



# **Technical Advisory Committee Meeting**

**June 7, 2017  
9:30 a.m.**

# Agenda



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## Killeen-Temple Metropolitan Planning Organization Technical Advisory Committee (TAC)

Wednesday, June 7, 2017

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: Advisory Committees; Air Quality.
4. **Action Item:** Approve minutes from May 3, 2017 meeting.
5. **Action Item:** Recommendation to approve the following amendments:
  - a) 2040 Metropolitan Transportation Plan project listing to include transit projects, updated project costs, division of projects into phases;
  - b) FY17 – 20 Transportation Improvement Program to include projects recommended for FY18 – 20 funding;
  - c) FY16 – 17 Unified Planning Work Program to amend budget for FY17.
6. **Action Item:** Recommendation to approve Transit Performance Targets for State of Good Repair.
7. **Discussion Item:** Annual project call for MTP project listing.
8. **Discussion Item:** Public input received through May 31, 2017.
9. Member comments.
10. 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 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 4:**  
**Meeting Minutes**



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

Wednesday May 3, 2017  
9:30 AM

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

**Technical Advisory Committee Voting Members**

Erin Smith—City of Belton	Bryan Neaves—Bell County
Charlotte Hitchman for Andrea Gardner—City of Copperas Cove	Judge John Firth—Coryell County
Joseph Molis for David Mitchell—City of Harker Heights	Robert Ator for Carole Warlick—Hill Country Transit District (HCTD)
Ron Olson—City of Killeen	Michael Bolin—Texas Dept. of Transportation (TxDOT) Waco District
Brian Chandler—City of Temple	

**Non-Voting Members**

Keith Fruge for Brian Dosa—Fort Hood

**Additional Attendees**

Councilmember Dan Yancey—City of Copperas Cove	Janet Sheguit—BSP Engineers
David Olson—City of Killeen	Kelly Trietsch—City of Belton
Liz Bullock—TxDOT Waco District	Beth Correa—KTMPO
Kris Long—TxDOT Waco District	Kendra Coufal—KTMPO
Katelyn Kasberg—TxDOT Waco District	Jason Deckman—KTMPO
Darrell Burtner—HCTD	Cheryl Maxwell—KTMPO
Kara Escajeda—City of Nolanville	John Weber—KTMPO
Mayor Skip Blancett—Village of Salado	

**Meeting Minutes**

- 1. Call to Order:** Cheryl Maxwell 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:** KTMPO staff provided the following updates:

--Beth Correa provided an update on the Freight Advisory Committee. The Freight Advisory Committee will be having their first meeting on May 17, 2017 at 1:30 pm. Ms. Correa stated that she and Kendra Coufal went out to visit freight companies and received possibly eight new members for the committee.

--John Weber stated that the next Bicycle/Pedestrian Advisory Committee (BPAC) meeting will be held on May 9th at 9:00 am. Mr. Weber stated that KTMPO has received one application for the Fitness Friendly Business Program and TV Station KXXV will be doing a story on the Fitness Friendly Business Program.

--For air quality, April's ozone readings were 69 parts per billion (ppb) at the Temple station and 71 ppb at the Killeen station.

**4. Action Item:** Approve minutes from April 5, 2017 meeting.

**Brian Chandler made a motion to approve April 5, 2017 meeting minutes, seconded by Erin Smith; the motion passed unanimously.**

**5. Action Item:** Recommendation to approve final FY18-19 Unified Planning Work Program (UPWP).

Kendra Coufal stated that a 30 day public comment period was held from March 18 through April 17 with two public hearings on March 21 in Harker Heights and in Temple. KTMPO did not receive any public comments. Final approval of the work plan is anticipated at the May 17, 2017 TPPB meeting; the final UPWP is due to TxDOT on June 1, 2017.

**Joseph Molis made a motion to recommend approval of FY 18-19 UPWP, seconded by Robert Ator; the motion passed unanimously.**

**6. Action Item:** Selection and recommendation of projects for FY18-20 funding to include Categories 2— Metro and Urban Area Corridor Projects, 7—Metropolitan Mobility and Rehabilitation, & 9— Transportation Alternatives Program.

Cheryl Maxwell explained that KTMPO staff developed three funding scenarios for projects to be selected for funding through Category 2, 7 and 9. KTMPO is anticipating to receive an estimated \$73 million for CAT 2, 7, and 9 for FY18-20; \$71 million will be available for roadway and livability projects if TAC decides to reserve 10% of Cat 7 for transit projects. Funding scenarios were presented to TAC and the floor opened to discussion.

