recommended approval of the proposed amendments.

Tentative Schedule:

- December 5, 2018—TAC recommends initiation of PI process for MTP and TIP amendments.
- December 12, 2018—TPPB approves Initiation of PI process for MTP and TIP amendments.
- December 15-30, 2018—Public Comment Period.
- December 18, 2018 – Public forum at 5:00pm at Rogers ISD Highschool Cafeteria, located at 210 Alvin Ailey in Rogers; Killeen time and location TBD.
- January 2, 2018—TAC recommends approval of MTP and TIP amendments.
- **January 16, 2018—TPPB approves MTP and TIP amendments.**

Action Needed: Approval of MTP and TIP amendments for removal of Killeen's Heritage Oaks Hike & Bike Trail Segment 5 project.

HIGHWAY PROJECT LISTING

KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2019 - 2022 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2019

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST															
WACO	Bell	0909-36-161	CS	2019	C	Killeen	Killeen	\$1,300,000															
LIMITS FROM:		Chaparral Rd @ Rosewood																					
LIMITS TO:		USACE Property																					
DESCRIPTION:		Construct shared use path for pedestrians and bicyclists																					
REVISION DATE:		Aug-17																					
MPO ID:		K40-21b																					
FUNDING CATEGORY:		7																					
PROJECT HISTORY:		Heritage Oaks																					
REMARKS:		August 2017 KTMO selected project																					
TOTAL PROJECT COST INFORMATION:		COST OF PROJECT \$1,300,000																					
PRELIMINARY ENGINEERING:		\$18,000																					
RIGHT OF WAY:		\$1,300,000																					
CONSTRUCTION:		\$27,000																					
CONSTRUCTION ENGINEERING:		10,000																					
INDIRECTS:																							
BOND FINANCING:																							
TOTAL PROJECT COST (YOE):		\$1,355,000																					
AUTHORIZED FUNDING BY CATEGORY:		<table border="1"> <tr> <th>CATEGORY:</th> <th>FEDERAL:</th> <th>STATE:</th> <th>LOCAL:</th> <th>TOTAL:</th> </tr> <tr> <td>7</td> <td>\$1,040,000</td> <td>\$0</td> <td>\$260,000</td> <td>\$1,300,000</td> </tr> <tr> <td>TOTAL</td> <td>\$1,040,000</td> <td>\$0</td> <td>\$260,000</td> <td>\$1,300,000</td> </tr> </table>							CATEGORY:	FEDERAL:	STATE:	LOCAL:	TOTAL:	7	\$1,040,000	\$0	\$260,000	\$1,300,000	TOTAL	\$1,040,000	\$0	\$260,000	\$1,300,000
CATEGORY:	FEDERAL:	STATE:	LOCAL:	TOTAL:																			
7	\$1,040,000	\$0	\$260,000	\$1,300,000																			
TOTAL	\$1,040,000	\$0	\$260,000	\$1,300,000																			

K40-21b

Work Type:
Sidewalk



- KTMPO Projects**
- █ New roadway
 - █ Additional lanes
 - █ Maint. / Rehab.
 - █ Sidewalk/Trail

- Roads**
- Interstate
 - US Highway
 - State Highway
 - Farm-to-Market
 - County Road
 - Streets

- Other Features**
- Planning Boundary (MAB)
 - Cities
 - Fort Hood
 - Lake
 - Parks

Project Name: Heritage Oaks Hike and Bike Trail, Segment 5
Description: Construct shared use path for pedestrians and bicyclists
New Extents: Chaparral Rd @ Rosewood to USACE Property

ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL



2040 Metropolitan Transportation Plan Project Listing

Short Range Funded (2014-2023) Projects with Allocated Funding as of June 2017 and Listed in the Transportation Improvement Program (TIP)

CATEGORY 7 PROJECTS

KTMP ID	Project Name	Full Extents	Description	Estimated Cost	CAP Network	Funding
A40-03	Bus Replacement FY 15/16/17	Killeen/Temple UZA	Purchase of Fixed Route Service (FRS) buses and/or Special Transit Service buses	\$1,214,606.00	N/A	
B40-03	Main St. Sidewalk Expansion	Ave C to Ave J	Repair and installation of sidewalks along eastern side of Main St	\$405,292.00	Yes	
C40-02a	Ave D Sidewalk	S Main St to S 2nd St	Construct multi-terraced pedestrian walkway to include ramps, railings, crosswalk	\$273,777.00	Yes	
H40-02	Traffic Circle at Commercial Dr	Intersection of Commercial Dr and Heights Dr	Construct traffic circle at intersection of Commercial Dr and Heights Dr	\$489,249.00	No	FY15-FY17 Category 7 Funds: \$17,398,375
K30-02	Rosewood Dr Extension	Riverstone Dr to Chaparral Dr	Construction of a 4 lane roadway with center median with an off-system bridge	\$7,965,049.00	No	
H40-01	Main St. Connectivity	Ave I to US 190 Frontage Rd	Construct ADA bicyclist/pedestrian pathways along Main St. and under US 190	\$596,386.00	No	
T35-24	Prairie View Road Enhancements	W of SH 317 to N Pea Ridge	Construction of a 4 lane roadway, aligning FM 2483 to Prairie View Rd with signalized intersection	\$6,448,000.00	Yes	
K40-27 ¹	SH 195	0.1 MI N of FM 3470 to 0.1 MI S of FM 3470 ⁵	Turnaround underpass for northbound and southbound traffic on SH 195 frontage roads and FM 3470 (Stan Schubert) ⁵	\$800,000	Yes	
H35-01	US 190 at FM 2410	East Central TX Expy W to East Central TX Expy East	Construction of a west to east turnaround at FM 24105	\$5,000,000	Yes	
T40-12	31st St Sidewalks (FM1741)	Marlwoodwood Rd to Canyon Creek Rd	Installation of 6 sidewalks on both sides of FM1741	\$500,000	Yes	
T40-15	Adams Ave/Central Ave. Bicycle/Pedestrian Improvements	IH 35 to MLK Jr Blvd (Spur 290)	Installation of on-street bike lane and ADA compliant sidewalks travelling east on Central Avenue and west on Adams Avenues ⁵	\$1,913,044	Yes	
C40-05	FM 116 E. 3046 Sidewalks	Business 190 to Dennis St. ⁵	Construct ADA compliant sidewalks and bike lanes ⁵	\$975,000	No	FY 18-20 Category 7 Funds: \$12,590,000
K40-21b	Heritage Oaks Hike and Bike Trail, Segment 5	Chaparral Rd to USACE Property	Construct shared use path for pedestrian and bicyclists	\$1,300,000	No	
C40-04c	The Narrows (Charles Tillman Way)	Charles Tillman Way from Constitution Dr to Charles Tillman Way @ RG III Blvd ⁵	Construct sidewalks for pedestrian/bicycle use ⁵	\$170,000	No	
S40-04a ¹	Main St. Sidewalks Phase 1	Salado Plaza Dr to College Hill Dr (North End)	Main St. improvements to include lighting, sidewalks, & striping for bicycles	\$1,616,956	No	
A40-15	Fleet Replacement Project	Killeen UZA	Purchase buses ⁵	\$1,615,000 ⁵	N/A	

CATEGORY 9 STATEWIDE TAP/TASA (TRANSPORTATION ALTERNATIVES PROGRAM) PROJECTS

KTMP ID	Project Name	Full Extents	Description	Estimated Cost	CAP Network	Funding
B40-04	Chisholm Trail Corridor Hike and Bike Facility Phase II	University Blvd. 0.25 mile south of Crusader Way to Tiger Drive 0.10 mi north of Sparta Rd.	Construct sidewalks and shared use path--widths vary from 8 ft to 10 ft; includes landscaping and lighting.	\$2,670,615.00	No	
K40-21a	Killeen Heritage Oaks Hike and Bike Trail, Segment 4	Platinum Dr to Chaparral Rd	Construct shared use path for pedestrians and bicyclist	\$3,448,284.00	No	FY 13-16 Statewide TAP Funds: \$6,720,450
H40-02	Old Nolanville Rd Elementary Bicycle and Pedestrian Safety Improvements	Old Nolanville Rd at Warriors Path to Shaw Branch Creek	Construct alternate transportation route consisting of shared use path for pedestrians and bicyclists	\$601,587.00	No	
B40-05	Belton Hike and Bike Trail Extension South (South Belton Shared Use Path)	IH 35 from FM 436 to Confederate Park Drive	Construct 12 ft wide hike and bike trail. Project will extend along FM 436, IH 35 northbound frontage road and Confederate Park Drive.	\$1,790,570	No	FY 17 TASA Funds: \$1,790,570

MPO CATEGORY 9 TAP (TRANSPORTATION ALTERNATIVES PROGRAM) PROJECTS

TRANSPORTATION CHOICES AND LIVABILITY PROJECTS

KTAIPO ID	Project Name	Full Extents	Description	Project Score	Project Ranking	Funding Order	Estimated Cost	CAP Network	Flagged ³	Funding Sources ²	Funding
C35-02b	Railroad Underpass Sidewalks	S Main (through existing parking facility) to Ave B	Construct 10' wide sidewalk in conjunction with the FM 116 underpass project	80.90	4	3	\$920,000	Yes	—		Short Range Funding: \$5,929,889
B40-06	Bellton North Trail Extension	Confederate Park to Nolan Creek	Construct 10' hike/bike trail	71.33	7	8	\$473,510	No	E, J, P		Long Range Funding: \$15,544,430
T40-13	Georgetown RR Trail	S 2nd St. to Leon River	Construct 10 ft wide trail	70.68	10	11	\$2,000,000	No	E, J, H, P		
B40-12	Bellton Southwest Trail Expansion	Confederate Park to Nolan Creek Pedestrian Bridge	Construct 10' hike/bike trail	69.78	13	13	\$3,232,480	No	E, J, H, P		
H40-04	Park Connectivity	City Park, along Mesquite St. and Ave H to 10th St.	Construct 10' wide sidewalk, ADA ramps and crosswalks, widen pavement by 32" with curb and gutter	69.75	14	14	\$1,558,802	No	P		
H40-05	Spar 439 Connectivity	Main St. to North Dr.	Construct 10' wide sidewalk, ADA ramps and crosswalks, improve shoulders at Main St.	69.55	15	15	\$593,230	No	—		
D40-02	North Waco Rd (Old 81) Sidewalk	West Main St. to West Big Elm	Construct 10' wide pedestrian/bicycle facility	69.22	16	16	\$1,700,000	No	—		
T40-25	Blind Creek Interceptor	N side of Lions Community Park to Midway Dr (near Bonham Middle School)	Construct 8 ft wide trail	69.11	17	17	\$375,000	No	P		Unfunded List
T25-05	FM 2271 Trail	FM 2305 to Miller Spring Park	Construct 8 ft wide trail	67.79	18	18	\$950,000	Yes	H, P		
S40-02	Pace Park Trail	Pace Park along Pace Park Rd	Construct 10 ft wide trail	60.19	19	19	\$199,965	No	ARZ, ES, P		
N40-09	Pleasant Hill Rd	Lonesome Oak Drive to Ave 1	Construct Class 2, buffered on-street bike lane	UNS	N/A	N/A	\$500,000	No	H		
N40-11	Nolan Creek Off System Trail	Bridge on Old Nolantite Rd to Levy Crossing	Construct 10 ft multi-use trail boarding Nolan Creek	UNS	N/A	N/A	N/A	No	H		
N40-12	Jack Rabbit Road Bike Thoroughfare	US 190 to FM 439 and through Park to School	Add Class 2 Bike Lanes on system	UNS	N/A	N/A	N/A	No	—		
H40-13	Wild Wood Trail	Lonesome Oak Drive to Ave 1	Construct an 8 ft wide multi use trail	UNS	N/A	N/A	\$400,000	No	—		
S40-01	Enhancements along Salado Creek	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 pedestrians and bicyclists	UNS	N/A	N/A	\$368,959	No	ARZ, H, ES		
S40-04b ¹	Main St. Sidewalks Phase 2	College Hill Dr to Salado Plaza Dr	Main St. improvements to include pavement widening, bike paths, drainage improvements.	UNS	N/A	N/A	\$2,223,044	No	H, ARZ, ES		
K40-21b	Heritage Oaks Hike & Bike Trail Segment 5	Chaparral Rd	Construct shared use path for pedestrian and bicyclists	UNS	N/A	N/A	\$1,300,000	No	N/A		

¹Projects received funds through TxDOT Project Development.

²Funding includes Categories 2, 7, 8 and others as appropriate.

³Flagged

Symbol

EJ Environmental Justice Community of Concern

L Landfill

I Issues/Anthropological Sites, Historical Markers

ARZ Aquifer Recharge Zone

ES Endangered Species

P Park

¹Administrative Amendment on August 25, 2017

Item 7:

**MTP and TIP Amendment for
Waco District's Project W35-12**

**Amendment to the 2040 MTP and FY19-22 TIP for
Waco District's US 190 (Rogers Relief Route) Project**

MTP Background

The MTP is the 25 year long range planning document for KTMP. The MTP includes a short and long-range prioritized project listing incorporating projects expected to be funded within the document's 25 year planning horizon. The project listing is fiscally constrained based on projected funding the MPO expects to receive in the 25 year planning period. The document also lists regionally significant unfunded projects. Projects must be included in the funded section of the MTP in order to receive state or federal funding.

TIP Background

The TIP is a 4-year transportation planning document that includes a detailed listing of projects reasonably expected to begin within a four year period. The current TIP covers FY19 through FY22. Projects included in the TIP must be consistent with the Metropolitan Transportation Plan (MTP) and are chosen based on regional priority and available funding. An amendment to a TIP is not completed until the change has also been included in the STIP—Statewide Transportation Improvement Program.

Amendment to the 2040 MTP and FY19-22 TIP

In 2018, TxDOT Waco District allocated \$62,800,000 of Category 4 (Statewide Connectivity) funds to project W35-12, US 190 (Rogers Relief Route). This project widens SH36/US190 from 2 lane to 4 lane divided rural highway from 2.0 Mi S of FM 436 in Heidenheimer to the Milam County Line. An amendment to the 2040 MTP is needed to move this project from the "Regionally Significant/Unfunded List" to the "Category 4 Statewide Connectivity" list of the MTP. An amendment to the FY19-22 TIP is also needed to add this project to the TIP.

KTMP held a 15 day public comment period from December 15-December 30, 2018 with two public forums in Killeen and Rogers. KTMP did not receive public comments for the proposed amendments. At the January 2, 2019 TAC meeting, TAC recommended approval of the proposed amendments.

Tentative Schedule:

- December 5, 2018—TAC recommends initiation of PI process for MTP and TIP amendments.
- December 12, 2018—TPPB approves Initiation of PI process for MTP and TIP amendments.
- December 15-30, 2018—Public Comment Period.
- December 18, 2018 – Public forum at 12:00 PM at the Killeen Transportation Center and 5:00pm at Rogers ISD Highschool Cafeteria, located at 210 Alvin Ailey in Rogers.
- January 2, 2018—TAC recommends approval of MTP and TIP amendments.
- **January 16, 2018—TPPB approves MTP and TIP amendments.**

Action Needed: Approval of MTP and TIP amendments for TxDOT Waco District's US 190 (Rogers Relief Route).

HIGHWAY PROJECT LISTING

KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2019-2022 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2020

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
WACO	BELL	0185-01-030	US 190	2019	C	ROGERS	TxDOT	\$62,800,000

2.0 MI S OF FM 436

LIMITS FROM: IN HEIDENHEIMER

LIMITS TO: MILAM C/L

DESCRIPTION:

Widen from 2 lane to 4 lane divided rural highway.

REVISION DATE: Feb-19

MPO ID: W35-12

FUNDING CATEGORY: 4

REMARKS:

Linked to CSJ 0185-02-036

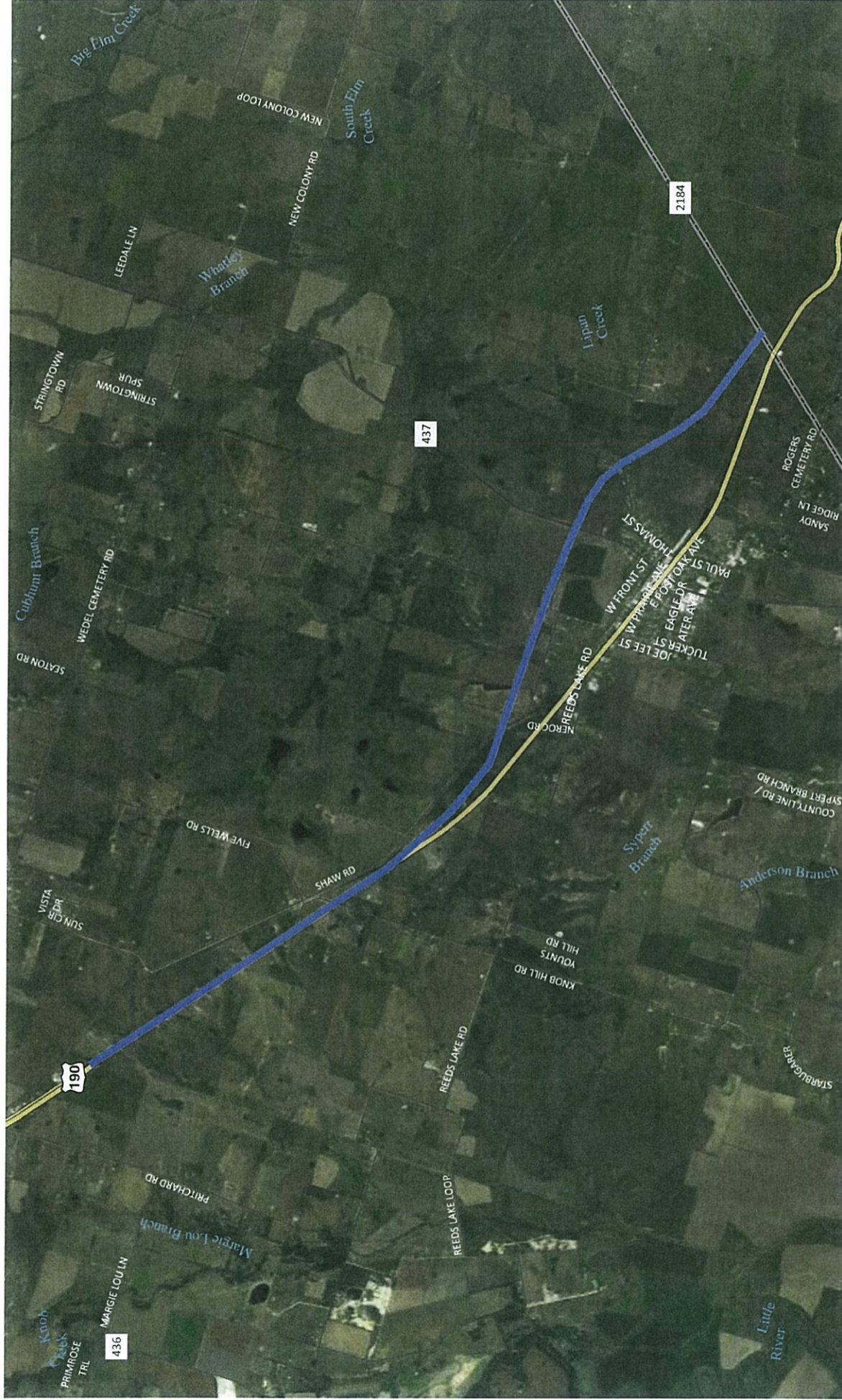
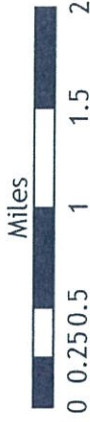
PROJECT HISTORY:

Project linked to
0185-02-036 Milam County
CSJ

TOTAL PROJECT COST INFORMATION:		COST OF APPROVED PHASES:	
PRELIMINARY ENGINEERING:	\$3,169,062	FEDERAL:	\$50,240,000
RIGHT OF WAY:	\$9,528,521	STATE:	\$12,560,000
CONSTRUCTION:	\$64,674,734	LOCAL:	\$0
CONSTRUCTION ENGINEERING:	\$3,207,867	TOTAL:	\$62,800,000
CONTINGENCIES:	\$1,287,027		
INDIRECTS:	\$0		
BOND FINANCING:	\$0		
TOTAL PROJECT COST (YOE):	\$81,867,211	TOTAL	\$62,800,000

W35-12

Work Type:
Additional lanes



KTMO Projects

- New roadway
- Additional lanes
- Maint. / Rehab.
- Sidewalk/Trail

Roads

- Interstate
- US Highway
- State Highway
- Farm-to-Market
- County Road
- Streets

Other Features

- Planning Boundary (MAB)
- Cities
- Fort Hood
- Lake
- Parks

Project Name: US 190

Description: Widen to 4 lane divided rural highway
New Extentis: 2 mi south of FM 436 to Milam County Line

ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL



2040 Metropolitan Transportation Plan Project Listing

Short Range Funded (2014-2023) Projects with Allocated Funding as of June 2017 and Listed in the Transportation Improvement Program (TIP)

CATEGORY 7 PROJECTS

KTMP ID	Project Name	Full Extents	Description	Estimated Cost	CMP Network	Funding
A40-03	Bus Replacement FY 15/16/17	Killien/Temple UZA	Purchase of Fixed Route Service (FRS) buses and/or Special Transit Service buses	\$1,214,606.00	N/A	
B40-03	Main St. Sidewalk Expansion	Ave C to Ave J	Repair and installation of sidewalks along eastern side of Main St.	\$405,292.00	Yes	
C40-02a	Ave D Sidewalk	S Main St to S 2nd St.	Construct multi-terraced pedestrian walkway to include ramps, railings, crosswalk	\$273,777.00	Yes	
H40-02	Traffic Circle at Commercial Dr	Intersection of Commercial Dr and Heights Dr	Construct traffic circle at intersection of Commercial Dr and Heights Dr	\$489,249.00	No	FY15-FY17 Category 7 Funds: \$17,398,375
K30-02	Rosewood Dr Extension	Riverstone Dr to Chaparral Dr	Construction of a 4 lane roadway with center median with an off-system bridge	\$7,965,049.00	No	
H40-01	Main St. Connectivity	Ave I to US 190 Frontage Rd	Construct ADA bicycle/pedestrian pathways along Main St. and under US 190	\$596,386.00	No	
T35-24	Prairie View Road Enhancements	W of SH 317 to N Pea Ridge	Construction of a 4 lane roadway, aligning FM 2483 to Prairie View Rd with signalized intersection	\$6,480,000.00	Yes	
K40-27 ¹	SH 195	0.1 MI N of FM 3470 to 0.1 MI S of FM 3490 ⁵	Turnaround underpass for northbound and southbound traffic on SH 195 frontage roads and FM 3470 (Stan Schlueter) ⁵	\$800,000	Yes	
H35-01	US 190 at FM 2410	East Central TX Expy W to East Central TX Expy East	Construction of a west to east turnaround at FM 24105	\$5,000,000	Yes	
T40-12	31st St. Sidewalks (FM1741)	Marlandwood Rd to Canyon Creek Rd	Installation of 6' sidewalks on both sides of FM1741	\$500,000	Yes	
T40-15	Adams Ave/Central Ave. Bicycle/Pedestrian Improvements	IH 35 to MLK Jr Blvd (Spur 290)	Installation of on-street bike lane and ADA compliant sidewalks travelling east on Central Avenue and west on Adams Avenue ⁵	\$1,913,044	Yes	
C40-05	FM 116 E. 3046 Sidewalks	Business 190 to Dennis St. ⁵	Construct ADA compliant sidewalks and bike lanes ⁵	\$975,000	No	FY 18-20 Category 7 Funds: \$13,890,000
K40-21b	Heritage Oaks Hike and Bike Trail, Segment 5	Chaparral Rd to USACE Property	Construct shared use path for pedestrian and bicyclists	\$1,300,000	No	
C40-04c	The Narrows (Charles Tillman Way)	Charles Tillman Way from Constitution Dr to Charles Tillman Way @ RG III Blvd ⁵	Construct sidewalks for pedestrian/bicycle use ⁵	\$170,000	No	
S40-04a ¹	Main St. Sidewalks Phase 1	Salado Plaza Dr to College Hill Dr (North End)	Main St. improvements to include lighting, sidewalks, & striping for bicycles	\$1,616,956	No	
A40-15	Fleet Replacement Project	Killien UZA	Purchase buses ⁵	\$1,615,000 ⁵	N/A	

CATEGORY 9 STATEWIDE TAP/TASA (TRANSPORTATION ALTERNATIVES PROGRAM) PROJECTS

KTMP ID	Project Name	Full Extents	Description	Estimated Cost	CMP Network	Funding
B40-04	Chisholm Trail Corridor Hike and Bike Facility Phase II	University Blvd. 0.25 mile south of Crusader Way to Tiger Drive 0.10 mi north of Sparta Rd.	Construct sidewalks and shared use path--widths vary from 8 ft to 10 ft; includes landscaping and lighting.	\$2,670,615.00	No	
K40-21a	Killien Heritage Oaks Hike and Bike Trail, Segment 4	Platinum Dr to Chaparral Rd	Construct shared use path for pedestrians and bicyclist	\$1,448,284.00	No	FY 13-16 Statewide TAP Funds: \$6,720,450
H40-02	Old Nolanville Rd Elementary Bicycle and Pedestrian Safety Improvements	Old Nolanville Rd at Warriors Path to Shaw Branch Creek	Construct alternate transportation route consisting of shared-use path for pedestrians and bicyclists	\$601,587.00	No	
B40-05	Beltton Hike and Bike Trail Extension South (South Beltton Shared Use Path)	IH 35 from FM 436 to Confederate Park Drive	Construct 12 ft wide hike and bike trail. Project will extend along FM 436, IH 35 northbound frontage road and Confederate Park Drive.	\$1,790,570	No	FY 17 TASA Funds: \$1,790,570

MPO CATEGORY 9 TAP (TRANSPORTATION ALTERNATIVES PROGRAM) PROJECTS

KT/MPO ID	Project Name	Full Extents	Description	Estimated Cost	CMP Network	Funding
K40-23 ¹	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	\$800,000.00	No	FY15-FY17 Category 9 Funds: \$1,151,642
C40-03b	Ave D Streetscape Phase III	S 1st St to S 3rd St	Construction of multi-terraced concrete walkways, curb ramps, handicapped ramps, pedestrian railings, crosswalk striping and necessary signage	\$351,642.00	No	
C40-04b	The Narrows (RG II at Old Copperas Cove Rd)	RG III Blvd from Constitution Dr to Old Copperas Cove Rd at Constitution Dr. ³	Construct sidewalks for pedestrian/bicycle use ³	\$680,000	No	

COMBINED CATEGORY 7 AND MPO CATEGORY 9 PROJECTS

KT/MPO ID	Project Name	Full Extents	Description	Estimated Cost	CMP Network	Funding
C40-04a	The Narrows (Constitution Drive)	Constitution Dr from Bowen Ave to 0.2 MI S Martin Luther King Jr. Blvd ³	Construction of sidewalks for pedestrian/bicycle use ³	\$850,000	No	FY 18-20 Category 7 (\$360,000) and Category 9 (\$490,000): \$850,000

MPO PROPOSITION 1/CATEGORY 2 PROJECTS

KT/MPO ID	Project Name	Full Extents	Description	Estimated Cost	CMP Network	Funding
W40-01	SH 317	FM 2305 to FM 439	Widen from 2 to 4 lane roadway with raised median	\$16,000,000.00	Yes	FY15-FY17 MPO Proposition 1 Projects: \$33,800,000
H15-02b	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	\$8,800,000.00	Yes	
W40-02	US 190	1.0 mi W of FM 2410 to Heirights Way	Widen from 4 to 6 lane roadway	\$9,000,000.00	Yes	
W40-06 ¹	US 190	FM 3423 (Indian Trail) to FM 2410 in W Belton ³	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	\$39,000,000	Yes	
C30-03b	Business US 190 Phase I	FM 1113 (Avenue D) to Constitution Dr ³	Construction of a raised median, bike lane and sidewalk on south side of project, and convert the north outside lane to a shared vehicle and bicycle lane to retain three travel lanes in each direction.	\$10,000,000	Yes	
W40-05	US 190	FM 2410 in W Belton to IH 35	Widen main lanes from 4 to 6 lanes and resurface	\$35,000,000	Yes	
W40-04a (1)	Loop 121 Phase 1a	Lake Rd (FM 439) to US 190	Widen from 2 to 4 lane divided roadway with raised median	\$28,000,000	Yes	FY18-21 Category 2 Projects: \$112,000,000

COMBINED CATEGORY 2 AND CATEGORY 7 FUNDS

KT/MPO ID	Project Name	Full Extents	Description	Estimated Cost	CMP Network	Funding
W40-03 ¹	US 190 Turnaround	At Clear Creek Rd ³	Roadway reconfiguration to improve turning movements (Turnaround) ³	\$4,000,000	No	FY18-20 Category 2 (\$2,100,000) and Category 7 (\$1,900,000): \$4,000,000

MISCELLANEOUS PROJECTS

KT/MPO ID	Project Name	Full Extents	Description	Estimated Cost	CMP Network	Funding
T25-06	Loop 363	Loop 363 at Spur 290	Phase 1 of interchange construction	\$9,984,000.00	Yes	Category 1 lt. Local
A35-01	Bus Replacement	HCTD service in Killeen UZA	Replacement of ADA-accessible paratransit buses	\$77,293.00	N/A	FTA 5339
W35-12	US 190 (Rogers Relief Route)	2.0 MI S of FM 436 in Heidenheimer to William County Line	Widen from 2 lane to 4 lane divided rural highway	\$62,800,000.00	Yes	Category 4

PREVENTATIVE AND MAINTENANCE PROJECTS

KT/MPO ID	Project Name	Description	FY2015-FY2018 TIP	FY2017-FY2020 TIP
G01-PE	Preventative Projects	Various Locations	\$8,523,944.00	\$12,579,008.00
G03-MT	Maintenance Projects	Various Locations	\$20,679,230.00	\$37,602,002.00
G04-BR	Bridge Projects	Various Locations	\$6,355,929.00	\$3,125,284.00
G06-SA	Safety Projects	Various Locations	\$1,811,997.00	\$497,599.00
Total:			\$37,371,100.00	\$53,803,893.00

Administrative Amendment on July 5, 2017

Proposed Roadway, Transportation Choices/Livability, and Preventative Maintenance Projects

ROADWAY PROJECTS

KT/MPO ID	Project Name	Full Extents	Description	Project Score	Project Ranking	Funding Order	Estimated Cost	CMP Network	Flagged ⁴	Funding Sources ³	Funding
W35-01	US 190 Bypass	E of Copperas Cove to 0.5 mi W of Lampasas County Line	Phase 2, Construct final 2 lanes of ultimate 4 lane divided roadway	64.00	6	8	\$48,150,000	Yes	E, L, H,		Short Range Funding: \$225,721,674
K30-13	Chaparral Rd	SH 195 to FM 3481	Widen from 2 to 4 lane roadway with center turn lane, curb and gutter	61.44	8	9	\$18,666,900	No	E, H,		
W35-05	US 190	AL SH 195	Upgrade interchange	63.34	7	10	\$52,450,000	Yes	EJ		Long Range Funding: \$136,905,358 ⁵
H30-05	Warriors Path	FM 2410 (Knights Way) to Old Holmanville Rd	Widen from 2 to 4 lane roadway with curb & gutter, medians and access controls	59.77	9	11	\$8,969,950	No	E, H,		
H30-01	Business 190/Veterans Memorial Blvd	Roy Reynolds Dr to US 190	Reduce roadway profile, install curb & gutter, access management/drainage control, drainage improvements, sidewalks, medians and other context sensitive solutions	59.44	10	12	\$5,000,000	No	L, H		
W30-17	FM 93	SH 317 to Wheat Rd	Widen from 2 to 4 lane divided roadway	53.55	19	13	\$8,794,843	Yes	E, H, P		
B40-11	FM 2271	FM 439 to US 190	Widen from 2 to 4 lane divided roadway	58.33	12	14	\$49,700,000	No	E, H, P		
T40-07	Outer Loop/Old Waco Rd	Drainage Channel (south of FM 2309 and Walmart) to S of Jupiter Driver/Tanner Dr	Widen from 2 to 4 lanes with divided roadway and curb and gutter; includes hike & bike trail and bike dedicated lanes to incorporate multimodal transportation	55.88	14	15	\$6,275,000	No	P		
K30-23	Jasper Bridge Expansion	S Florence Rd to Jasper Dr	Construct 8 lane overpass with pedestrian improvements with turnarounds	55.44	15	16	\$24,628,150	No	EJ		
T15-06k	IH 35	S Loop 363 to US 190	Reconstruct and widen to 8 lanes	76.14	4	17	\$129,700,000	Yes	E, H,		
C30-03a	Business 190 Phase II	FM 116 S to Ave D	Change the center turn to a raised center turn and convert one travel lane in each direction to 6' sidewalk, 5' bicycle lane and 1.5' curb and gutter	55.00	16	18	\$7,400,000	Yes	—		
K40-16	East Trimmer Rd Improvements	Stagecoach Rd to Chaparral Rd	Widen from 2 to 4 lane roadway with center turn lane, curb and gutter	54.02	17	19	\$6,047,000	No	EJ		
K40-24	Featherline Dr	Stagecoach Rd to Chaparral Rd	Widen from 2 to 4 lane roadway with center turn lane with roundabouts	53.99	18	20	\$7,886,382	No	—		
B40-10	FM 1670	US 190 to Three Creeks Boulevard	Widen from 2 to 4 lane roadway with a 10' hike and bike trail	58.77	11	21	\$5,643,360	No	E, H,		
W35-08	FM 93	FM 1741 (S 31st) to SH 95	Widen from 2 to 4 lanes, provide for a raised median and construct grade separation at UP RR	52.87	20	22	\$12,588,000	No	E, H,		
W35-07	IHW Loop 363	Lucius McClevey to Industrial Blvd	Construct main lanes to provide a four lane freeway	52.45	21	23	\$45,000,000	Yes	H		
K25-04	SH 195	AL Business 190	Construct grade separation over Business 190 and BHSF RR	52.01	22	24	\$50,000,000	Yes	EJ		
K40-11	W5 Young	Mail Dr to AJ Hall Blvd	Add turn lane and rebroadcast traffic signal at Mail Dr to AJ Hall Blvd	51.90	23	25	\$4,889,546	Yes	EJ		
K40-06	FM 2484	SH 195 to IH 35	Widen to 4 lane roadway	51.88	24	26	\$35,000,000	No	H, ARZ, P		
W30-23	Loop 363	SP 290 to SH 95	Upgrade to 4 lane freeway with continuous frontage roads and grade separation at MLK Blvd	51.44	25	27	\$16,784,000	Yes	EJ		
K40-26	Cunningham Rd	US 190 to Little Nolan Rd	Construct and widen from 2 to 4 lane road with shoulder, median turn lane, with bike/feed facilities	51.22	26	28	\$7,817,350	No	EJ		
H15-01	FM 3423/Indian Trail	Business 190 to US 190	Construct an urban cross-section roadway with sidewalks, median and pedestrian enhancements within the appropriate context sensitive cross section	50.11	27	29	\$3,391,800	No	—		
B40-08	Sparta Rd	Loop 121 to Dumis Canyon Rd	Construct protected turn lane with 10' wide hike and bike trail	50.11	28	30	\$2,080,000	No	H, P		
T35-36a	1st Street	SE Loop 363 to Ave M	Widen from 4 lane undivided to 4 lane divided roadway with curb and gutter, hike and bike trails and will incorporate multimodal design	49.88	29	31	\$8,500,000	Yes	EJ		
H30-07	FM 3481	Prospector Drive to FM 2484	Widen from 2 to 4 lane divided roadway	49.45	30	32	\$13,109,435	No	E, H, ARZ, P		
W35-03	SH 195	FM 3470 to Chaparral Rd	Reconstruct to 4 lane freeway with frontage roads	48.45	31	33	\$39,862,000	Yes	E, H,		
C35-02a	FM 116	S Main (through existing parking facility) to Ave B	Create an underpass of the existing BHSF railroad	48.13	32	34	\$12,550,000	Yes	—		

Item 8:

**Allocation of FY21-28 Category
2, 7, and 9 Funds**

Amendment to the 2040 MTP and FY19-22 TIP for Reprioritization of MTP Projects from the 2018 Call for Projects and Allocation of FY21-22 Category 2, 7, and 9 Funds

TAC members were given the opportunity to subjectively score projects during the month of October. These subjective scores were combined with the objective scores provided by Alliance Transportation Group and the projects were ranked accordingly. Staff presented four roadway and four livability ranked lists to TAC members at the November 28, 2018 TAC meeting. At that meeting, TAC members were given the opportunity to prioritize both lists and make changes if needed. The prioritized list of projects selected by TAC is included in meeting packet. At their meeting on December 12th, Policy Board approved the initiation of public involvement for the reprioritized list of projects as recommended by TAC. An amendment to the 2040 MTP is needed to update the prioritized project listing.