During discussion, TAC members considered Scenario 2 to be the preferred scenario with a few edits. For the 20% match regarding Category 7 on-system projects, TAC members decided that the 20% match will be provided by the State and any cost overruns will be left up to the local entities.

**The TAC moved to agenda item #7 to allow staff time to prepare revised scenario.**

**7. Action Item:** Recommendation to initiate public involvement process for following amendments:

a) 2040 Metropolitan Transportation Plan project listing to include transit projects, updated project costs, division of projects into phases;

b) FY17-20 Transportation Improvement Program to include projects recommended for FY18-20 funding;

c) FY 16-17 Unified Planning Work Program to amend budget for FY 17.

Cheryl Maxwell stated that the public involvement process for the 2040 MTP, FY 17-20 TIP and FY 16-17 UPWP includes a public hearing and a 15 day public comment period. The 2040 MTP and FY 17-20 TIP are needed to include changes discussed in agenda item #6. The FY16-17 UPWP is needed to include the updated demographic data for the 2040 Travel Demand Model refresh which KTMPO is contracting with Kimley-Horn. This task was not considered in the current budget for FY17, therefore an amendment to the budget is needed to add the \$60,000 under Task 4.1.

**Charlotte Hitchman made a motion to initiate the public involvement process for the 2040 MTP, FY 17-20 TIP and the FY 16-17 UPWP amendments, seconded by Erin Smith; the motion passed unanimously.**

**8. Discussion Item:** Public input received through April 30, 2017.

Kendra Coufal provided TAC with public input received through April 30, 2017.

**The TAC moved back to agenda item #6.**

Jason Deckman provided an updated list of projects that would be funded with the proposed scenario.

**Erin Smith made a motion as follows: Reserve 10% of Cat 7 funds for transit bus replacement projects; approval of selected projects for funding as shown in revised scenario; match requirement for Cat 7 on-system projects provided by the state, with any cost over-runs to be covered by the local entity; projects partially funded (Phase I of the Loop 121 project) are priority for future funds (See Attachment A). The motion was seconded by Charlotte Hitchman and passed unanimously.**

**9. Member Comments:**

--Brian Chandler asked about the annual project call.

-- Michael Bolin provided an update on the Connectivity Corridor Map and the Texas Trunk System. Mr. Bolin stated that SH 95 and Loop 363 have been added to the map, however, SH 36 is not on the system.

--Mayor Skip Blancett and Robert Ator thanked the TAC for funding their respective projects.

--Erin Smith introduced Kelly Trietsch as the new city planner for Belton.

**10. Adjourn:** The meeting adjourned at 11:00 a.m.

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

\_\_\_\_\_  
Cheryl Maxwell, KTMPO Director

## Attachment A—Scenario 2

MPO ID	Project	Funding years	Funding sources	Total Cost
W40-06	US 190	FY18-20	Cat 2	39,000,000
W40-04a	Loop 121	FY20	Cat 2	5,000,000 (partial funding)
W40-03	US 190 - Clear Creek Turnaround	FY19-20	Cat 2 / 7	4,000,000 (2.1m / 1.9m)
C30-03b	Business 190	FY18-20	Cat 2	10,000,000
H35-01	US 190 – FM 2410 Turnaround	FY20	Cat 7	5,000,000
K40-27	SH 195 – FM 3470 Turnaround	FY18	Cat 7	800,000
T40-12	31 <sup>st</sup> St. Sidewalks	FY18	Cat 7	500,000
T40-15	Adams Ave Bike/Ped Improvements	FY18-19	Cat 7	1,913,044
C40-05	FM 116 & FM 3046 Sidewalks	FY18	Cat 7	975,000
K40-21b	Heritage Oaks Hike & Bike Trail Segment 5	FY18-19	Cat 7	1,300,000
S40-04a	Salado Main St.	FY19-20	Cat 7	1,616,956
C40-04a	The Narrows	FY18-19	Cat 7 / 9	850,000 ( 360k / 490k )
C40-04c	The Narrows	FY19	Cat 7	170,000
B40-06	Belton North Trail Extension	FY18-19	Cat 9	473,510
C40-04b	The Narrows	FY19-20	Cat 9	680,000

Summary of changes receiving final approval by Technical Advisory Committee on May 3, 2017:

- C30-03b funding category was corrected to Cat 2.
- C40-04c funding category was corrected to Cat 7.
- Belton’s North Trail Extension, B40-06, was removed due to lack of project readiness.
- Funds from B40-06, \$473,510, were allocated towards Salado’s Main Street project, S40-04a, in addition to remaining unallocated funds of \$143,446, bringing Salado’s project funding to \$1,616,956.
- Copperas Cove volunteered to split their funding into \$360K of Cat 7 and \$490K of Cat 9 so that Salado’s increased funds would all be funded by Cat 7, to avoid the local match requirement of Cat 9 funding.



**Item 5a:  
Recommendation to approve  
the following Amendments**

**- 2040 MTP**

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## **Amendments to the Mobility 2040 Metropolitan Transportation Plan (MTP)**

### **Amendment Summary:**

The MTP is being amended to reflect projects selected for funding through Categories 2 (metropolitan corridors), 7 (metropolitan mobility), and 9 (transportation alternatives) for fiscal years FY18-20.

Anticipated funding:	Category 2 -	\$56,100,000
	Category 7-	\$16,150,000
	Category 9 -	<u>\$ 1,170,000</u>
	Total -	\$73,420,000

Proposed revisions to the MTP project listing are shown in the attached sheets. A summary of the changes is provided below:

- add the transit project (A40-15);
- break projects into phases: Belton Loop 121 (W40-04) and Salado Main Street (S40-04), unfunded phase goes to bottom of Unscored Projects;
- adjust project cost for
  - US190 at FM2410 to FM2410 in W Belton (W40-06);
  - US190 at FM2410 in W Belton to IH35 (W40-05);
  - Business US190 Phase 1 (C30-03b);
  - Loop 121 Phase 1 (W40-04); and
  - US190 Turnaround (W40-03).
- remove US190 1 mi west of FM2410 to FM3423 (W40-02);
- correct ranking of all projects due to changes made.

The public involvement process for an MTP amendment includes a 15 day public comment period and a public hearing. A public hearing was held on May 23, 2017 and the 15 day public comment period runs from May 20 - June 3, 2017. Staff will update the TAC on any comments received at the meeting on Wednesday.

### **MTP Background**

The MTP is the 25 year long range planning document for KTMPPO. 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.

**Tentative Schedule:**

- May 3, 2017— TAC recommendation to initiate public involvement process for MTP amendments;
- May 17, 2017— TPPB approval to initiate public involvement process for MTP amendments;
- May 20-June 3, 2017— Public Comment Period;
- May 23, 2017— Public Hearing, Central Texas Council of Governments (5:00pm), 2180 N. Main Street, Belton, Texas 76513;
- **June 7, 2017— TAC recommendation to approve MTP amendments;**
- June 21, 2017— TPPB approval of MTP amendments.

**Action Needed:** Recommendation to approve proposed amendments.

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

ROADWAY PROJECTS

KTAPD ID	Project Name	Full Extents	Description	Project Score	Project Ranking	Funding Order	Estimated Cost	CMP Network	Flagged <sup>4</sup>	Funding Sources <sup>3</sup>	Funding
W40-06 <sup>1</sup>	US 190	FM 2410 (Knights Way) to FM 2410 in W Belton	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	87.45	1	1	\$32,154,000— \$39,000,000	Yes	H	2	Short Range Funding: \$225, 721,674 <sup>5</sup>
W40-09	US-190	1-mi-W-of-FM-2410-to-FM-2423-Indian-Trail	Widen from 4 to 6 lanes with bridge improvements	86.01	2	2	\$9,000,000	Yes	=		
W40-05 <sup>1</sup>	US 190	FM 2410 in W Belton to IH 35	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	83.79	2	2	\$46,800,000- \$35,000,000	Yes	EJ		
C30-03b	Business US 190 Phase I	Ave D to Constitution Dr	Change the center turn to a raised center turn and construct one travel lane in each direction to 6' sidewalk, 5' bicycle lane and 1.5' curb and gutter	81.00	3	3	\$4,400,000- \$10,000,000	Yes	EJ	2	
W40-09a <sup>1</sup>	Loop 121 Phase 1	FM 439 to IH 35	Widen from 2 to 4 lane divided roadway with bike/ped improvements	56.45	13	4	\$65,000,000- \$27,000,000	Yes	EJ, H, P	Partially funded using \$5,000,000 of Category 2	
W40-03 <sup>1</sup>	US 190 Turnaround	At SH 201 (Clear Creek Rd)	Roadway reconfiguration to improve turning movements	42.11	41	5	\$4,400,000- \$4,000,000	No	EJ	Category 2 (\$2,100,000) Category 7 (\$1,900,000)	
K40-27 <sup>1</sup>	SH 195	At FM 3470	Construct turn-arounds	42.68	40	6	\$800,000	Yes	EJ	7	
H35-01	US 190 at FM 2410	East Central TX. Eppy W to East Central TX. Eppy East	Phase 2, West to East Connector: Turnaround	67.11	5	7	\$5,000,000	Yes	—	7	
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	EJ, L, H,		
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	EJ, H		
W35-05	US 190	At SH 195	Upgrade interchange	63.34	7	10	\$52,450,000	Yes	EJ		
H30-05	Warriors Path	FM 2410 (Knights Way) to Old Nolanville Rd	Widen from 2 to 4 lane roadway with curb & gutter, medians and access controls	59.77	9	11	\$4,969,990	No	EJ, H		
H30-01	Business 190/Veterans Memorial Blvd	Ray Reynolds Dr to US 190	Redesign roadway profile, install curb & gutter, access management/driveway 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	EJ, 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	EJ, H, P		
T40-07	Outer Loop/Old Waco Rd	Parlange-Cramer south of FM 2305 and Walmart) to S of	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	5 Florence Rd to Jasper Dr	Construct 8 lane overpass with pedestrian improvements with turnarounds	55.44	15	16	\$34,628,150	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	EJ, 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	EJ, 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 JUP RR	52.87	20	22	\$12,588,000	No	EJ, H		
W35-07	NW Loop 363	Lustus HCC/Inley 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	At Business 190	Construct grade separation over Business 190 and BNSF RR	52.01	22	24	\$20,000,000	Yes	EJ		
K40-11	WS Young	Mall Dr to AJ Hall Blvd	Add turn lane and relocate traffic signal at Mall 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 JUK 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, and bike/ped 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 Dunn's Canyon Rd	Construct protected turn lane with 10' wide hike and bike trail	50.11	28	30	\$2,080,000	No	H, P		