KTMPPO anticipates receiving funding through Categories 2 (metropolitan corridors), 7 (metropolitan mobility), and 9 (transportation alternatives) for FY21-28. At the December 7, 2018 TAC meeting, staff presented three funding scenarios based upon the reprioritized project listing, available funding and a 10% reservation of Category 7 dollars for Transit. TAC recommended the allocation of these funds in the amount of \$180,587,000 for prioritized projects ready to let between FY21-28. An amendment to the FY19-22 TIP is needed to include projects that were awarded funds for FY21-22. The projects programmed for years FY21-22 include:

- W35-07 (Loop 363)
- W35-01 (US 190 Bypass)
- W45-01 (I-14 ATMS)
- T40-07a (Temple Outer Loop West Phase 1)
- N40-04 (Nolanville's City Park Connectivity)
- B45-03 (13th Ave. Sidewalk and Shared Use Path)

Projects allocated for funding for years FY23-28 will act as placeholder projects and are not guaranteed to be funded unless approved by the Policy Board to be included in the next TIP cycle for FY21-24, if appropriate.

At their meeting on December 12th, Policy Board approved the initiation of public involvement for the allocation of FY21-22 funds for Categories 2, 7, and 9 as recommended by TAC.

KTMPPO held a 15 day public comment period from December 15-December 30, 2018 with two public forums in Killeen and Rogers. KTMPPO did not receive public comments for the proposed amendments. At the January 2, 2019 TAC meeting, TAC recommended approval of the proposed amendments.

Tentative Schedule:

- November 28, 2018—Discussion and Project Prioritization; Recommend initiation of PI process for 2040 MTP Amendment;
- December 5, 2018—TAC recommends allocation of funds for Categories 2,7 and 9; Recommend initiation of PI process for MTP and TIP amendments.
- December 12, 2018—TPPB approves allocation of funds for Categories 2,7 and 9; Approve Initiation of PI process for MTP and TIP amendments.

-
- December 15-30, 2018—Public Comment Period.
 - December 18, 2018 – Public forum at 5:00pm at Rogers ISD Highschool Cafeteria, located at 210 Alvin Ailey in Rogers; Killeen time and location TBD.
 - January 2, 2018—TAC recommends approval of MTP and TIP amendments.
 - **January 16, 2018—TPPB approves MTP and TIP amendments.**

Action Needed: Approval of amendments to the 2040 MTP and FY19-22 TIP regarding prioritization of MTP projects from the 2018 Call for Projects and allocation of FY21-22 Category 2, 7, and 9 funds.



2040 Metropolitan Transportation Plan Project Listing

Short Range Funded (2014-2023) Projects with Allocated Funding as of December 2018 and Listed in the Transportation Improvement Program (TIP)

MPO PROPOSITION 1/CATEGORY 2 PROJECTS (METROPOLITAN CORRIDORS)												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding Amounts
W40-01	0231-03-143	FM 2410	Roy Reynolds Dr to Commercial Drive	Widen from 2 to 4 lane roadway with sidewalks, median and turn lanes incorporating context sensitive design	N/A	N/A	N/A	\$8,800,000	2017	Yes	N/A	FY15-FY17 MPO Proposition 1: \$17,800,000
W40-02	0231-03-145	US 190	1.0 MI W of FM 2410 to Knights Way	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	N/A	1	N/A	\$9,000,000	2018	Yes	N/A	
W40-06	0231-04-061	US 190	FM 3423 (Indian Trail) to FM 2410 in W Beltton	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	87.45	1	1	\$39,000,000	2019	Yes	H	
C30-03b	0231-02-062	Business US 190 Phase I	FM 1113 (Avenue D) to Constitution Dr.	Construction of a raised median, bike lane and sidewalk on south side of project, and convert the north outside lane to a shared vehicle and bicycle lane to retain three travel lanes in each direction	81.00	4	4	\$10,000,000	2020	Yes	EJ	FY18-20 Category 2: \$84,000,000
W40-05	0231-04-060	US 190	FM 2410 in W Beltton to IH 35	Widen main lanes from 4 to 6 lanes and resurface	83.79	3	3	\$35,000,000	2020	Yes	EJ	
W40-04a (1)	2502-01-021	Loop 121 Phase 1a	Takefield (FM 439) to US 190	Widen from 2 to 4 lane divided roadway with raised median	56.45	14	5	\$28,000,000	2021	Yes	EJ, H, P	
W55-07	0320-06-902	NW Loop 363	Lucile McClevey to Industrial Blvd	Construct interchange and expand 2 to 4 lanes with frontage roads	72.00	3	1	\$45,000,000	2021	Yes	H	
W55-01	0231-19-003	US 190 Bypass	E of Copperas Cove to 0.5 mi W of Lampasas County Line	Widen from two lanes to four lanes divided and construct interchange	68.27	9	2	\$48,150,000	2021	Yes	L, H	FY21-22 Category 2: \$327,350,000
W45-01	0231-03-152 0231-07-008 3534-01-013	IH 14 Advanced Traffic Management System	Coyell County Line to FM 2410	Construction of fiber optics, traffic cameras, and Dynamic Message Boards	73.33	2	11	\$6,300,000	2022	Yes	E, L, H	
COMBINED CATEGORY 2 AND CATEGORY 7 FUNDS												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
W40-03	0231-03-146	US 190 Turnaround	At Clear Creek Rd	Roadway reconfiguration to improve turning movements (Turnaround)	42.11	42	6	\$4,000,000	2018	No	EJ	FY18-20 Category 2 Funds (\$2,100,000) and Category 7 Funds (\$1,900,000): \$4,000,000
CATEGORY 4 PROJECTS (STATEWIDE CONNECTIVITY)												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
W55-12	0185-01-030	US 190 (Rogers Relief Route)	2.0 MI S of FM 436 in Heidenheimer to Millam County Line	Widen from 2 to 4 lane divided rural highway	45.56	36	38	\$62,800,000	2019	Yes	H	FY19 Category 4 Funds: \$62,800,000
CATEGORY 7 PROJECTS (SURFACE TRANSPORTATION PROGRAM-METROPOLITAN MOBILITY)												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
H40-02	0909-36-153	Traffic Circle at Commercial Dr	Intersection of Commercial Dr and Heights Dr	Construct traffic circle at intersection of Commercial Dr and Heights Dr	40	6	5	\$489,249	2018	No	EJ	
K30-02	0909-36-156	Rosewood Dr Extension	Rosestone Dr to Chaparral Dr	Construction of a 4 lane roadway with center median with an off-system bridge	38	4	6	\$7,965,049	2018	No	EJ, ARZ	FY15-17 Category 7 Funds: \$15,530,684
M40-01	2057-01-009	Main St Connectivity	Ave 1 to US 190 Frontage Rd	Construct ADA bicycle/pedestrian pathways along Main St and under US 190	31	3	3	\$596,386	2018	No	N/A	
T35-24	0909-36-155	Prairie View Road Enhancements	W of SH 317 to N Pico Bridge Intersection	Construction of a 4 lane roadway, aligning FM 2483 to Prairie View Rd with a signalized intersection	39	5	4	\$6,480,000	2017	Yes	N/A	

KT/MPO ID	CSI Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
K40-27 ¹	0836-02-073	SH 195	O.I. M/N of FM 3470 to O.I. M/S of FM 3470	Turnaround underpass for northbound and southbound traffic on SH 195 frontage roads and FM 3470 (Stam Schlueter)	42.68	41	7	\$800,000	2019	Yes	EJ	
H35-01	0731-03-147	US 190 at FM 2410	East Central Tx Expy W to East Central Tx Expy East	Construction of a west to east turnaround at FM 2410	67.11	6	8	\$5,000,000	2020	Yes	N/A	
T40-12	1835-02-958	31st St Sidewalks (FM1741)	Mainlandwood Rd to Canyon Creek Rd	Installation of 6' sidewalks on both sides of FM1741	94.35	1	1	\$500,000	2019	Yes	N/A	
T40-15	0184-03-039	Adams Ave/Central Ave. Bicycle/Pedestrian Improvements	IH 35 to MLK Jr Blvd (Spur 290)	Construct shared use path for pedestrian and bicycles	92.00	2	2	\$1,300,000	2019	Yes	EI, H	
C40-05	3131-01-007	FM 1116 & 1045 Sidewalks	Business 100 to Dennis St	Construct ADA compliant sidewalks and bike lanes	77.88	5	4	\$975,000	2019	Yes	H, P	FY18-20 Category 7 Funds: \$1,176,956
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 pedestrian and bicycles	70.32	11	6	\$170,000	2020	No	EI, H	
S40-04a	2136-01-020	Main St Sidewalks Phase 1	Sahado Plaza Dr to College Hill Dr (North End)	Main St improvements to include lighting, sidewalks, & straining for bicycles	81.01	3	7	\$1,616,956	2018	No	H, ANZ, ES	FY21-22 Category 7 Funds: 1,002,000
A40-15	0909-36-162	Fleet Replacement Project	Killeen UZA	Purchase Buses	N/A	N/A	N/A	\$1,615,000	2018	N/A	N/A	
T40-07a	0909-36-903	Temple Outer Loop West-Phase I	522 ft South of Jupiter to 454 ft South of Dove Meadow Blvd	Widen from 2 to 4 lanes divided roadway and curb and gutter, Phase 1	64.67	17	4	\$10,298,198	2021	No	P, H	
N40-04	0909-36-901	Nolanville City Park Connectivity	Park (North Mesquite) along Ave H to 10th Street	Construct 10' sidewalk, ADA ramps, and crosswalks; widen pavement by 32" with curb and gutter	72.34	6	3	\$1,558,802	2021	No	P	
A45-01	0909-36-905	HCTD Fleet Replacement Project	Hill Country Transit, Killeen UZA-two, Temple UZA-one	Purchase Buses to Provide Transportation	N/A	N/A	N/A	\$1,145,000	2021	N/A	N/A	

COMBINED CATEGORY 7 AND MPO CATEGORY 9 PROJECTS

KT/MPO ID	CSI Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
C40-04a	0909-39-131	The Narrows (Constitution Drive)	Constitution Dr from Bowen Ave to 0.2 Miles Martin Luther King Jr. Blvd#5	Construction of sidewalks for pedestrian/bicycle use#5	72.78	8	9	\$850,000	2020	No	EJ, H	FY18-20 Category 7 (\$360,000) and Category 9 (\$490,000); \$850,000

MPO CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE PROGRAM)

KT/MPO ID	CSI Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
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 (IG III at Old Coppotas Cove Rd)	Constitution Dr from Coppotas Cove Rd at Constitution Dr	Construct sidewalks for pedestrian/bicycle use	70.87	9	10	\$680,000	2020	No	EI, H	FY18-20 Category 9 Funds: \$680,000
B45-03	0909-36-169	13th Avenue Sidewalk & Shared Use Path	Main St (SH 317) to Waco Road (FM 817)	Construct 5' sidewalks on the north side of 13th Ave from Main St to Wossall; Transition to 10' SLP from Woodall to Waco Rd	72.16	7	4	\$423,611	2021	No	P	FY21-22 Category 9 Funds: \$423,611

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

KT/MPO ID	CSI Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
B40-04	0909-36-157	Chisholm Trail Corridor Hike and Bike Facility Phase II	University Blvd 0.25 mile south of Crusader Way to Tiger Drive 0.10 mi north of Sparta Rd.	Construct sidewalks and shared use path--widths vary from 8 ft to 10 ft; includes landscaping and lighting.	N/A	N/A	N/A	\$2,670,615	2018	No	N/A	FY15 Statwide 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 bicycle	N/A	N/A	N/A	\$3,448,284	2017	No	EJ, ARZ	
B40-05	0909-36-163	Barton Hike and Bike Trail Extension South (South Barton Shared Use Path)	IH 35 from FM 436 to Confederate Park Drive	Project will extend along FM 436, IH 35 northbound frontage road and Confederate Park Drive.	N/A	N/A	N/A	\$1,790,570	2020	No	EI, P	FY17 TASA Funds: \$1,790,570

GROUPED PROJECTS

KT/MPO ID	CSI Number	Project Name	Project Limits	Project Description	FY2017-2020 TIP	FY2019-2022 TIP
G01-PE	Various CSIs	Preventative Projects	Various Locations	Various Descriptions	\$12,579,008	50
G03-MT	Various CSIs	Maintenance Projects	Various Locations	Various Descriptions	\$37,602,002	\$20,009,216
G04-BR	Various CSIs	Bridge Projects	Various Locations	Various Descriptions	\$3,125,284	\$1,400,000
G06-SA	Various CSIs	Safety Projects	Various Locations	Various Descriptions	\$487,599	\$2,690,079

Proposed Roadway, Transportation Choices/Livability, Transit, and Preventative Maintenance Projects

ROADWAY 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
W30-17	1835-01-026	FM 93 Phase 1 and 2	SH 317 to Wheat Rd	Widen from 2 to 4 lane roadway with a bike lane and 6 foot sidewalks	64.81	16	3	\$6,794,843	2023	Yes	E, H, P	Short Range Funding: \$44,500,000
140-07b	0909-36-174	Temple Outer Loop West Phase II	454 ft South of Dove Meadow to IH-35 S	Widen from 2 to 4 lanes with divided roadway and curb and gutter, includes hike & 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 395 to FM 3481 (Stillhouse Hollow Lake Rd)	Reconstruct and widen roadway from 2 to 4 lane divided roadway with bicycle and pedestrian facilities.	59.89	27	5	\$23,000,000	2023	No	E, H	
D40-01	N/A	North Wasco Rd (OH 81)	West Ahm St to West Big Elm	Widen from 2 to 4 lanes, with curb and gutter, bridge improvements	52.64	44	6	\$4,600,000	TBD	No	—	
H30-05	0909-36-171	Warriors Path Upgrade	FM 2410 (Knights Way) to Old Nolanville Rd	Create a two lane road section with a left turn lane at future school, curb and gutter, 6 ft sidewalk on west side and a 10ft wide hike/bike path on east side	48.17	50	7	\$8,968,950	2025	No	H	
H40-03	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 US 190/IH 14	49.84	46	8	\$1,602,700	TBD	No	—	
S40-03	N/A	Salido West Village Road Capacity and Enhancement Project	Thomas Arnold Rd to IH 35	Widening roadway, add turn lanes and bike/pead facilities	36.45	66	9	\$300,500	TBD	No	—	
T15-06k	N/A	IH 35	US 190/IH 14 to Loop 363	Reconstruct and widen to 8 lanes	78.27	1	10	\$129,700,000	TBD	Yes	E, H	
C35-02ab ⁵	N/A	FM 116 Railroad Underpass	S Main (through existing parking facility) to Ave B	Create an underpass at the existing BNSF railroad with sidewalks	71.73	4	12	\$13,470,000	2023	Yes	EJ	
W25-02	N/A	SH 36	SH 317 to Lake Belton Bridge	Widen from 2 to 4 lane divided roadway	71.63	5	13	\$36,715,000	TBD	No	P	
W35-04	N/A	FM 439	Roy Reynolds Drive to FM 3279	Widen from 4 to 6 lanes	70.27	6	14	\$11,539,000	TBD	No	EJ	
H45-03	N/A	FM 3481 (Stillhouse Lake Road) Phase 1	Prospector Trail to Proposed Chaparral Road Intersection	Widen roadway from 2 to 4 lanes with a continuous center turn lane with sidewalks	69.33	7	15	\$6,566,500	2024	No	H, ARZ, P	
W30-23	N/A	US 190/Loop 363	Spur 290 to SH 95	Upgrade to 4 lane freeway with continuous frontage roads and grade separation at MIK Blvd	68.36	8	16	\$16,784,000	TBD	Yes	EJ	
C30-03a	N/A	Business US 190 - Phase II	FM 1113 (Ave D) to FM 1116 South	Convert the center turn lane to a controlled left turn lane with raised median, maintain the two existing travel lanes, add curb and gutter on north and south sides of the roadway, 6' sidewalk on the south side right-of-way, pedestrian crossings with curb ramps at street intersections, bicycle lanes on the outside travel lanes.	68.16	10	17	\$7,400,000	2022	Yes	EJ	
W35-08	N/A	FM 93	FM 1741 to SH 95	Widen from 2 to 4 lanes, provide for a raised median and construct grade separation at IUP RR	66.44	11	18	\$12,588,000	TBD	Yes	H	
H45-01	N/A	E FM 2410 (E. Knights Way) Phase 1	Cedar Knob Rd to Warriors Path	Widen from 2 to 4 lanes with a continuous turn lane with curb and gutters and sidewalks	66.35	12	19	\$5,561,600	TBD	No	—	
W30-13	N/A	FM 2484	FM 1670 to IH 35	Widen from 2 to 4 lane divided roadway	65.99	13	20	\$31,142,000	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 LP 363	65.45	14	21	\$18,000,000	TBD	Yes	EJ	
K40-24	N/A	Featherline Drive	Stagecoach Rd to Chaparral Rd	Widen from two to four lanes with a center turn lane and roundabouts at Featherline Rd and Stagecoach Rd and Stagecoach Rd at W.S. Young Drive	65.00	15	22	\$9,000,000	2025	No	EJ	
H15-01	N/A	FM 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 curb and gutter, hike and bike trails and will incorporate multimodal design	64.45	19	24	\$8,500,000	TBD	Yes	EJ	
K40-11	N/A	WS Young Drive	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	
H40-06	N/A	Nolanville Railroad Crossing Safety	Pleasant Hill Cemetery Rd to Jack Rabbit Road (4 RR Crossings)	Upgrade crossings for better connections and safety	63.18	21	26	\$500,000	TBD	No	—	
D40-03	N/A	OH TX 81 - Phase 1	FM 1237 to Loves Overpass	Widen from 2 to 4 lanes with bicycle lanes and curb and gutter	61.55	22	27	\$3,500,000	TBD	No	H	
H45-04	N/A	FM 3481 (Stillhouse Lake Road) Phase 2	Proposed Chaparral Road Intersection to South City Limits	Widen roadway from 2 to 4 lanes with a continuous center turn lane with sidewalks	60.84	24	28	\$6,306,620	TBD	No	H, ARZ, P	
K40-16	N/A	East Trimmer Rd Improvements	Stagecoach Rd to Chaparral Rd	Widen roadway from 2 to 4 lanes with a continuous center turn lane with sidewalks and bike lanes	60.84	23	29	\$7,000,000	TBD	No	EJ	
H50-01	N/A	Business US 190 (Veterans Memorial Blvd)	M Roy Reynolds to US 190/IH 14	Reduce roadway profile, install curb & gutter, access management/driveway control, drainage improvements, sidewalks, medians and other context sensitive solutions	60.19	26	30	\$5,000,000	TBD	No	E, L, H	
B40-10	N/A	FM 1670	US 190 to Three Creeks Boulevard	Widen from 2 to 4 lane roadway with a 10' hike and bike trail	59.45	28	31	\$5,643,360	TBD	No	E, H	
W35-02	N/A	Intersection of SH 195 at FM 3470 (SS Loop)	Intersection of SH 195 at FM 3470 (SS Loop)	Upgrade Interchange	59.17	29	32	\$52,450,000	TBD	Yes	EJ	

Long Range Funding: \$364,100,000

Project ID	Project Name	Location	Project Description	Estimate	Year	Phase	Notes
145-16	South 345 Street Extension	Loop 363/US 190 to Blackland Rd	Construct arterial throughfare with street trees, sidewalks and bicycle lanes.	58.49	30	No	
145-17	SH 195 Overpass	At Business 190	Construct grade separation over Business 190 and BUSIF RR	58.35	31	Yes	EI
145-18	FM 2271 (Late to Lake Road)	FM 1670 to FM 2271	Construct 4 lane roadway with 10' wide trail	57.74	32	No	EI, H, P
145-19	Temple Outer Loop - East	SH 35 to FM 99 at Business 190	Construction of a 4 lane divided roadway and curb and gutter; includes bike & bike trail and bike dedicated lanes to incorporate multimodal transportation	57.34	33	No	EI
145-20	Conrad Street	US 190/TH 14 to Loop 121	Widen from 2 to 4 lanes with center turn lane and 5' wide sidewalks	56.64	34	No	EI
145-21	SH 195 to SH 36	SH 195 to SH 36	Widen from 2 to 4 lanes, provide for a raised median	56.37	35	Yes	EI
145-22	US 190/TH 14 to Little Cunningham Rd	US 190/TH 14 to Little Cunningham Rd	Construct and widen from 2 to 4 lane road with shoulder, median turn lane, and bike/ped facilities	56.27	36	No	EI
145-23	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	No	H
145-24	E. FM 2410 (E. Knights Way) Phase 2	Warriors Path to Hummel Rd	Widen from 2 to 4 lanes with a continuous turn lane with curb and gutters and sidewalks	55.84	38	No	L
145-25	Stamensh Rd to Chabazet Rd	Stamensh Rd to Chabazet Rd	Widen from 2 to 4 lanes with a median	55.34	39	No	EI, P
145-26	S Florence Rd to Jasper Dr	S Florence Rd to Jasper Dr	Construct 8 lane overpass with pedestrian improvements with turnarounds	54.99	40	No	EI
145-27	Elm Rd to Jasper Dr	Elm Rd to Jasper Dr	Widen from 2 to 3 lane section with curb and gutter	54.72	41	No	EI
145-28	Sparks Road	Loop 171 to Danis Canyon Rd	Construct protected turn lane with 10' wide hike and bike trail	54.45	42	No	H, P
145-29	SH 195 at US 190/TH 14	SH 195 at US 190/TH 14	Upgrade interchange	54.35	43	Yes	EI
145-30	Kepler Road (Phase 2)	656 ft S of FM 2305 to 450 ft S of Wildflower Lane	Widen and add middle turn lane, curb and gutter, includes 12' shared use path and will incorporate multimodal design	51.63	45	No	H
145-31	Little River Road	SE FM Dodgen Loop to FM 99	Reconstruct two lane arterial roadway with center turn lane, bike lanes and sidewalks	49.84	46	No	EI
145-32	Bunny Trail/SH 201 (Clear Creek Rd) Traffic Signal	Intersection of Bunny Trail Rd and SH 201 (Clear Creek Rd)	Install traffic signal	49.36	48	Yes	EI
145-33	SH 195	SH 195 to SH 36	Reconstruct to 4 lane freeway with frontage roads	48.45	49	Yes	EI, H
145-34	Southwest Parkway	Loop 171 to W. Ave D	Construct 2 lane roadway with center turn lane	48.10	51	No	
145-35	FM 439 Roundabout	Intersection of Main St (FM 439 Spur) and Avenue I	Construction of a roundabout	47.83	52	No	
145-36	East Young Avenue	Lower Troy Rd to Loop 363	Reconstruct and realign roadway from 2 to 4 lanes with a 6 ft wide sidewalk and a center turn lane.	47.50	53	No	EI
145-37	FM 2484	SH 195 to SH 35	Widen from 2 to 4 lane divided roadway	45.08	54	No	H, ABZ, P
145-38	Shanklin Road West - Outer Loop	TH 35 to east end of Three Creeks subdivision	Construct 4 lane roadway	44.82	55	No	
145-39	West Avenue D	Loop 121 to Wheat Rd	Construct 2 lane roadway with sidewalks and bike lanes	44.09	56	No	EI
145-40	Nola Ruth Reconfiguration	Intersection of Nola Ruth Blvd at US 190/TH 14	Improve intersection to enhance safety	43.84	57	No	
145-41	Beltion Outer Loop East	TH 35 at Shanklin Rd to FM 436	Construct 2 lane roadway with shoulder	43.46	58	No	
145-42	Huey Drive	Washington Dr to TH 35	Construct 2 lane roadway with center turn lane	42.92	59	No	EI
145-43	Azalea Drive	Lower IH to S. 1st St. Future Extension	Construct new two-lane roadway with a continuous center turn lane, 5' bike lanes, and 5' sidewalks	42.50	60	No	EI
145-44	George Wilson Extension	FM 93 at George Wilson Blvd to FM 439	Construct 2 lane roadway with shoulder	42.19	61	No	EI
145-45	Veterans Memorial Blvd/Business 190 to FM 439	Veterans Memorial Blvd/Business 190 to FM 439	Widen from 2 to 4 lane divided roadway	42.10	62	No	LH
145-46	Misquite Road Improvements	135 Frontage Rd to Shanklin Rd	Widen to 2 lanes with curb and gutter, shoulder/bike lanes, and 6 ft wide sidewalk on both sides.	41.50	63	No	H
145-47	FM 439 Shoulder Improvements & Bike Lanes	N. 38th St to Sparta Rd	Construct a continuous shoulder/bike lane.	38.17	64	Yes	EI, P
145-48	Warrior's Path Extension Phase 1	Old Nolanville Rd to US 190/TH 14	Extend Warrior's Path to US 190/TH 14	36.08	65	No	H
145-49	East Avenue C	14th St to 24th St	Reconstruct roadway to 2 lanes and add bike lanes, sidewalks, lighting, and landscaping.	35.17	66	No	EI
145-50	Lake Pointe Drive	SH 337 to Chikee Grove Rd to Loop 363	Construct 2 lane roadway with bike lanes and sidewalks	33.49	67	No	
145-51	Lower Troy Road	East Young Ave to Loop 363	Reconstruct roadway to 2 lanes with a continuous center turn lane and 6 ft sidewalks	29.33	68	No	EI

Regionally Significant Unfunded List

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

Unscored/Unfunded List

TRANSPORTATION CHOICES/LIVABILITY PROJECTS⁸

KTMO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding ⁴
140-13	0909-36-173	Temple's Georgetown Rails to Trails	S. 5th St to FM 93	Construct 10 ft wide hike/bike trail	84.73	3	2	\$2,000,000	2026	No	EI, H, P	Short Range Funding: \$5,000,000
040-02	N/A	North Waxo Rd. (Old 81) - Sidewalk	West Main St to West Big Elm	Construct 10' wide pedestrian/bicycle facility	69.02	11	5	\$1,700,000	2027	No	—	
145-01	N/A	Heritage Oaks Hike & Bike Trail Segment 2	Stiltstone to Fawn Dr	Construct shared use path for pedestrian and bicyclists	58.57	26	6	\$1,200,000	2020	No	EI	
540-02	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	
145-01	N/A	Belton's Georgetown Rails to Trails	E Ave 8 to Leon River	Construct 10 ft wide shared use path to connect KTMO projects B40-05 and T40-13	86.01	2	8	\$2,040,000	TBD	No	EI, H	
145-02	N/A	Downtown Sidewalks - 1st and 3rd Street	Marjorie Civic Center to Avenue F	Construct and repair sidewalks with ADA compliance ramps, crosswalks and landscaping	75.42	4	9	\$2,720,000	TBD	Yes	EI, P, H	
145-02	N/A	6th Avenue Sidewalk & Shared Use Path	Main St (SH 317) to 135 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	EI, L	
145-05	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	
140-12	N/A	Belton Hike and Bike Trail Extension Southwest	Confederate Park to Nolan Creek Pedestrian Bridge	Construct 10 ft wide hike/bike trail	71.08	9	12	\$3,252,480	TBD	No	EI, H, P	Long Range Funding: \$41,600,000
145-03	N/A	East Central Sidewalks	MILK Drive to N. 22nd St.	Construct 6 ft wide sidewalks, repair existing sidewalks with crosswalks and landscaping	69.29	10	13	\$600,000	TBD	No	EI, P	
145-04	N/A	Bird Street Sidewalk	E 24th Ave to E. 6th St.	Construct 5' sidewalk on east side from E. 24th Ave to Downing St, construct 5' sidewalk on both sides from E. 13th Ave to Railroad Track, and construct 5' sidewalk on west side from railroad track to E. 6th Ave with bicycle signage along entire project	69	12	14	\$282,500	TBD	No	EI, P	
145-08	N/A	West Adams Sidewalks	Old Drive to H 35	Construct 6 ft wide sidewalk	68.71	13	15	\$950,000	TBD	Yes	EI	
145-06	N/A	South Pea Ridge Greenbelt Trail	West Adams Ave (FM 2305) to Polson 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	
140-25	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	
145-07	N/A	Avenue H Sidewalk/Road 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	EI	
145-09	N/A	Apache Drive Sidewalks	West Adams Ave (FM 2305) to Gila Trail	Construct 6 ft wide sidewalks and crosswalks	65.84	17	19	\$325,000	2023	No	EI	
145-07	N/A	Temple Lake Park Connection	Temple Lake Park	Construct 8 ft wide hike and bike trail	64.56	18	20	\$1,640,000	2023	No	P	
145-05	N/A	FM 2271 Trail	FM 2205 to Miller Spring Park	Construct 8 ft wide trail	63.88	19	21	\$950,000	TBD	Yes	H, P	
145-04	N/A	Friars Creek Trail	Friars Creek Trail Terminus to S. 1st St. Future Extension	Construct 10 ft wide hike/bike trail to extend and connect to existing trail sections.	63.85	20	22	\$500,000	2023	No	—	
140-05	N/A	FM 439 Spur Connectivity	Main St to North Dr	Construct 10' wide sidewalk, ADA ramps and crosswalks, improve shoulders at Main St	63.71	21	23	\$967,500	TBD	No	—	
145-01	N/A	Canyon Creek Trail	Canyon Creek Dr to Lions Park	Construct 8' hike & bike trail	62.58	22	24	\$720,000	2023	No	P	
540-01	N/A	Salado Creek Shared Use Path - Royal Street	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 pedestrians and bicyclists	62.42	23	25	\$368,959	TBD	No	ARZ, H, ES	
145-05	N/A	Hickory Road Sidewalk	Midway Dr to Aspen Trail	Construct 6' sidewalk with crosswalks	61.43	24	26	\$500,000	TBD	No	P	
145-06	N/A	Central Avenue 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	—	
140-09	N/A	Pleasant Hill Rd	Lonesome Oak Drive to Ave 1	Construct Class 2, buffered on-street bike lane	N/A	N/A	N/A	\$500,000	N/A	No	H	Unscored/Unfunded List
140-11	N/A	Nolan Creek Off System Trail	Bridge on Old Nolanville Rd to Levy Crossing	Construct 10 ft. multi-use trail boarding Nolan Creek	N/A	N/A	N/A	N/A	N/A	No	H	
140-12	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	—	
140-13	N/A	Wild Wood Trail	Lonesome Oak Drive to Ave 1	Construct an 8 ft. wide multi use trail	N/A	N/A	N/A	\$400,000	N/A	No	—	
540-04b	N/A	Main St Sidewalks Phase 2	College Hill Dr to Salado Plaza Dr	Main St improvements to include pavement widening, bike paths, drainage improvements.	N/A	N/A	N/A	\$2,223,044	N/A	No	H, ARZ, ES	
140-21b	N/A	Heritage Oaks Hike & Bike Trail Segment 5	Chaparral Rd	Construct shared use path for pedestrian and bicyclists	N/A	N/A	N/A	\$1,300,000	N/A	No	EI, ARZ	

TRANSIT PROJECTS

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

GROUPED PROJECTS

Short Range Funded (2019-2028)

KTMPO ID	Project Name	Description	Funding
G01-FE	Preventative Projects	Various Locations	Short Range Funding: \$165,803,999
G03-MT	Maintenance Projects	Various Locations	
G04-BR	Bridge Projects	Various Locations	
G06-SA	Safety Projects	Various Locations	
Long Range Funded (2029-2045)			
KTMPO ID <th>Project Name</th> <th>Description</th> <th>Funding</th>	Project Name	Description	Funding
G01-FE	Preventative Projects	Various Locations	Long Range Funding: \$295,989,993
G03-MT	Maintenance Projects	Various Locations	
G04-BR	Bridge Projects	Various Locations	
G06-SA	Safety Projects	Various Locations	

Notes:

¹Project score, project ranking and prioritized list is based on the scoring criteria at the time those projects submitted to KTMPO.

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.

Symbol	Environmental Considerations
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 FISCIDS 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 CS3-02a and CS3-02b. Project CS3-02b 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 noted in the Regional Multimodal Plan as approved by TPFB on October 24, 2018. After assigning bonus points, each submitting entities' top roadway project was moved to the top of the list. The order was based on the total number of points for those top roadway projects. All remaining projects were ranked based on total project score. Other changes to the ranked list included swapping projects H40-03 and 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 T15-06A will retain its rank, however, this project will be skipped if this project is a candidate for funds.

⁸Note: KTMPO received 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 (CS3-02b, T40-13, H40-04, B45-01, and B45-05). Bonus points were proposed to projects B45-03 and B45-05 from the City of Belton based on fatalities that occurred in 2018 along these routes. Crash rates were calculated based on data from 2013-2017. Project B45-03 received four bonus points as discussed by TAC at the November 28, 2018 meeting. Project B45-05 would've received bonus points to accommodate the facility 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 entities' top 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

January 21, 2015	November 16, 2016	December 21, 2017*
November 18, 2015	June 21, 2017	March 14, 2018
January 20, 2016	July 5, 2017*	October 24, 2018
April 20, 2016	August 28, 2017*	16-Jan-19
August 17, 2016	November 16, 2017*	

* Administrative Amendments

HIGHWAY PROJECT LISTING

KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2019 - 2022 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2021

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	SPONSOR	YOE COST
Waco	Bell	0909-36-170	VA	2021	C		HCTD	\$1,145,000

LIMITS FROM: Hill Country Transit

LIMITS TO: Killeen UZA- Two, Temple UZA- One

DESCRIPTION: Purchase Buses to Provide Transportation

REMARKS:

REVISION DATE: Feb-19

MPO ID: A45-01

FUNDING CATEGORY: 7

PROJECT HISTORY:

MPO Selected Project in
December 2018 During the
Reprioritization of the MTP

TOTAL PROJECT COST INFORMATION:		COST OF APPROVED PHASES:	
PRELIMINARY ENGINEERING:	\$0	FEDERAL:	\$916,000
RIGHT OF WAY:	\$0	STATE:	\$0
CONSTRUCTION:	\$1,145,000	LOCAL:	\$229,000
CONSTRUCTION ENGINEERING:	\$0	TOTAL:	\$1,145,000
CONTINGENCIES:	\$0		
INDIRECTS:	\$0		
BOND FINANCING:	\$0		
TOTAL PROJECT COST (YOE):	\$1,145,000		

AUTHORIZED FUNDING BY CATEGORY			
CATEGORY:	FEDERAL:	STATE:	LOCAL:
7	\$916,000	\$0	\$229,000
TOTAL	\$916,000	\$0	\$229,000

HIGHWAY PROJECT LISTING

KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2019 - 2022 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2021

DISTRICT	COUNTY	CSJ	Hwy	LET DATE	PHASE	CITY	SPONSOR	YOE COST
Waco	Bell	0909-36-167	CS	2021	C	Nolanville	Nolanville	\$1,558,802
LIMITS FROM: Park (North Mesquite) along Ave H LIMITS TO: 10th Street DESCRIPTION: Construct 10' sidewalk, ADA ramps, and crosswalks; widen pavement by 32" with curb and gutter REVISION DATE: Feb-19 MPO ID: N40-04 FUNDING CATEGORY: 7 PROJECT HISTORY: MPO Selected Project in December 2018 During the Reprioritization of the MTP								
TOTAL PROJECT COST INFORMATION: PRELIMINARY ENGINEERING: \$83,134 RIGHT OF WAY: \$0 CONSTRUCTION: \$1,558,802 CONSTRUCTION ENGINEERING: \$68,034 CONTINGENCIES: \$24,091 INDIRECTS: \$0 BOND FINANCING: \$0 TOTAL PROJECT COST (YOE): \$1,734,061			AUTHORIZED FUNDING BY CATEGORY CATEGORY: FEDERAL: \$1,247,042 STATE: \$0 LOCAL: \$311,760 LOCAL CONT: \$0 TOTAL: \$1,558,802 TOTAL \$1,247,042 \$0 \$311,760 \$0 \$1,558,802					

REMARKS:

N40-04

Work Type:
Sidewalk



KTMPO Projects

- New roadway
- Additional Lanes
- Maint. / Rehab.
- Sidewalk/Trail

- ### Roads
- Interstate
 - Farm-to-Market
 - US Highway
 - County Road
 - State Highway
 - Streets

- ### Other Features
- Cities
 - Fort Hood
 - Lake
 - Parks

- ### Planning Boundary (MAB)
- Cities

Project Name: City Park Connectivity

Description: Construct 10' wide sidewalk, ADA ramps and crosswalks; widen pavement by 32" with curb and gutter

New Extents: City Park along Mesquite St. and Ave H to 10th St

ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL

HIGHWAY PROJECT LISTING

KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2019 - 2022 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2021

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
Waco	Bell	0909-36-168	CS	2021	C	Temple	Temple	\$10,298,198

LIMITS FROM: Dr 522 ft S. of Jupiter

454 ft S. of Dove Meadow Blvd.