\*With removal of W40-02 from list, all projects move up one spot in ranking and funding order. Updated ranking is reflected in the table

Unfunded List

Item ID	Location	Description	Estimate	Year	Priority	Notes	Cost	Year	Priority
T35-3a	1st Street	SE Loop 363 to Ave M	49.88	29	31	Widen from 4 lane undivided to 4 lane divided roadway with curb and gutter, bike and bike trails and will incorporate multimodal design	\$8,500,000		EJ
W35-03	SH 195	FM 3470 to Chaparral Rd	48.45	31	33	Reconstruct to 4 lane freeway with frontage roads	\$39,862,000		EJ, H
C35-02a	FM 116	S Main (through existing parking facility) to Ave B	48.13	32	34	Create an underpass of the existing BNSF railroad	\$12,550,000		—
K40-17	Trimmer Rd	Stagcoach Rd to Chaparral Rd	47.47	33	35	Widen from 2 to 4 lane roadway with center turn lane, curb and gutter	\$6,873,825		P
W30-13	FM 2484	FM 1670 to IH 35	46.88	34	36	Widen from 2 to 4 lane divided roadway	\$3,147,000		ARZ
W35-12	US 190	2 mi S of FM 436 to return County Line	45.56	35	37	Widen to 4 lane divided rural highway	\$62,800,000		H
T15-02	Kegley Rd	1/2 S of FM 2305 to 460' S of Wildflower Lane	45.33	36	38	Widen and add middle turn lane, curb and gutter, includes 12' shared use path and will incorporate multimodal design	\$3,800,000		H
W30-21	NW Loop 363	At FM 2305 and S Loop 363	45.22	37	39	Reconstruct interchange at FM 2305 and LP 363	\$18,000,000		—
H30-03	FM 3219	Blvd/Business 190 to Pallasan	44.56	38	40	Widen from 2 to 4 lane divided roadway	\$8,000,000		L, H
K25-05	Old Florence Rd	Elme Rd to Jasper Dr	42.77	39	41	Widen from 2 to 5 lane section with curb and gutter	\$6,292,450		EJ
B30-03	Beltan Outer Loop East	IH 35 at Shanklin Rd to FM 436	42.00	42	42	Construct 2 lane roadway with shoulder	\$12,060,000		EJ
M40-07	Warriors Path	Old Nolanville Rd to US 190	41.32	43	43	Extend Warriors Path to US 190	\$5,703,255		H
M40-06	Nolanville Railroad Crossing Safety	Pleasant Hill Cemetery Rd to Jack Rabbit Road (4 RR Crossings)	41.22	44	44	Upgrade crossings for better connections and safety	\$500,000		—
T35-09	Outer Loop	IH 35 to Central Point Pkwy	39.68	45	45	Widen from 2 to 4 lanes with divided roadway and curb and gutter with sidewalks and dedicated bike lanes to incorporate multimodal design	\$25,000,000		H
B30-02	Shanklin Road West, Outer Loop	IH 35 to east RR of Three Creeks	39.55	46	46	Construct 4 lane roadway	\$10,820,000		EJ
W35-02	SH 195	At FM 3470 and SH 195	39.44	47	47	Upgrade interchange	\$52,450,000		EJ
W25-02	SH 36	SH 317 to Lake Belton Rd	38.88	48	48	Widen from 2 to 4 lane divided roadway	\$38,715,000		H, P