REVISION DATE: Feb-19
MPO ID: T40-07a
FUNDING CATEGORY: 7

DESCRIPTION: Widen from 2 to 4 lanes divided roadway and curb and gutter, Phase 1

REMARKS:

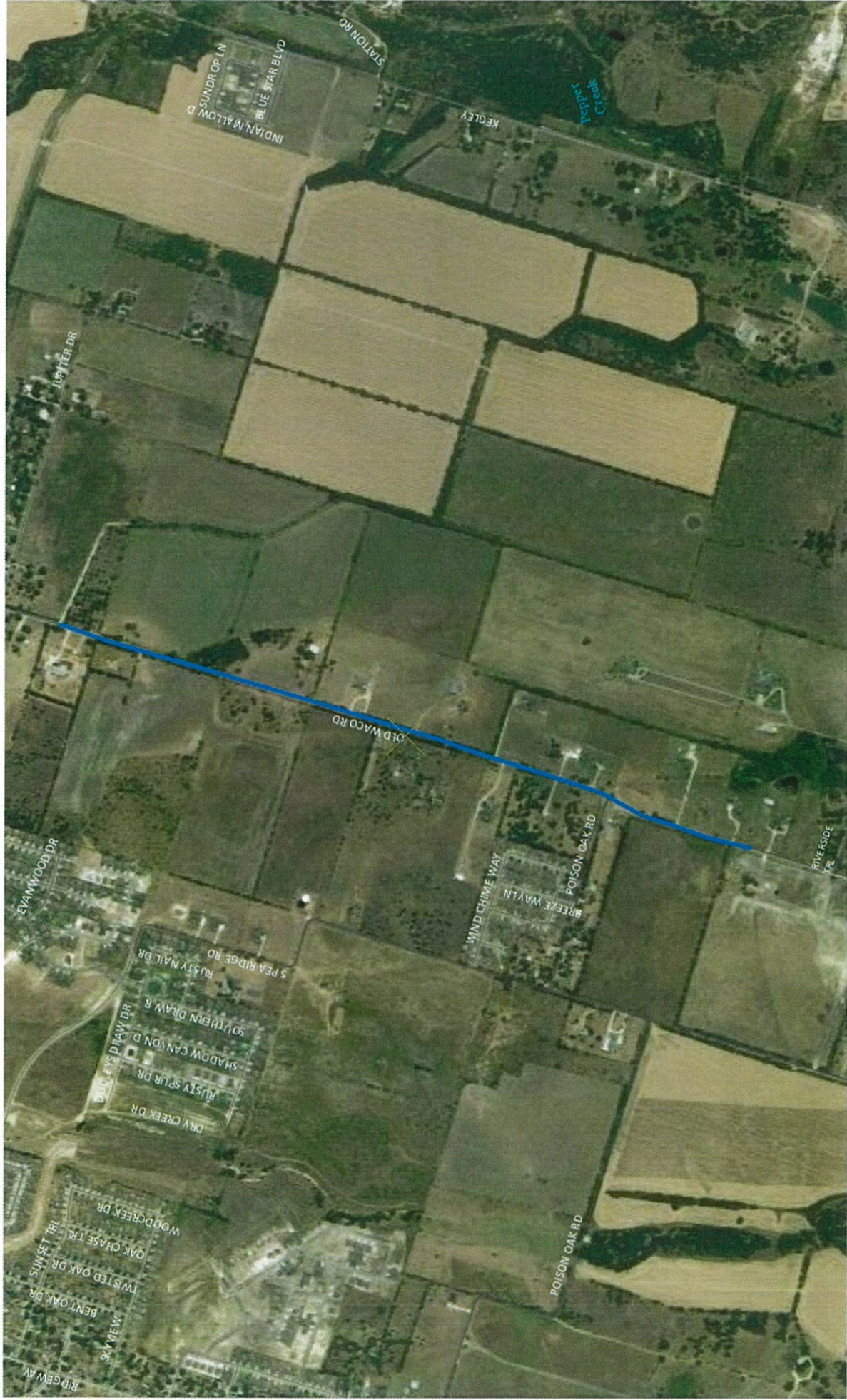
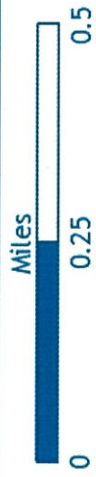
PROJECT HISTORY:

MPO Selected Project in December 2018 During the Reprioritization of the MTP

TOTAL PROJECT COST INFORMATION:		COST OF APPROVED PHASES:		AUTHORIZED FUNDING BY CATEGORY					
PRELIMINARY ENGINEERING:	\$549,223	FEDERAL:	\$8,238,558	STATE:	\$0	LOCAL:	\$2,059,640	TOTAL:	\$10,298,198
RIGHT OF WAY:	\$0	CONSTRUCTION:	\$11,208,648	TOTAL	\$8,238,558		\$2,059,640		\$10,298,198
CONSTRUCTION:	\$11,208,648	CONSTRUCTION ENGINEERING:	\$554,828						
CONSTRUCTION ENGINEERING:	\$554,828	CONTINGENCIES:	\$112,086						
CONTINGENCIES:	\$112,086	INDIRECTS:	\$0						
INDIRECTS:	\$0	BOND FINANCING:	\$0						
BOND FINANCING:	\$0	TOTAL PROJECT COST (YOE):	\$12,424,785						

T40-07

Work Type:
Additional lanes



- KTMP Projects**
- █ New roadway
 - █ Additional Lanes
 - █ Maint. / Rehab.
 - █ Sidewalk/ Trail

- Roads**
- Interstate
 - US Highway
 - State Highway
 - Farm-to-Market
 - County Road
 - Streets

- Other Features**
- Planning Boundary (MAB)
 - █ Cities
 - █ Fort Hood
 - █ Lake
 - █ Parks

Project Name: Temple Outer Loop West Phase 1

Description: Widen from 2 to 4 lanes divided roadway and curb and gutter, Phase 1
Project Extents: 522 ft S. of Jupiter Dr to 454 ft S. Of Dove Meadow Blvd

ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL

HIGHWAY PROJECT LISTING

KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2019 - 2022 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2021

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
Waco	Bell	0320-06-901	LP 363	2021	C	Temple	TxDOT	\$45,000,000

LIMITS FROM: Industrial Blvd

LIMITS TO: Lucius McCelvey

DESCRIPTION: Construct interchange and expand 2 to 4 lanes with frontage roads

REMARKS:

REVISION DATE: Feb-19

MPO ID: W35-07

FUNDING CATEGORY: 2M

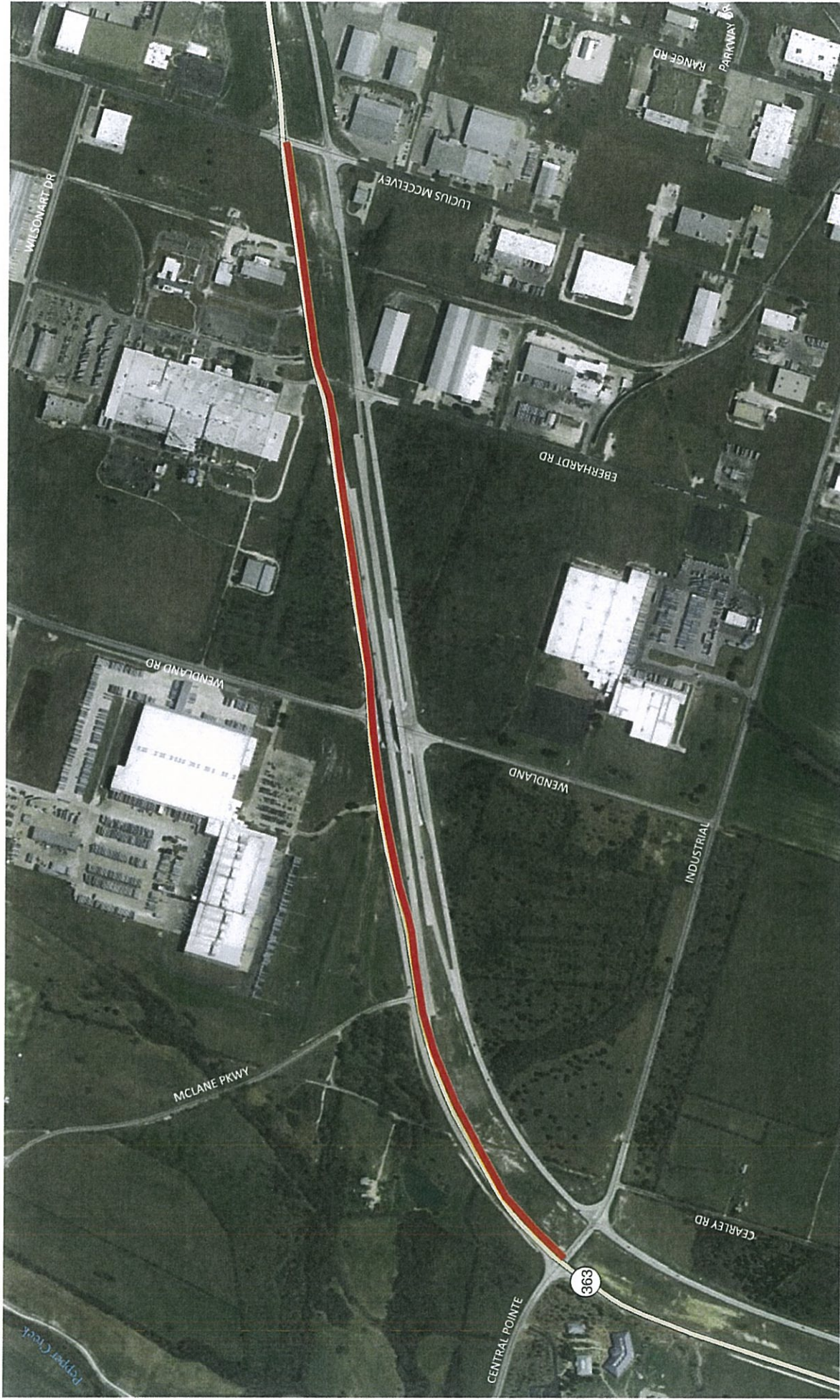
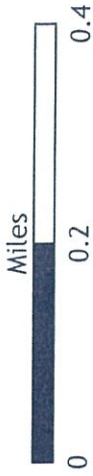
PROJECT HISTORY:

MPO Selected Project in December 2018 During the Reprioritization of the MTP

TOTAL PROJECT COST INFORMATION:		COST OF APPROVED PHASES:	
PRELIMINARY ENGINEERING:	\$2,399,941	FEDERAL:	\$36,000,000
RIGHT OF WAY:	\$0	STATE:	\$9,000,000
CONSTRUCTION:	\$48,978,392	LOCAL:	\$0
CONSTRUCTION ENGINEERING:	\$2,404,839	TOTAL:	\$45,000,000
CONTINGENCIES:	\$1,106,911		
INDIRECTS:	\$0		
BOND FINANCING:	\$0		
TOTAL PROJECT COST (YOE):	\$54,890,083		

W35-07

Work Type:
New Roadway



KTMP Projects

- New roadway
- Additional lanes
- Maint. / Rehab.
- Sidewalk/Trail

- ### Roads
- Interstate
 - US Highway
 - State Highway
 - Farm-to-Market
 - County Road
 - Streets

- ### Other Features
- Planning Boundary (MAB)
 - Cities
 - Fort Hood
 - Lake
 - Parks

Project Name: NW Loop 363

Description: Construct interchange and expand 2 to 4 lanes with frontage roads
New Extents: Lucius McClevey to Industrial Blvd

ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL

HIGHWAY PROJECT LISTING

KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2019 - 2022 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2021

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
Waco	Bell	0909-36-169	CS	2021	C	Belton	Belton	\$423,611
<p>LIMITS FROM: Main Street (SH 317)</p> <p>LIMITS TO: Waco Road (FM 817)</p> <p>DESCRIPTION: Construct 5' sidewalks on the north side of 13th Ave from Main St to Woodall; Transition to 10' SUP from Woodall to Waco Rd</p> <p>REVISION DATE: Feb-19</p> <p>MPO ID: B45-03</p> <p>FUNDING CATEGORY: 9-TAP</p> <p>PROJECT HISTORY: MPO Selected Project in December 2018 During the Repriorization of the MTP</p>								
<p>TOTAL PROJECT COST INFORMATION:</p> <p>PRELIMINARY ENGINEERING: \$22,592</p> <p>RIGHT OF WAY: \$0</p> <p>CONSTRUCTION: \$423,611</p> <p>CONSTRUCTION ENGINEERING: \$18,488</p> <p>CONTINGENCIES: \$6,547</p> <p>INDIRECTS: \$0</p> <p>BOND FINANCING: \$0</p> <p>TOTAL PROJECT COST (YOE): \$471,238</p>			<p>AUTHORIZED FUNDING BY CATEGORY</p> <p>CATEGORY: FEDERAL: \$0 STATE: \$0 LOCAL: \$84,722 TOTAL: \$423,611</p> <p>9-TAP \$338,889</p> <p>TOTAL \$338,889 \$0 \$84,722 \$0 \$423,611</p>					



KTMP Projects

- New roadway
- Additional lanes
- Maint. / Rehab.
- Sidewalk / Trail

Roads

- Interstate
- US Highway
- State Highway
- Farm-to-Market
- County Road
- Streets

Other Features

- Planning Boundary (MAB)
- Cities
- Fort Hood
- Lake
- Parks

Project Name: 13th Avenue Sidewalk and Shared-Use Path
Description: Construct 5' sidewalks on north side of 13th Ave from Main St to Woodall;
 Transition to 10' SUP
New Extents: Main St (SH 317) to Woodall St (SH 817)
 ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL

HIGHWAY PROJECT LISTING

KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2019 - 2022 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2022

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	SPONSOR	YOE COST
Waco		0231-07-901	IH 14	2022	C		TxDOT	\$2,230,252

LIMITS FROM: Coryell County Line

LIMITS TO: SH 195

DESCRIPTION: Construction of fiber optics, traffic cameras, and dynamic message boards

REMARKS:

REVISION DATE: Feb-19

MPO ID: W45-01

FUNDING CATEGORY: 2M

PROJECT HISTORY:

MPO Selected Project in
December 2018 During the
Reprioritization of the MTP

TOTAL PROJECT COST INFORMATION:		COST OF APPROVED PHASES:	
PRELIMINARY ENGINEERING:	\$109,282		
RIGHT OF WAY:	\$0		
CONSTRUCTION:	\$2,230,252		\$2,230,252
CONSTRUCTION ENGINEERING:	\$89,433		
CONTINGENCIES:	\$31,669		
INDIRECTS:	\$0		
BOND FINANCING:	\$0		
TOTAL PROJECT COST (YOE):	\$2,460,636		

AUTHORIZED FUNDING BY CATEGORY			
CATEGORY:	FEDERAL:	STATE:	LOCAL:
2M	\$1,784,202	\$446,050	\$0
TOTAL	\$1,784,202	\$446,050	\$0

TOTAL:		
LOCAL CONT:	\$0	\$2,230,252
TOTAL:	\$0	\$2,230,252

HIGHWAY PROJECT LISTING

KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2019 - 2022 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2022

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
Waco	Bell	0231-03-901	IH 14	2022	C		TxDOT	\$2,678,945

LIMITS FROM: SH 195

LIMITS TO: FM 2410

DESCRIPTION: Construction of fiber optics, traffic cameras, and dynamic message boards

REMARKS:

REVISION DATE: Feb-19

MPO ID: W45-01

FUNDING CATEGORY: 2M

PROJECT HISTORY:

MPO Selected Project in December 2018 During the Reprioritization of the MTP

TOTAL PROJECT COST INFORMATION:		COST OF APPROVED PHASES:	
PRELIMINARY ENGINEERING:	\$204,170	FEDERAL:	\$2,143,156
RIGHT OF WAY:	\$0	STATE:	\$535,789
CONSTRUCTION:	\$4,166,740	LOCAL:	\$0
CONSTRUCTION ENGINEERING:	\$167,086	TOTAL:	\$2,678,945
CONTINGENCIES:	\$59,167		
INDIRECTS:	\$0		
BOND FINANCING:	\$0		
TOTAL PROJECT COST (YOE):	\$4,597,163		

AUTHORIZED FUNDING BY CATEGORY			
CATEGORY:	FEDERAL:	STATE:	LOCAL:
2M	\$2,143,156	\$535,789	\$0
TOTAL	\$2,143,156	\$535,789	\$0

HIGHWAY PROJECT LISTING

KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2019 - 2022 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2022

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
Waco	Bell	3534-01-901	IH 14	2022	C		TxDOT	\$621,066

LIMITS FROM: I-14

LIMITS TO: FM 2410

DESCRIPTION: Construction of fiber optics, traffic cameras, and dynamic message boards

REMARKS:

REVISION DATE: Feb-19

MPO ID: W45-01

FUNDING CATEGORY: 2M

PROJECT HISTORY:

MPO Selected Project in December 2018 During the Reprioritization of the MTP

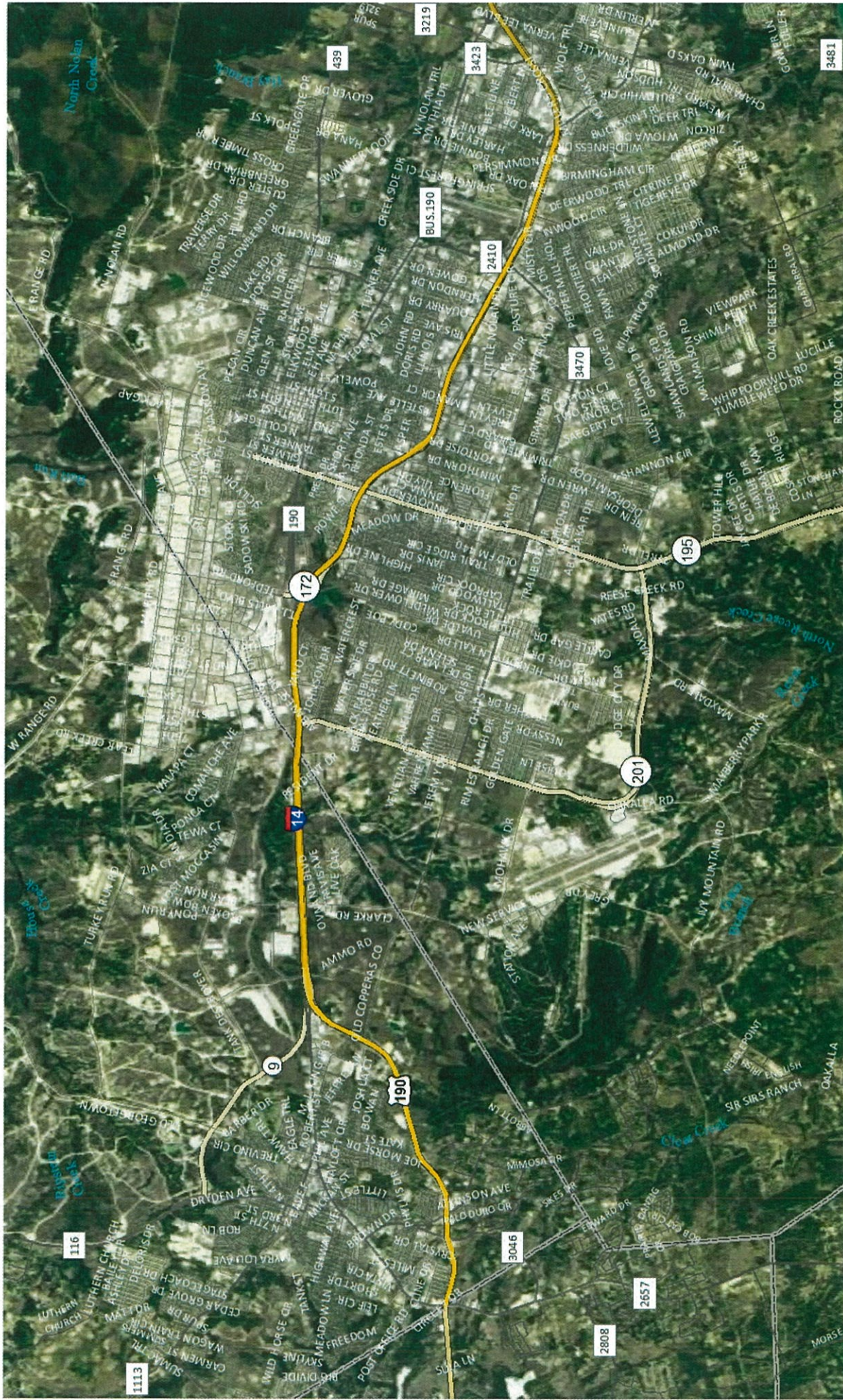
TOTAL PROJECT COST INFORMATION:		COST OF APPROVED PHASES:	
PRELIMINARY ENGINEERING:	\$30,432	FEDERAL:	\$496,853
RIGHT OF WAY:	\$0	STATE:	\$124,213
CONSTRUCTION:	\$621,066	LOCAL:	\$0
CONSTRUCTION ENGINEERING:	\$24,904	TOTAL	\$496,853
CONTINGENCIES:	\$8,819		\$124,213
INDIRECTS:	\$0		\$0
BOND FINANCING:	\$0		\$0
TOTAL PROJECT COST (YOE):	\$685,221		\$621,066

AUTHORIZED FUNDING BY CATEGORY

CATEGORY:	FEDERAL:	STATE:	LOCAL:	LOCAL CONT:	TOTAL:
2M	\$496,853	\$124,213	\$0	\$0	\$621,066
TOTAL	\$496,853	\$124,213	\$0	\$0	\$621,066

W45-01

Work Type:
Maintenance/Rehabilitation



- KTMP Projects**
- New roadway
 - Additional lanes
 - Maint. / Rehab.
 - Sidewalk / Trail

- Roads**
- Interstate
 - US Highway
 - State Highway
 - Fam-to-Market
 - County Road
 - Streets

- Other Features**
- Planning Boundary (MMB)
 - Cities
 - Fort Hood
 - Lake
 - Parks

Project Name: I-14 ATMS
Project Limits: Coryell County Line to FM 2410

ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL

HIGHWAY PROJECT LISTING

KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2019 - 2022 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2021

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
Waco	Coryell	0231-19-003	US 190	2021	C	Copperas Cove	TxDOT	\$48,150,000

LIMITS FROM: US 190 W of FM 2657

LIMITS TO: Coryell County Line

DESCRIPTION: Widen from two lanes to four lanes divided and construct interchange

REVISION DATE: Feb-19

MPO ID: W35-01

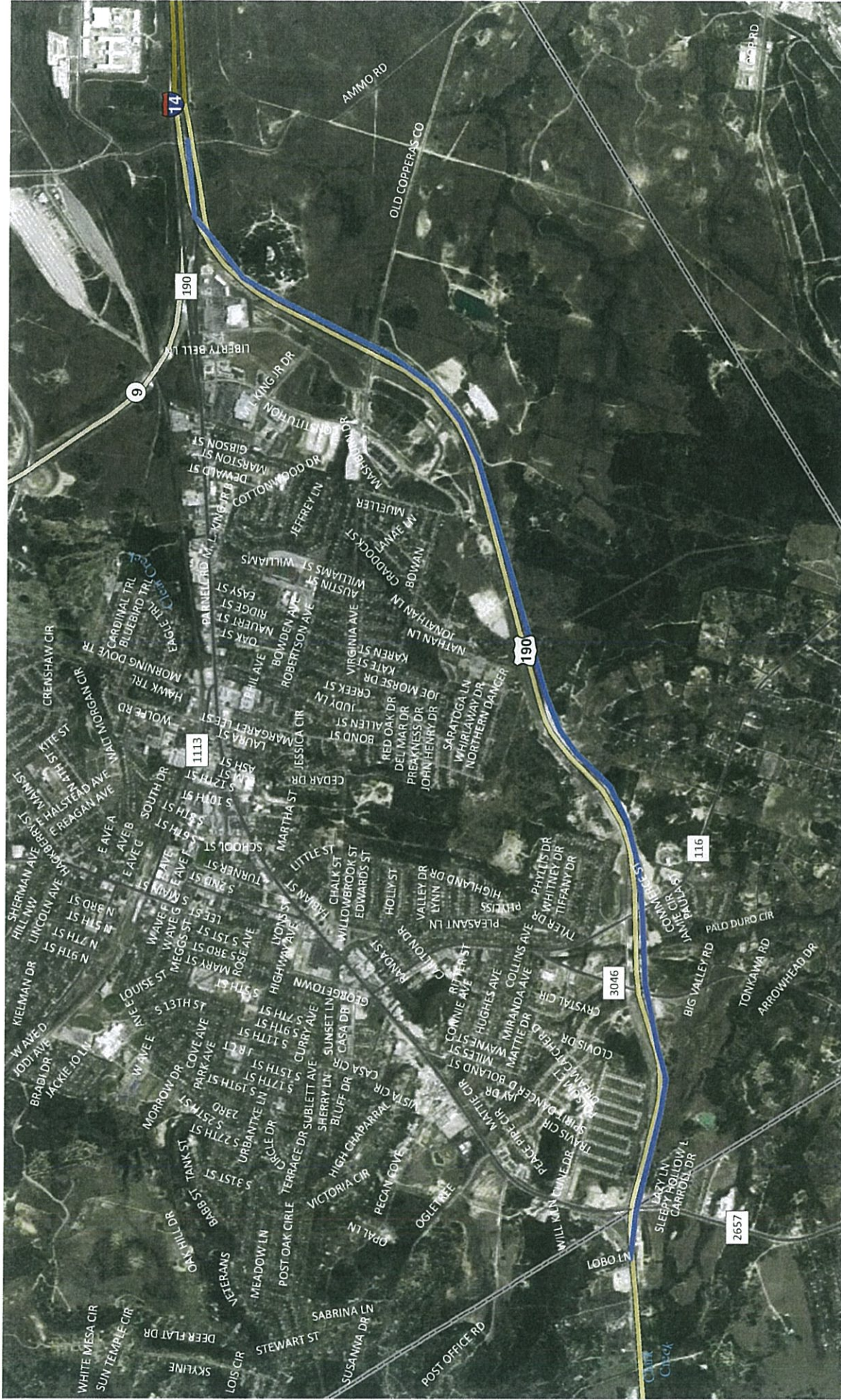
FUNDING CATEGORY: 2M

REMARKS:

PROJECT HISTORY:

MPO Selected Project in December 2018 During the Reprioritization of the MTP

TOTAL PROJECT COST INFORMATION:		COST OF APPROVED PHASES:		AUTHORIZED FUNDING BY CATEGORY			
PRELIMINARY ENGINEERING:	\$2,357,657	CONSTRUCTION:	\$48,116,453	CATEGORY: FEDERAL:	\$38,520,000	TOTAL:	\$48,150,000
RIGHT OF WAY:	\$0	CONSTRUCTION ENGINEERING:	\$2,068,964	2M	\$38,520,000	STATE:	\$9,630,000
CONTINGENCIES:	\$86,607	INDIRECTS:	\$0	TOTAL	\$38,520,000	LOCAL:	\$0
BOND FINANCING:	\$0	TOTAL PROJECT COST (YOE):	\$52,629,681		\$9,630,000	LOCAL CONT:	\$0
						TOTAL:	\$48,150,000



KTMPO Projects

- New roadway
- Additional lanes
- Maint. / Rehab.
- Sidewalk/Trait

Roads

- Interstate
- US Highway
- State Highway
- Farm-to-Market
- County Road
- Streets

Other Features

- Planning Boundary (MAB)
- Cities
- Fort Hood
- Lake
- Parks

Project Name: US 190 Bypass
New Extents: East of Copperas Cove to .5 Mi W. of Lampasas County line

ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL

Item 9:

Resolution No. 2019-01

Resolution No. 2019-01—Transit Performance Targets-State of Good Repair

Previously, KTMPO 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. The Planning Rule also requires MPOs to adopt State of Good Repair performance targets each year.

KTMPO does not own, operate or manage capital assets connected to the provision of public transit service. HCTD serves as the transit operator and designated recipient for federal transit funding within the urban service area. HCTD has established State of Good Repair performance targets and objectives for both their urban and rural systems in their Transit Asset Management Plan (TAMP) which is included within HCTD's *Maintenance Plan*. 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%. A summary of the performance targets and objectives is attached along with the TAMP.

At the January 2, 2019 TAC meeting, TAC recommended approval of Resolution No. 2019-01 with the adoption of urban and rural performance targets identified in the HCTD TAMP as the MPO performance targets for the region.

Future revisions may be necessary to ensure consistency with the performance targets that HCTD establishes. Therefore, staff propose future revisions be administratively approved by KTMPO staff and brought to the attention of the TAC and TPPB.

Action Needed: Approval of Resolution No. 2019-01 regarding adoption of HCTD State of Good Repair urban and rural system performance targets in the TAMP as the MPO performance targets for the region and authorize future revisions to be administratively approved by KTMPO staff and presented to the TAC and TPPB.



RESOLUTION NO. 2019-01

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 (KTMPO) 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 2019.

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

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

PASSED AND ADOPTED on this 16th day of January 2019, at a regular meeting of the KTMPO 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 Tim Davis, KTMPO TPPB Chair

Jim Reed, Interim KTMPO Director

**Transit Asset
Management
Plan
(TAMP)**

***Annual Report
2019***

INTRODUCTION – TAMP REPORT FOR 2019

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.

Information used for the 2019 TAMP report was provided by the following individuals:

1. Darrell Burtner – Director of Urban Operations
2. Tony Austin – Director of Rural Operations
3. Thomas Brewer – Lead Mechanic
4. Justo Andaluz – Rural Fleet Maintenance Coordinator
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 for the 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 November, 2016.

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>
Urban Support Vehicles	13	8.7	3.0
Temple FRS Buses	8	6.6	3.6
Temple STS Cutaway	27	8.0	2.7
Temple STS Vans	0	N/A	N/A
Killeen FRS Buses	16	6.7	3.5
Killeen STS Cutaway	27	5.9	3.2
Killeen STS Vans	10	6.3	2.9
Rural Fleet	67	7.2	3.6
Shelters	186	7.9	4.0
Maintenance Equipment	44	4.3	3.8
Buildings	4	5.0	5.0
Total	402	6.7	3.5

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 2019</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>After 2023</i>	<i>Total</i>
Urban Support Vehicles	13	0	0	0	0	0	0	13
Temple STS Vans	0	0	0	0	0	0	0	0
Temple STS Cutaway	22	3	0	0	2	0	0	27
Temple FRS Buses	0	0	2	0	3	0	3	8
Killeen FRS Buses	0	0	4	0	8	0	4	16
Killeen STS Cutaway	18	0	4	0	0	0	5	27
Killeen STS Vans	10	0	0	0	0	0	0	10
Rural Fleet	52	2	2	10	1	0	0	67
Shelters	0	0	0	0	12	0	174	186
Maintenance Equipment	12	1	1	2	10	1	17	44
Buildings	0	0	0	0	0	0	4	4
Total	127	6	13	12	36	1	207	402

The tables on the following pages display 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.

Killeen FRS Buses

<i>Asset</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>
823		X			
824		X			
825		X			
826		X			
827				X	
828				X	
829				X	
830				X	
831				X	
832				X	
833				X	
834				X	

Killeen STS Cutaways

Asset	2019	2020	2021	2022	2023
718	X				
719	X				
720	X				
721	X				
722	X				
723	X				
724	X				
725	X				
726	X				
728	X				
730	X				
731	X				
732	X				
733	X				
734	X				
735	X				
736	X				
737	X				
738		X			
739		X			
740		X			
741		X			
742					X
743					X
744					X
745					X
746					X

Killeen STS Vans

Asset	2019	2020	2021	2022	2023
251	X				
252	X				
253	X				
257	X				
258	X				
259	X				
261	X				
262	X				
263	X				
264	X				

Temple FRS Buses

Asset	2019	2020	2021	2022	2023
904	X				
905	X				
906				X	
907				X	
908				X	

Temple STS Cutaways

Asset	2019	2020	2021	2022	2023
235	X				
236	X				
237	X				
238	X				
239	X				
242	X				
243	X				
244	X				
245	X				
246	X				
247	X				
249	X				
250	X				
L135	X				
L137	X				
L138	X				
L139	X				
L141	X				
L148	X				
254	X				
255	X				
256	X				
265	X				
266	X				
267	X				
268				X	
269				X	

Urban Support Fleet

Asset	2019	2020	2021	2022	2023
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				

Rural Fleet

Asset	2019	2020	2021	2022	2023
505	X				
506	X				
L606	X				
L607	X				
409	X				
204	X				
207	X				
410	X				
411	X				
008	X				
L134	X				
R116	X				
R117	X				
R118	X				
R119	X				
209	X				
210	X				
211	X				
412	X				
413	X				
414	X				
415	X				
L136	X				
L140	X				
L142	X				
L143	X				
L144	X				
L145	X				
L146	X				

Rural Fleet (Cont.)

<i>Asset</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>
R120	X				
R121	X				
R122	X				
L147	X				
L608	X				
L609	X				
L610	X				
L611	X				
L612	X				
L149	X				
L150	X				
L151	X				
R123	X				
R124	X				
M301	X				
M303	X				
M304	X				
L152	X				
L153	X				
L154	X				
L155	X				
L156	X				
M306	X				
L157	X				
L158	X				
L159		X			
L160		X			
L161			X		
L162			X		
L163			X		
L164			X		
L165			X		
L166			X		
L167			X		
L168			X		
L169			X		
L170			X		
L171				X	

Passenger Amenities

Asset	2019	2020	2021	2022	2023
<i>All amenities within lifecycles for next five years</i>					

Buildings

Asset	2019	2020	2021	2022	2023
<i>All buildings within lifecycles for next five years</i>					

Maintenance Equipment

Asset	2019	2020	2021	2022	2023
01 - Air Compressor	X				
GC1	X				
FL1	X				
Robinair 1	X				
MIG -Welder 210	X				
HUB1	X				
08 - Utility Trailer	X				
Pressure Wash	X				
STEAM CLEANER	X				
Torque Wrench	X				
Bus Wash Bay	X				
Fuel Island	X				
07 - Mobile Column Lift	X				

Maintenance Equipment (Cont.)

<i>Asset</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>
4ECW6		X			
Tire Balancer			X		
Tire Changer			X		
BOLENS				X	
Generac				X	
Heater Forced Air 1				X	
Heater Forced Air 2				X	
Plasma Cutter				X	
Porta Cool 1				X	
Porta Cool 2				X	
Porta Cool 3				X	
Porta Cool 4				X	
Rotary				X	
Drill Press					X

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.

		<i>Asset Category</i>	<i>Total # of Assets</i>	<i># of Assets that exceed their ULB</i>	<i>Percentage of Assets that have exceeded their ULB</i>	
<i>Urban Vehicle Type</i>		Urban Support Vehicles	13	9	69.2%	
		Temple FRS Buses	8	0	0.0%	
		Temple STS Cutaway	27	6	22.2%	
		Temple STS Vans	0	0	0.0%	
		Killeen FRS Buses	16	0	0.0%	
		Killeen STS Cutaway	27	0	0.0%	
		Killeen STS Vans	10	3	30.0%	
		Urban Fleet	101	18	17.8%	<i>Categorical</i>
		Rural Fleet	67	21	31.3%	<i>Target</i>
		Total Rolling Stock	168	39	23.2%	=< 30%
	Total Maintenance Equipment	44	12	27.3%	=< 30%	
	Total Buildings	4	0	0.0%	=< 0%	

URBAN FLEET 2018 data for Five Year Replacement Plan

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UNIT #	LIFE CYCLE YEARS	LIFE CYCLE MILES	MANF YR	CURRENT MILES	SOGR SCORE*	REPLMCT DUE YR	REPLMCT DUE MI	ULB DATE	DESCRIPTION	DIVISION	PRIORITY RATING	ACTION LEVEL	COMMENTS
1	4	100,000	2007	186,743	2.60	2011	-86,743	2015	TAURUS SE 3.0L V6	Belton Support	2	2	
2	4	100,000	2007	194,503	2.60	2011	-94,503	2015	TAURUS SE 3.0L V6	Belton Support	2	2	
3	4	100,000	2007	178,198	2.60	2011	-78,198	2015	TAURUS SE 3.0L V6	Belton Support	2	2	
4	4	100,000	2007	176,526	2.60	2011	-76,526	2015	TAURUS SE 3.0L V6	Belton Support	2	2	
5	4	100,000	2007	148,096	2.60	2011	-48,096	2015	TAURUS SE3.0L V6	Belton Support	2	2	
6	4	100,000	2009	66,982	4.00	2013	33,018	2017	EDGE SEL	Belton Support	3	3	
7	4	100,000	2008	100,027	2.80	2012	-27	2016	F250 SUPER DUTY XLT 5.4	Belton Support	2	2	
9	5	150,000	2013	145,422	2.80	2018	4,578	2021	EXPRESS 2500 SWB	Belton Support	2	2	
206	4	100,000	2007	215,698	2.40	2011	-115,698	2015	CARAVAN	Belton Support	2	2	
240	4	100,000	2007	258,291	2.40	2011	-158,291	2015	CARAVAN	Belton Support	2	2	
X10	4	100,000	2014	80,129	4.00	2018	19,871	2022	SIENNA LE	Belton Support	3	3	
X11	4	100,000	2014	109,336	3.80	2018	-9,336	2022	SIENNA LE	Belton Support	3	3	
X12	4	100,000	2014	95,634	3.80	2018	4,366	2022	SIENNA LE	Belton Support	3	3	

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

URBAN FLEET 2018 data for Five Year Replacement Plan

Page 2 of 6

UNIT #	LIFE CYCLE YEARS	LIFE CYCLE MILES	MANY YR	CURRENT MILES	SOGR SCORE*	REPLMCT DUE YR	REPLMCT DUE MI	ULB DATE	DESCRIPTION	DIVISION	PRIORITY RATING	ACTION LEVEL	COMMENTS
823	12	500,000	2008	254,546	2.67	2020	245,454	2022	OPTIMA	Killeen - FRS			
824	12	500,000	2008	180,350	3.00	2020	319,650	2022	OPTIMA	Killeen - FRS			
825	12	500,000	2008	161,623	2.83	2020	318,377	2022	OPTIMA	Killeen - FRS			
826	12	500,000	2008	191,946	3.00	2020	308,054	2022	OPTIMA	Killeen - FRS			
827	12	500,000	2010	246,455	2.50	2022	253,545	2024	EZ RIDER	Killeen - FRS			
828	12	500,000	2010	307,738	3.33	2022	192,262	2024	EZ RIDER	Killeen - FRS			
829	12	500,000	2010	296,670	3.50	2022	203,330	2024	EZ RIDER	Killeen - FRS			
830	12	500,000	2010	353,525	3.17	2022	146,475	2024	EZ RIDER	Killeen - FRS			
831	12	500,000	2010	335,810	3.33	2022	164,190	2024	EZ RIDER	Killeen - FRS			
832	12	500,000	2010	350,855	3.33	2022	149,144	2024	EZ RIDER	Killeen - FRS			
833	12	500,000	2010	325,026	3.17	2022	170,974	2024	EZ RIDER	Killeen - FRS			
834	12	500,000	2010	316,190	3.17	2022	183,810	2024	EZ RIDER	Killeen - FRS			
835	12	500,000	2015	147,134	4.00	2027	352,866	2029	EZ RIDER	Killeen - FRS			
836	12	500,000	2018	35,762	4.83	2030	460,738	2032	EZ RIDER	Killeen - FRS			
837	12	500,000	2018	37,526	4.83	2030	462,474	2032	EZ RIDER	Killeen - FRS			
838	12	500,000	2018	31,025	4.67	2030	468,975	2032	EZ RIDER	Killeen - FRS			

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

URBAN FLEET 2018 data for Five Year Replacement Plan

UNIT #	LIFE CYCLE YEARS	LIFE CYCLE MILES	MAN'YR	CURRENT MILES	SOGR SCORE*	REPLMCT DUE YR	REPLMCT DUE MI	ULB DATE	DESCRIPTION	DIVISION	PRIORITY RATING	ACTION LEVEL	COMMENTS
718	4	100,000	2009	261,121	2.50	2013	-161,121	2019	FORD E-450 DIESEL 6.0L	Killeen - STS	2	2	
719	4	100,000	2009	284,403	2.50	2013	-184,403	2019	FORD E-450 DIESEL 6.0L	Killeen - STS	2	2	
720	4	100,000	2009	302,217	1.50	2013	-202,217	2019	FORD E-450 DIESEL 6.0L	Killeen - STS	1	1	
721	4	100,000	2009	328,997	2.50	2013	-228,997	2019	FORD E-450 DIESEL 6.0L	Killeen - STS	2	2	
722	4	100,000	2009	305,805	2.50	2013	-205,805	2019	FORD E-450 DIESEL 6.0L	Killeen - STS	2	2	
723	4	100,000	2009	308,449	2.00	2013	-208,449	2019	FORD E-450 DIESEL 6.0L	Killeen - STS	2	2	
724	4	100,000	2009	300,844	2.50	2013	-200,844	2019	FORD E-450 DIESEL 6.0L	Killeen - STS	2	2	
725	4	100,000	2009	322,301	2.67	2013	-222,301	2019	FORD E-450 DIESEL 6.0L	Killeen - STS	2	2	
726	4	100,000	2009	303,348	2.50	2013	-203,348	2019	FORD E-450 DIESEL 6.0L	Killeen - STS	2	2	
728	4	100,000	2009	349,437	2.50	2013	-249,437	2019	FORD E-450 DIESEL 6.0L	Killeen - STS	2	2	
730	5	150,000	2011	257,056	2.67	2016	-107,056	2021	CHEVROLET EXPRESS 4500	Killeen - STS	2	2	
731	5	150,000	2011	239,021	2.33	2016	-89,021	2021	CHEVROLET EXPRESS 4500	Killeen - STS	2	2	Blown Gasket; needs new engine
732	5	150,000	2011	264,872	3.00	2016	-114,872	2021	CHEVROLET EXPRESS 4500	Killeen - STS	2	2	
733	5	150,000	2011	256,600	2.67	2016	-106,600	2021	CHEVROLET EXPRESS 4500	Killeen - STS	2	2	
734	5	150,000	2011	239,835	2.67	2016	-89,835	2021	CHEVROLET EXPRESS 4500	Killeen - STS	2	2	
735	5	150,000	2011	263,450	2.67	2016	-113,450	2021	CHEVROLET EXPRESS 4500	Killeen - STS	2	2	
736	5	150,000	2011	243,930	3.17	2016	-93,930	2021	CHEVROLET EXPRESS 4500	Killeen - STS	2	2	
737	5	150,000	2011	243,405	2.67	2016	-93,405	2021	CHEVROLET EXPRESS 4500	Killeen - STS	2	2	
738	5	150,000	2015	149,853	3.83	2020	147	2025	CHEVROLET EXPRESS 4501	Killeen - STS	3	3	
739	5	150,000	2015	144,522	3.67	2020	5,478	2025	CHEVROLET EXPRESS 4502	Killeen - STS			
740	5	150,000	2015	136,215	3.67	2020	13,785	2025	CHEVROLET EXPRESS 4503	Killeen - STS			
741	5	150,000	2015	149,483	3.67	2020	517	2025	CHEVROLET EXPRESS 4504	Killeen - STS	3	3	
742	5	150,000	2018	3,516	5.00	2023	146,484	2028	CHEVROLET EXPRESS 4505	Killeen - STS			
743	5	150,000	2018	3,551	5.00	2023	146,449	2028	CHEVROLET EXPRESS 4506	Killeen - STS			
744	5	150,000	2018	2,219	5.00	2023	147,781	2028	CHEVROLET EXPRESS 4507	Killeen - STS			
745	5	150,000	2018	3,449	5.00	2023	146,551	2028	CHEVROLET EXPRESS 4508	Killeen - STS			
746	5	150,000	2018	3,394	5.00	2023	146,606	2028	CHEVROLET EXPRESS 4509	Killeen - STS			

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

URBAN FLEET 2018 data for Five Year Replacement Plan

UNIT #	LIFE CYCLE YEARS	LIFE CYCLE MILES	MAN'Y YR	CURRENT MILES	SOGR	REPLMCT DUE YR	REPLMCT DUE MI	ULB DATE	DESCRIPTION	DIVISION	PRIORITY RATING	ACTION LEVEL	COMMENTS
251	4	100,000	2009	305,125	2.60	2013	-205,125	2017	SIENNA LE	Killeen - Van	2	2	
252	4	100,000	2009	264,768	2.60	2013	-164,768	2017	SIENNA LE	Killeen - Van	2	2	
253	4	100,000	2009	237,855	2.60	2013	-137,855	2017	SIENNA LE	Killeen - Van	2	2	
257	4	100,000	2012	154,795	3.40	2016	-54,795	2020	GRAND CARAVAN	Killeen - Van	3	3	
258	4	100,000	2012	155,168	2.60	2016	-55,168	2020	GRAND CARAVAN	Killeen - Van	2	2	
259	4	100,000	2013	148,376	3.40	2017	-48,376	2021	GRAND CARAVAN	Killeen - Van	3	3	
261	4	100,000	2013	158,394	3.40	2017	-58,394	2021	GRAND CARAVAN	Killeen - Van	3	3	
262	4	100,000	2013	164,166	2.60	2017	-64,166	2021	GRAND CARAVAN	Killeen - Van	2	2	
263	4	100,000	2013	160,702	2.80	2017	-60,702	2021	GRAND CARAVAN	Killeen - Van	2	2	
264	4	100,000	2014	128,819	3.40	2018	-28,819	2022	GRAND CARAVAN	Killeen - Van	3	3	

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URBAN FLEET 2018 data for Five Year Replacement Plan

UNIT #	LIFE CYCLE YEARS	LIFE CYCLE MILES	MANF YR	CURRENT MILES	SDGR	REPLMCT DUE YR	REPLMCT DUE MI	ULB DATE	DESCRIPTION	DIVISION	PRIORITY RATING	ACTION LEVEL	COMMENTS
904	12	500,000	2008	156,410	2.83	2020	343,590	2022	OPUS	Temple - FRS			
905	12	500,000	2008	194,153	3.17	2020	305,848	2022	OPTIMA	Temple - FRS			
906	12	500,000	2010	232,380	3.67	2022	267,620	2024	EZ RIDER	Temple - FRS			
907	12	500,000	2010	254,525	3.83	2022	245,475	2024	EZ RIDER	Temple - FRS			
908	12	500,000	2010	257,300	3.67	2022	242,700	2024	EZ RIDER	Temple - FRS			
909	12	500,000	2015	99,385	3.83	2027	400,615	2029	EZ RIDER	Temple - FRS			
910	12	500,000	2015	123,330	4.00	2027	376,670	2029	EZ RIDER	Temple - FRS			
911	12	500,000	2015	92,359	4.00	2027	407,641	2029	EZ RIDER	Temple - FRS			

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

URBAN FLEET 2018 data for Five Year Replacement Plan

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UNIT #	LIFE CYCLE YEARS	LIFE CYCLE MILES	MANUF YR	CURRENT MILES	SOGR	REPLMCT DUE YR	REPLMCT DUE MI	ULB DATE	DESCRIPTION	DIVISION	PRIORITY RATING	ACTION LEVEL	COMMENTS
235	4	100,000	2005	211,320	1.50	2009	-111,320	2015	FORD E-450	Temple - STS	1	1	
236	4	100,000	2005	228,092	1.17	2009	-128,092	2015	FORD E-450 DIESEL 6.0L	Temple - STS	1	1	
237	4	100,000	2006	252,636	1.67	2010	-152,636	2016	FORD E-450 DIESEL 6.0L	Temple - STS	1	1	
238	4	100,000	2006	285,827	2.17	2010	-185,827	2016	FORD E-450 DIESEL 6.0L	Temple - STS	2	2	
239	4	100,000	2007	302,235	1.83	2011	-202,235	2017	CHEVY DURAMAX 6.6L	Temple - STS	2	2	
242	4	100,000	2008	268,416	2.33	2012	-168,416	2018	FORD E-450	Temple - STS	2	2	
243	4	100,000	2009	263,529	2.67	2013	-163,529	2019	FORD E-450 DIESEL 6.0L	Temple - STS	2	2	
244	4	100,000	2009	237,952	2.33	2013	-137,952	2019	FORD E-450 DIESEL 6.0L	Temple - STS	2	2	
245	4	100,000	2009	227,450	2.50	2013	-127,450	2019	FORD E-450 DIESEL 6.0L	Temple - STS	2	2	
246	4	100,000	2009	219,257	2.00	2013	-119,257	2019	FORD E-450 DIESEL 6.0L	Temple - STS	2	2	
247	4	100,000	2009	222,721	2.33	2013	-122,721	2019	FORD E-450 DIESEL 6.0L	Temple - STS	2	2	
249	4	100,000	2009	231,759	2.50	2013	-131,759	2019	FORD E-450 DIESEL 6.0L	Temple - STS	2	2	
250	4	100,000	2009	274,371	2.50	2013	-174,371	2019	FORD E-450 DIESEL 6.0L	Temple - STS	2	2	
254	4	100,000	2010	200,516	2.83	2014	-100,516	2020	FORD E 450	Temple - STS	2	2	
255	5	150,000	2011	263,824	2.67	2016	-113,824	2021	EXPRESS 4500	Temple - STS	2	2	
256	5	150,000	2013	202,069	2.83	2018	-52,069	2023	ENC AEROTECH	Temple - STS	2	2	
265	4	100,000	2015	136,928	2.67	2019	-36,928	2025	FORD E-450 DIESEL 6.0L	Temple - STS	3	3	
266	4	100,000	2015	122,565	3.67	2019	-22,565	2025	FORD E-450 DIESEL 6.0L	Temple - STS	3	3	
267	4	100,000	2015	135,824	3.50	2019	-35,824	2025	FORD E-450 DIESEL 6.0L	Temple - STS	3	3	
268	4	100,000	2018	3,232	5.00	2022	96,768	2028	FORD E-450 DIESEL 6.0L	Temple - STS			
269	4	100,000	2018	3,426	5.00	2022	96,574	2028	FORD E-450 DIESEL 6.0L	Temple - STS			
L135	4	100,000	2009	220,048	2.17	2013	-120,048	2019	FORD E-450 DIESEL 6.0L	Temple - STS	2	2	
L137	4	100,000	2009	190,608	2.50	2013	-90,608	2019	FORD E-450 DIESEL 6.0L	Temple - STS	2	2	
L138	4	100,000	2009	212,374	2.33	2013	-112,374	2019	FORD E-450 DIESEL 6.0L	Temple - STS	2	2	
L139	4	100,000	2009	237,835	2.50	2013	-137,835	2019	FORD E-450 DIESEL 6.0L	Temple - STS	2	2	
L141	4	100,000	2009	188,287	2.50	2013	-88,287	2019	FORD E-450 DIESEL 6.0L	Temple - STS	2	2	
L148	4	100,000	2009	197,138	3.00	2013	-97,138	2019	FORD E-450 DIESEL 6.0L	Temple - STS	2	2	

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Priority rating

- 1 High 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

RURAL FLEET 2018 data for Five Year Replacement Plan

UNIT #	LIFE CYCLE YEARS	LIFE CYCLE MILES	MAN'T YR	CURRENT MILES	SOGR SCORE*	REPLMCT DUE YR	REPLMCT DUE MI	ULB DATE	DESCRIPTION	DIVISION	PRIORITY RATING	ACTION LEVEL	COMMENTS
008	4	100,000	2008	112,253	3.40	2012	-12,253	2,016	F250 SUPER DUTY XLT 5.4	Belton Support	3	3	
204	4	100,000	2007	295,003	3.00	2011	-195,003	2,015	CARAVAN	Lampasas	2	2	
207	4	100,000	2007	318,036	2.60	2011	-218,036	2,015	CARAVAN	Llano	2	2	
209	4	100,000	2009	171,481	2.60	2013	-71,481	2,017	TOYOTA SIENNA LE	Hico	2	2	
210	4	100,000	2009	233,223	3.00	2013	-133,223	2,017	TOYOTA SIENNA LE	San Saba	2	2	
211	4	100,000	2009	279,831	2.60	2013	-179,831	2,017	TOYOTA SIENNA LE	Kingsland	2	2	
409	4	100,000	2006	182,711	2.60	2010	-82,711	2,016	E-350 ECONOLINE	Rockdale	2	2	
410	4	100,000	2007	163,800	2.60	2011	-63,800	2,017	E-350 ECONOLINE	Llano	2	2	
411	4	100,000	2007	200,421	2.60	2011	-100,421	2,017	E-350 ECONOLINE	Gatesville	2	2	
412	4	100,000	2009	10,481	3.00	2013	89,519	2,019	E-350 ECONOLINE	Cameron	2	2	
413	4	100,000	2009	144,183	2.40	2013	-44,183	2,019	E-350 ECONOLINE	Goldthwaite	2	2	
414	4	100,000	2009	200,264	2.60	2013	-100,264	2,019	E-350 ECONOLINE	Gatesville	2	2	
415	4	100,000	2009	97,291	3.60	2013	2,709	2,019	E-350 ECONOLINE	San Saba	3	3	
505	5	150,000	2003	76,146	4.00	2008	73,854	2,013	FORD BUS	Llano	3	3	
506	5	150,000	2003	30,892	4.17	2008	119,108	2,013	FORD BUS	Llano	3	3	
1134	4	100,000	2008	81,728	3.83	2012	18,272	2,018	E-450 DIESEL	Gatesville	3	3	
1136	4	100,000	2009	134,472	3.50	2013	-34,472	2,019	E-450 DIESEL	Gatesville	2	2	
1140	4	100,000	2009	168,245	3.67	2013	-68,245	2,019	E-450 DIESEL	Gatesville	2	2	
1142	4	100,000	2009	150,016	3.50	2013	-50,016	2,019	E-450 DIESEL	Rockdale	2	2	
1143	4	100,000	2009	128,541	3.67	2013	-28,541	2,019	E-450 DIESEL	Goldthwaite	3	3	
1144	4	100,000	2009	83,595	4.00	2013	16,405	2,019	E-450 DIESEL	Mason	3	3	
1145	4	100,000	2009	107,491	4.00	2013	-7,491	2,019	E-450 DIESEL	Hamilton	3	3	
1146	4	100,000	2009	103,698	4.00	2013	-3,698	2,019	E-450 DIESEL	San Saba	3	3	
1147	4	100,000	2010	136,684	3.33	2014	-36,684	2,020	E-450 DIESEL	Lampasas	2	2	
1149	5	150,000	2011	151,263	3.67	2016	-1,263	2,021	EXPRESS 4500	Cameron	2	2	
1150	5	150,000	2011	125,011	4.00	2016	24,989	2,021	EXPRESS 4500	Goldthwaite	3	3	
1151	5	150,000	2011	104,011	4.00	2016	45,989	2,021	EXPRESS 4500	San Saba	3	3	
1152	5	150,000	2013	11,711	4.00	2018	138,289	2,023	ENC AEROTECH	Gatesville	3	3	
1153	5	150,000	2013	70,238	4.17	2018	79,762	2,023	ENC AEROTECH	Lampasas	3	3	
1154	5	150,000	2013	108,454	4.00	2018	41,546	2,023	CHEVROLET BUS	Llano	3	3	
1155	5	150,000	2013	146,709	3.83	2018	3,291	2,023	CHEVROLET BUS	Rockdale	3	3	
1156	5	150,000	2013	104,101	4.00	2018	45,899	2,023	CHEVROLET BUS	Cameron	3	3	