B40-07	Cornell Street	US 190 to Loop 121	38.78	49	49	Widen from 2 to 4 lanes with center turn lane and 5' wide sidewalks	\$5,244,000		EJ
K30-02	Rosewood Dr Extension	Serpentine Dr to Chaparral Rd	38.78	50	50	Construction of a 4-lane roadway with a center median and off-system bridge	\$300,000		EJ
T40-09	Outer Loop/Old Waco Rd	S of Jasper to Floodplain	38.33	51	51	Widen from 2 to 4 lanes with turn lanes with narrower roadway and curb and gutter, includes bike & bike trail and bike dedicated lanes to incorporate multimodal	\$9,700,000		—
K40-03	FM 3470 (Star Schleuter Loop)	SH 201 to US 190 Bypass	37.79	52	52	Construct 4 lane FM Road with continuous turn lane and shoulders	\$15,000,000		EJ, H
M40-03	Old Nolanville Rd	Bridge on Old Nolanville Rd to US 190	37.44	53	53	Improve roadway surface, widen existing lanes and stripe along shoulder	\$793,770		—
B30-01	George Wilson Extension	FM 93 at George Wilson Rd to FM 439	35.78	54	54	Construct 2 lane roadway with shoulder	\$1,386,984		EJ
B40-01	Heep Drive	Washington Dr to IH 35 Frontage Rd	35.45	55	55	Construct 2 lane roadway with center turn lane	\$2,615,000		EJ
B40-09	West Avenue D	Loop 121 to Wheat Rd	33.67	56	56	Construct 2 lane roadway with sidewalks and bike lanes	\$4,918,500		EJ
T40-10	Outer Loop	Floodplain to IH 35	32.77	57	57	Extend divided roadway with curb and gutter, includes sidewalks and trail and incorporate multimodal design	\$13,000,000		—
S40-03	West Village Rd	Thomas Arnold Rd to IH 35	32.33	58	58	Widening roadway, add turn lanes and bike/ped facilities	\$300,500		H, ARZ, ES
T40-04	Hogan Road	SH 317 to S Pea Ridge	31.90	59	59	Widen from 2 lane to 3 lane with curb and gutter, includes sidewalks and trail and will incorporate multimodal design	\$3,500,000		—
K40-25	Bunny Trail Signals	At Clear Creek Rd	31.90	60	60	Install traffic signal	\$190,000		EJ
W35-09	FM 93	SH 95 to SH 36	31.76	61	61	Widen from 2 to 4 lanes, provide for a raised median	\$5,245,000		EJ, H
B40-02	Southwest Parkway	Loop 121 to W Ave O	30.56	62	62	Construct 2 lane roadway with center turn lane	\$4,200,500		EJ
D40-01	North Waco Road (Old B1) Roadway North	West Main St to West Big Elm	23.93	63	63	Widen from 2 to 4 lanes, with curb and gutter, bridge improvements	\$4,600,000		—
T40-05	Westfield Blvd	Prairie View Rd to Airport Rd / SH 36	28.67	64	64	Extend 4 lane divided roadway with curb and gutter, includes sidewalk and bike path to incorporate multimodal transportation options	\$3,100,000		—
D40-03	Old B1 Roadway South	FM 1237 to Loves Overpass	28.45	65	65	Widen from 2 to 4 lanes with bicycle lanes and curb and gutter	\$3,500,000		H

KT/MPO ID	Project Name	Full Extents	Description	Project Score	Project Ranking	Funding Order	Estimated Cost	CAP Network	Flagged <sup>3</sup>	Funding Sources <sup>2</sup>	Funding
C25-02	FM 1113	Signal Light at FM 1113/Ave B to Summers Rd	Widens from 2 to 4 lanes with ADA-Compliant sidewalks	UNS	N/A	N/A	\$17,149,700	No	H, P		
C25-03	Big Divide Loop	US 190 to FM 1113	Construct raised median, curb and gutter with enclosed storm drainage	UNS	N/A	N/A	\$10,200,000	No	H		
C25-04	North Side Loop	FM 1113 to FM 116	Widen from 2 to 4 lanes with raised median curb and gutter with enclosed storm drainage	UNS	N/A	N/A	\$8,280,000	No	—		
C40-01	FM 116 South	Coppers 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	UNS	N/A	N/A	\$24,860,000	No	E, I, H, ARZ		
H40-03	Chaparral Road	FM 2481 to Killen City Limits on Chaparral Rd east of FM 2410	Widen and straighten roadway and construct hike/bike trail	UNS	N/A	N/A	N/A	No	E, H		
H40-04	E FM 2410	Community Park to US 190 to FM 439	Expand roadway to include curb & gutter, access management control, turning lanes, drainage improvements, and context sensitive solutions	UNS	N/A	N/A	N/A	Yes	E, I, H		
N40-08	Warrior's Path Extension Phase II	FM 439 at Lonesome Oak Dr	Construct 2 lane roadway	UNS	N/A	N/A	\$8,000,000	No	—		
N40-10	FM 439 Safety Improvements	Killen Airport Entrance	Add turning lane, shoulder expansion and possible traffic signals/signs	UNS	N/A	N/A	N/A	No	—		
W30-06	SH 201 @ Killen Airport	Killen Airport Entrance	Construct interchange	UNS	N/A	N/A	N/A	No	—		
W35-04 <sup>2</sup>	FM 439	Roy Reynolds Dr to FM 3219	Widen from 4 to 6 lanes	UNS	N/A	N/A	\$7,340,000	No	E, H		
H40-06b <sup>1</sup>	Loop 121 Phase 2	IH 35 to FM 436	Widen from 2 to 4 lane divided roadway with bike/ped improvements	UNS	N/A	N/A	\$6,000,000	Yes	E, I, H, P		

Projects received funds through TxDOT Project Development.

<sup>1</sup>W35-04 original project score was 68.77

Funding includes Categories 2, 4, 7, 11 E others as appropriate.

<sup>2</sup>Flagged

Symbol

EJ Environmental Justice Community of Concern

L Landfill

H Geometries, Archaeological Sites, Historical Markers

ARZ Aquifer Recharge Zone

ES Endangered Species

P Park

## TRANSPORTATION CHOICES AND LIVABILITY PROJECTS

KT/MPO ID	Project Name	Full Extents	Description	Project Score	Project Ranking	Funding Order	Estimated Cost	CAP Network	Flagged <sup>3</sup>	Funding Sources <sup>2</sup>	Funding
T40-12	31st St Sidewalk (FM1741)	Mariawood Rd to Canyon Creek Rd	Construct 6 ft wide sidewalks on both sides	94.35	1	1	\$500,000	Yes	—	7	Short Range Funding: \$5,929,889 <sup>5</sup>
T40-15	Adams Ave/Central Ave. Bicycle/Pedestrian Improvements	IH 35 to MLK Jr Blvd	Construct sidewalk and bike path along Central and Adams Ave	92.00	2	2	\$1,915,044	Yes	E, H	7	
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	—	—	
C40-05	FM 116 B-3046 Sidewalks	Business 190 to South Park on FM 3046	Construct ADA compliant sidewalks, curb ramps, crosswalks, and bike lanes	77.88	5	4	\$975,000	No	H, P	7	
H40-21b	Heritage Oak Hike and Bike Trail, Segment 5	Chaparral Rd to USCE Property	Construct shared use path for pedestrian and bicyclists	75.99	6	5	\$1,300,000	No	E, ARZ	7	
C40-04c	The Meadows (Charles Tillman Way) Dr	Constitution Dr to Kelli Dr	Construct sidewalk	70.32	11	6	\$170,000	No	E, I, H	7	
S40-04a <sup>1</sup>	Main St Sidewalks Phase I	Salado Plaza Dr to College Hill Dr	Main St. Improvements to include lighting, sidewalks, & striping for bicycles	81.01	3	7	\$1,616,956	No	H, ARZ, ES	7	
B40-06	Belton North Trail Extension	Confederate Park to Nolan Creek	Construct 10' hike/bike trail	73.33	7	8	\$473,510	No	E, I, P	—	
C40-04a	The Narrows (Constitution Drive)	Bowen Ave to S of MLK Dr	Construct sidewalk	72.78	8	9	\$850,000	No	E, I, H	Category 7 (\$340,000) Category 9 (\$490,000)	
C40-04b	The Narrows (IG III at Old Coppers Cove Rd)	Loop on Old Constitution Dr to Kelli Dr ending at Constitution Dr	Construct sidewalk	70.87	9	10	\$680,000	No	E, I, H	9	
T40-13	Georgetown RR Trail	S 301 St to Leon River	Construct 10 ft wide trail	70.68	10	11	\$2,000,000	No	E, I, H, P	—	
B40-05	Belton Hike and Bike Trail Extension South	Confederate Park to Griffis Field	Construct 10' hike/bike trail	69.80	12	12	\$617,971	No	E, I, P	—	
B40-12	Belton Southwest Trail Expansion	Confederate Park to Nolan Creek Pedestrian Bridge	Construct 10' hike/bike trail	69.78	13	13	\$3,257,480	No	E, I, H, P	—	
M40-04	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	—	
M40-05	Spur 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	—	—	