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RURAL FLEET 2018 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	ULB DATE	DESCRIPTION	DIVISION	PRIORITY RATING	ACTION LEVEL	COMMENTS
L157	5	150,000	2014	40,227	4.17	2019	109,773	2024	CHEVROLET BUS	Cameron			
L158	5	150,000	2014	46,498	4.17	2019	103,502	2024	CHEVROLET BUS	Cameron			
L159	5	150,000	2015	22,520	4.17	2020	127,480	2025	CHEVROLET BUS	Goldthwaite			
L160	5	150,000	2015	23,959	5.00	2020	126,041	2025	CHEVROLET BUS	San Saba			
L161	4	100,000	2017	47,438	5.00	2021	52,562	2027	E-450 DIESEL	Rockdale			
L162	4	100,000	2017	17,299	5.00	2021	82,701	2027	E-450 DIESEL	Rockdale			
L163	4	100,000	2017	24,971	4.83	2021	75,029	2027	E-450 DIESEL	Goldthwaite			
L164	4	100,000	2017	14,403	5.00	2021	85,497	2027	E-450 DIESEL	Mason			
L165	4	100,000	2017	24,493	5.00	2021	75,507	2027	E-450 DIESEL	Gatesville			
L166	4	100,000	2017	27,311	5.00	2021	72,689	2027	E-450 DIESEL	Gatesville			
L167	4	100,000	2017	22,553	5.00	2021	77,447	2027	E-450 DIESEL	Lampasas			
L168	4	100,000	2017	38,495	5.00	2021	61,505	2027	E-450 DIESEL	Llano			
L169	4	100,000	2017	15,201	5.00	2021	84,799	2027	E-450 DIESEL	Hamilton			
L170	4	100,000	2017	29,304	5.00	2021	70,696	2027	E-450 DIESEL	Kingsland			
L171	4	100,000	2018	1,837	5.00	2022	98,063	2028	E-450 DIESEL	Kingsland			
L606	5	150,000	2003	148,100	2.17	2008	1,900	2013	FORD BUS	Llano	2	2	
L607	5	150,000	2003	157,739	2.83	2008	-7,739	2013	FORD BUS	Lampasas	2	2	
L608	4	100,000	2010	103,468	3.33	2014	-3,468	2020	E-450 DIESEL	Cameron	2	2	
L609	4	100,000	2011	82,149	3.83	2015	17,851	2021	DURAMAX 6.6 LTR	Lampasas	3	3	
L610	4	100,000	2011	113,631	3.50	2015	-13,631	2021	DURAMAX 6.6 LTR	Cameron	3	3	
L611	4	100,000	2011	134,581	3.00	2015	-34,581	2021	DURAMAX 6.6 LTR	Rockdale	2	2	
L612	4	100,000	2011	103,970	3.67	2015	-3,970	2021	DURAMAX 6.6 LTR	Llano	3	3	
M301	4	100,000	2013	89,354	4.00	2017	10,646	2021	CARAVAN	Cameron	3	3	
M303	4	100,000	2013	191,408	2.80	2017	-91,408	2021	CARAVAN	Lampasas	2	2	
M304	4	100,000	2013	148,993	3.00	2017	-48,993	2021	CARAVAN	Goldthwaite	2	2	
M306	4	100,000	2014	75,700	4.00	2018	24,300	2022	TOYOTA SIENNA LE	Rockdale	3	3	
R116	5	150,000	2007	317,430	2.33	2012	-167,430	2015	UPLANDER	San Saba	2	2	
R117	5	150,000	2007	297,360	2.83	2012	-147,360	2015	UPLANDER	Gatesville	2	2	
R118	5	150,000	2007	197,349	2.67	2012	-47,349	2015	UPLANDER	Rockdale	2	2	
R119	5	150,000	2007	199,743	2.83	2012	-49,743	2015	UPLANDER	Cameron	2	2	
R120	5	150,000	2008	259,073	2.83	2013	-109,073	2016	UPLANDER	Llano	2	2	
R121	5	150,000	2008	182,534	2.67	2013	-32,534	2016	UPLANDER	Hico	2	2	
R122	5	150,000	2008	313,315	2.67	2013	-163,315	2016	UPLANDER	Lampasas	2	2	
R123	4	100,000	2012	157,916	3.17	2016	-57,916	2020	GRAND CARAVAN	Hamilton	2	2	
R124	4	100,000	2012	150,200	3.17	2016	-50,200	2020	GRAND CARAVAN	Lampasas	2	2	

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Priority rating

- 1 High 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

Equipment **2018 data for Five Year Replacement Plan**

UNIT #	LIFE CYCLE YEARS	LIFE CYCLE MILES	MAINT YR	CURRENT MILES	SOGR SCORE*	REPLMCT DUE YR	REPLMCT DUE MI	DESCRIPTION	PRIORITY RATING	ACTION LEVEL	COMMENTS
01 - Air Compressor	5		1994		2.5	1999	0	LX Tempal Shop Air Compressor	2	2	
07 - Mobile Column Lift	10		2009		2.5	2019	0	Maha Mobile Lift	2	2	
08 - Utility Trailer	5		2010		3.5	2015	0	Utility Trailer	3	3	
RECNS	5		2015		4	2020	0	RECNS - 2015 LIFT PLATFORM LIFT			
AIR/MANUAL 10 TON JACK	15		2016		5	2031	0	AIR/MANUAL 10 TON JACK - 2016 BLUE POINT			
BHOP Yard and Perimeter	15		2013		3.5	2028	0	Belton Yard			Fence related
BOLENS	5		2017		1	2022	0	BOLENS - BOLENS 13WC72F065 Riding Mower	1	1	Lawn care Contracted Out
Bus Wash Bay	5		2013		2.5	2018	0	Bus Wash	2	2	Wash equipment
Drill Press	5		2018		5	2023	0	IET 15" 6-speed floor drill press			
Eye Wash Station 5 Gal	15		2017		5	2032	0	Eye Wash Station 5 Gal			
Eye Wash Station 5 Gal-2	15		2017		5	2032	0	Eye Wash Station 5 Gal-2			
Eye Wash Wall Bus Wash	15		2017		5	2032	0	Eye Wash Wall Bus Wash			
Eye Wash Wall Parts RM	15		2017		5	2032	0	Eye Wash Wall Parts RM			
Eye Wash Wall Shop	15		2017		5	2032	0	Eye Wash Wall Shop			
E11	5		2006		2.5	2011	0	Hydrol Forklift	2	2	
Fuel Island	5		2013		2.5	2018	0	Fuel Island	2	2	Pump equipment
Fuel Tank - Diesel	20		2004		4	2024	0	Diesel Fuel Tank			Needs to be Painted
Fuel Tank - Unleaded	20		2012		3.5	2032	0	Unleaded Fuel Tank			Needs to be Painted
GC1	1		2007		7.5	2008	0	President Electric Golf Cart	2	2	
Generac	10		2012		4	2032	0	Generac Generator			
Heater Forced Air 1	5		2017		4	2022	0	Heater Forced Air 1 - Mr Heater MH175KTR			
Heater Forced Air 2	5		2017		4	2022	0	Heater Forced Air 2 - Mr Heater MH175KTR			
HLR3	2		2012		3	2014	0	Stemco Datasrac	2	2	
Ice Machine BLDG B	10		2017		5	2027	0	Ice Machine BLDG B			
Ice Machine BLDG C	10		2017		5	2027	0	Ice Machine BLDG C			
MIG Welder 210	2		2010		2.5	2012	0	Thermal Arc	2	2	
Plasma Cutter	5		2017		5	2022	0	Victor 540 Plasma Cutter			
Porta Cool 1	5		2017		4	2022	0	Porta Cool 1 - Porta Cool 16" 3 speed			
Porta Cool 2	5		2017		4	2022	0	Porta Cool 2 - Porta Cool 16" 3 speed			
Porta Cool 3	5		2017		4	2022	0	Porta Cool 3 - 2017 Porta Cool Cyclone			
Porta Cool 4	5		2017		4	2022	0	Porta Cool 4			
Pressure Wash	2		2013		2	2015	0	Alkota 42000	2	2	
Refrigerant Scale	100		2015		5	2115	0				
Robinar 1	2		2009		2.5	2011	0	Robinar 1428B A/C Service Machine	2	2	
ROBINAIR 2 2016	10		2016		4	2026	0	ROBINAIR 2 2016 - 2016 ROBINAIR 17800B			
ROBINAIR A/C VAC PUMP	10		2015		4.5	2025	0	ROBINAIR A/C VAC PUMP - 2015 ROBINAIR 15			
Rotary	10		2012		4	2022	0	Rotary 40000HD			
STEAM CLEANER	2		2013		2	2015	0	111 AM CLEANER - ALKOTIA 140	2	2	
SW-23	10		2016		4	2026	0	SW-23 - 2016 SMART WASHER SW-23			
T8010 TR	20		2016		4.5	2036	0	T8010 TR - 2016 JOHN BEAN T8010 TR			
Tire Balancer	5		2016		4	2021	0	John Bean EEWB541A			
Tire Changer	5		2016		4	2021	0	John Bean EEWB512BU			
Torque Wrench	3		2012		2.5	2015	0	Ironcave TQ703F	2	2	
VT36	10		2017		5	2027	0	VT36 - 2017 ATEQ MYERS 360 TPMS tool			

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Priority rating

- 1 High 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

BUILDINGS 2018 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	5	2038	Admin Bldg			
BLDG B	25	2013	5	2038	Shop			
BLDG C	25	2013	5	2038	Ready Room			
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 High 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 10:

Resolution No. 2019-02

Resolution No. 2019-02— State’s Safety Performance Targets

Previously, KTMPPO adopted the State’s Safety Performance Targets as the MPO performance targets for the region on January 17, 2018. KTMPPO has the option of establishing our own performance targets or can agree to support performance targets established by the state. Data for our region is limited and the reliability is questionable. Therefore, the consensus among the majority of MPOs across the state is to support the state’s performance targets. These are identified below:

1. Total Number of Traffic Fatalities
2. Total Number of Incapacitating Injuries
3. Death Rate: Deaths per 100 Million Vehicle Miles Traveled
4. Injury Rate: Serious Injuries per 100 Million Vehicle Miles Traveled
5. Total Number of Non-Motorized Fatalities and Serious Injuries

TARGET: The target for these areas is to achieve a 2% reduction from the original trend line projection in 2022.

Supporting the state targets will entail the following:

- Working with the state and safety stakeholders to address areas of concern for fatalities or serious injuries within the MPO planning area;
- Coordinating with the state and including in the Metropolitan Transportation Plan (MTP) the safety performance measures and targets for all public roads in the metropolitan area;
- Integrating into the planning process the safety goals, objectives, performance measures and targets described in other state safety transportation plans and processes such as applicable portions of the Highway Safety Improvement Program (HSIP);
- Including a description in the Transportation Improvement Program (TIP) of the anticipated effect of the TIP toward achieving HSIP targets in the MTP, linking investment priorities in the TIP to those safety targets.

Ways in which KTMPPO can support the state safety targets include using past data to identify areas that have shown a concentration of accidents and continue to use crash rates as one of our scoring criteria to select projects that support the statewide goals. KTMPPO can also use this information as part of our public outreach efforts to educate drivers about ways they can drive more safely and reduce accidents.

At the January 2, 2019 TAC meeting, TAC recommended approval of Resolution No. 2019-02 supporting the State’s Safety Performance Targets.

Action Needed: Approval of Resolution No. 2019-02 regarding adoption of TxDOT Highway Safety Improvement Program (HSIP) targets for all Safety performance measures as the MPO targets for the region.



RESOLUTION NO. 2019-02

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

WHEREAS; the Texas Department of Transportation has officially adopted the safety targets in the Highway Safety Improvement Program annual report dated August 31, 2017, and has adopted identical safety targets for number of fatalities, rate of fatalities, and number of serious injuries as set forth in the Highway State Strategic Plan (HSSP); 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 2019.

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 16th day of January, 2019 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 Tim Davis, KTMPO TPPB Chair

Jim Reed, Interim KTMPO Director

Item 11:

FY18/19 UPWP Amendment

Regarding approval of amendment to the FY18-19 Unified Planning Work Program (UPWP) regarding Task 5.2 TDM/Project Selection

KTMPO's approved Unified Planning Work Program (UPWP) budgeted \$35,000 under task 5.2 for Travel Demand Model (TDM)/Project Selection. An amendment is needed to move \$12,082 from FY18 Task 5.2 to FY19 Task 5.2 for work completed by the consultant in FY19. Task 5.2 FY18 funds will decrease from \$25,000 to \$12,918 and FY19 funds will increase from \$10,000 to \$22,082. The overall budget for Task 5.2 will remain the same. The Task 5 budget for FY18 will decrease from \$195,000 to \$182,918 and the Task 5 budget for FY19 will increase from \$25,000 to \$37,082. The overall budget for Task 5 will remain at \$220,000. The overall budget for FY18 for all tasks will decrease from \$1,007,404 to \$995,322 and the overall budget for FY19 for all tasks will increase from \$903,231 to \$915,313. The overall budget for FY18/19 will remain the same at \$2,068,583.

Staff is requesting approval of the proposed UPWP amendment.

Action Needed: Approval of proposed FY18/19 UPWP amendment.

FUNDING SUMMARY

Task 5.0 - FY18/19

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY18	FY19	FY18	FY19	FY18	FY19	
5.1 REGIONAL THOROUGHFARE AND PED/BICYCLE PLAN UPDATE	KTMPO	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
5.2 TDM/PROJECT SELECTION	KTMPO	\$25,000 \$12,918	\$10,000 \$22,082	\$0	\$0	\$0	\$0	\$35,000
5.3 CONGESTION MANAGEMENT PROCESS	KTMPO	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
5.4 PERFORMANCE MEASURES AND TARGETS	KTMPO	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
5.5 MISCELLANEOUS STUDIES	KTMPO	\$15,000	\$15,000	\$0	\$0	\$0	\$0	\$30,000
5.6 US 190 FEASIBILITY STUDY*	KTMPO & TXDOT	\$5,000	\$0	\$0	\$0	\$0	\$0	\$5,000
Total		\$195,000 \$182,918	\$25,000 \$37,082	\$0	\$0	\$0	\$0	\$220,000

* US 190 Feasibility Study is a state funded project approved by TxDOT on August 3, 2016. Consultant work was executed on December 30, 2016. KTMPO utilizes TPF for participation. The State and Consultant are not under the direction of the MPO. Feasibility Study is expected to be completed in FY18.

(1) TPF – This includes both FHWA PL-112 and FTA Section 5303 funds.

Estimate based on prior years' authorizations. Approvals are made contingent upon legislation for continued funding.

TxDOT will apply transportation development credits sufficient to provide the match for FHWA PL-112 and FTA Section 5303 programs. As the credits reflect neither cash nor man-hours, they are not reflected in the funding tables.

UPWP BUDGET SUMMARY FY18/19

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY18	FY19	FY18	FY19	FY18	FY19	
1. Administration-Management	KTMPO	\$506,811	\$31,006	\$0	\$0	\$0	\$0	\$1,037,817
2. Data Development and Maintenance	KTMPO	\$66,731	\$70,069	\$0	\$0	\$0	\$0	\$136,800
3. Short Range Planning	KTMPO & HCTD	\$39,034	\$40,984	\$35,072	\$35,423	\$43,509	\$43,944	\$237,966
4. Metropolitan Transportation Plan	KTMPO	\$199,828	\$236,172	\$0	\$0	\$0	\$0	\$436,000
5. Special Studies	KTMPO & TxDOT	\$195,000 \$182,918	\$25,000 \$37,082	\$0	\$0	\$0	\$0	\$220,000
Total		\$1,007,404 \$995,322	\$903,234 \$915,313	\$35,072	\$35,423	\$43,509	\$43,944	\$2,068,583

(1) TPF - This includes both FHWA PL-112 and FTA Section 5303 Funds. TxDOT will apply transportation development credits sufficient to provide for FHWA PL-112 and FTA Section 5303 programs. As the credits reflect neither cash nor man-hours, they are not reflected in the funding tables.

Combined Transportation Planning Funds \$1,178,772
 (FHWA PL-112: \$886,450; FTA 5303: \$292,322)
 based on FY15 & FY16 allocations.

Estimated Unexpended Carryover \$731,863
Total TPF \$1,910,635
Total TPF \$1,910,635

Item 12: Public Input

Public Input Received through December 31, 2018

Summary:

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 December 31, 2018 is included in meeting packet.

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



KTMPO Public Comments

FY19

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

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Acronyms, and Terms



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Commonly Used Transportation Related Acronyms and Terms

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

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