Unfunded List		Unscored Projects										
KTWPO ID	Project Name	Full Extents	Description	Project Score	Project Ranking	Funding Order	Estimated Cost	CMP Network	Flagged***	Funding Sources**	Funding	Short Range Funding
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	\$275,000	No	P			
T25-05	FM 2205 to Miller Spang Park	FM 2205 to Miller Spang 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			
N40-07	Pleasant Hill Rd	Lonsome 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 Nolanville 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	—			
N40-13	Wild Wood Trail	Lonsome 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 <sup>1</sup>	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	\$2,723,644	No	H, ARZ, ES			
TRANSIT PROJECTS												
KTWPO ID	Project Name	Full Extents	Description	Project Score	Project Ranking	Funding Order	Estimated Cost	CMP Network	Flagged***	Funding Sources**	Funding	Short Range Funding
A40-15	Fleet Replacement Project	Killeen UZA	Purchase of three fixed route buses to replace Killeen fixed route buses	UNS	N/A	N/A	\$1,285,000	N/A	N/A	7		

<sup>1</sup>Projects received funds through TxDOT Project Development.

<sup>2</sup>Funding includes Categories 2, 7, 9 and others as appropriate.

<sup>3</sup>Flagged

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



**KTMPO Project  
Submission Packet  
Cover Sheet**

**Project Name:**

**Lead Agency:**  
Hill Country Transit District

**\* Project Contact Name**  
Carole Warlick

**\* Phone Number**  
325-372-4677

**Address, City, State & Zip Code**  
  
P. O. Box 217, San Saba, TX 76877

**Contact Email Address**  
cwarlick@takethehop.com

**Date**  
04/24/2017

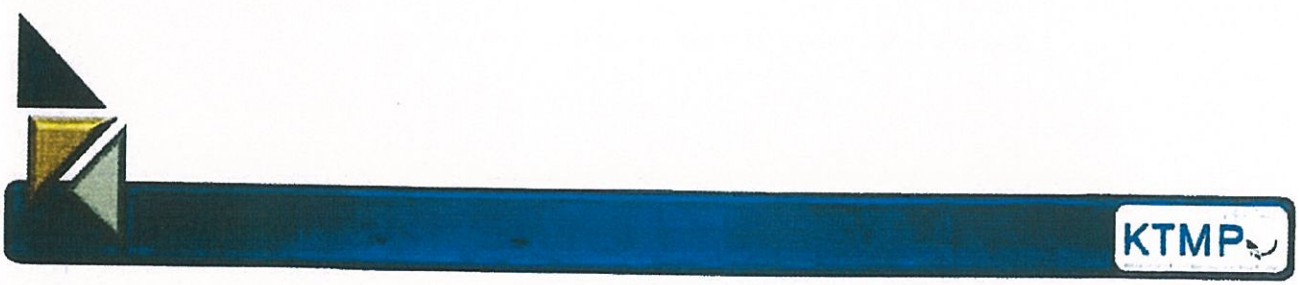
*\*Note: Name and phone number of person who can answer questions as projects are being scored.*

**Required attachments:**

- Exhibit A - Project Details
- Exhibit B - Narrative - Subjective Criteria
- Exhibit E - Local Support (Documents such as Letters, Resolutions, News articles, ROW agreements, etc.)

**Optional attachments:**

- Artist's Sketches / Conceptual drawings
- Cross-sections
- Photographs of Project
- Other Narrative Statements (as needed)







**Exhibit A  
Project Details**

**Project Name:**  **MPO ID:**   
(current MPO ID or 'NEW')

**Transit Project - Description:**

**Purchase of three fixed route buses to replace Killeen fixed route buses that have exceeded their useful service lives.**

**HCTD Priority:**   
(Preferred order, i.e. 1 of 5, 2 of 7)

**Project Readiness - Describe any applicable issues with timing, staging, funding, or coordination with other projects (N/A if none)**  
HCTD is able to issue a purchase order for this procurement upon receipt of notification of fund availability.

**Project Phase:**

- Operating (Oper. Activities):
- Operations (Maintenance):
- Purchasing (Rolling Stock)
- Purchasing (Other):
- Planning

Estimated Cost:   
Apportionment Year:

**Project Listed in Other Plans:**

**Purpose and Needs Statement (Continue on Exhibit B - Additional Narrative - as needed)**

See attached narrative.

**KTMPO Goals - Describe how this project address the overall vision and long-range goals set out in Mobility 2040:**

Hill Country Transit District (HCTD), dba The HOP, is the regional public transportation provider for the Killeen-Temple region. The proposed fleet replacement plan enables HCTD to continue the provision of public transportation services which help meet the MTP 2040 goals of:

- \*Improving mobility and reducing congestion
- \*Improving access to jobs, homes, goods, and services
- \*Improving safety, reliability, and efficiency in the transportation system
- \*Promotion of healthier environment
- \*Encouraging regional coordination in decision making





*Exhibit B*  
*Narrative Descriptions*  
*(Continued)*

**Project Name:**

**Additional Narrative as needed:**

See attached narrative.



**KTMPD Project Submission Attachment  
Hill Country Transit District, dba The HOP  
Fleet Replacement Project  
Exhibit A and Exhibit B  
Purpose and Needs Statement  
Project Details and Narrative  
04/24/2017**

Hill Country Transit District (HCTD), dba The HOP, operates fixed route and complementary ADA paratransit service in the Killeen UZA and the Temple UZA. HCTD uses a fleet of buses to provide this service and those buses are on a replacement schedule based on their service life in years and miles.

**HCTD Urban Service**

**Killeen Division Fixed Route Service (K-FRS) and Temple Division Fixed Route Service (T-FRS):** HCTD provides fixed route public transit service within the Killeen urbanized area and the Temple urbanized area. The service operates along predetermined routes identified by specific bus stops. The service is open to the general public during regular service hours, operating approximately 12-13 hours each weekday, with limited Saturday service.

**Killeen Division Special Transit Service (K-STC) and Temple Division Special Transit Service (T-STC):** HCTD provides door-to-door service for ADA complementary paratransit passengers within the Killeen urbanized area and the Temple urbanized area. Shared rides include passenger trips for authorized Medicaid trips, as well as a variety of other purposes, including nutrition trips for Area Agency on Aging clients, and indigent health medical trips authorized through Baylor Scott & White.

Based on SFY16 ridership data, the projected trip and miles information for SFY18 is as follows:

**Killeen  
550,000 One-way trips  
1,360,000 Revenue miles**

**Temple  
200,000 One-way trips  
685,000 Revenue miles**

**HCTD Urban Fleet**

HCTD currently uses a fleet of 86 buses to provide service in the Killeen and Temple urbanized areas. Most K-FRS and T-FRS buses have a prescribed service life of 12 years/500,000 miles, but some of the oldest buses have a shorter service life of 10 Years/350,000 miles. Most K-STC buses and T-STC buses have a prescribed service life of 4 years/150,000 miles or 5 years/200,000 miles.

As with most public transit systems, HCTD must operate buses beyond their service life simply due to a lack of available financial resources for replacement as scheduled. HCTD has determined through years

of experience that these vehicles can typically operate satisfactorily through their prescribed service life and beyond. At this time, over 50% of the HCTD urban fleet has exceeded its prescribed service life in years and/or miles. There are no plans for service expansion and therefore no plans to grow the fleet, but only to replace buses. HCTD has a bus replacement schedule planned in accordance with the established standards prescribing service life for each bus category.

In addition to the number of buses that are required for service, HCTD must maintain sufficient spare buses in its fleet to enable it to continue service when buses are scheduled for maintenance or repairs or when buses must be removed from service due to unforeseen mechanical issues.

Through a comprehensive preventive maintenance program and professional fleet maintenance department, most HCTD buses are satisfactorily operated beyond their prescribed service lives. The fleet maintenance program focuses on components related to safety (brakes, suspension), comfort (air conditioning), efficiency (engine transmission), and appearance (paint, body). However, with so many buses beyond their scheduled replacement period, the maintenance department faces significant day-to-day challenges in its efforts to keep enough buses in operation to provide full service.

Hill Country Transit District  
Cost Estimates for update to  
KTMPO Mobility 2040 MTP  
4/24/2017

Year	Cost Projection
2018	\$13,267,000
2019	\$13,522,000
2020	\$14,997,000
2021	\$14,048,000
2022	\$14,319,000
2023	\$15,810,000
2024	\$14,877,000
2025	\$15,164,000
2026	\$16,672,000
2027	\$15,757,000
2028	\$16,061,000
2029	\$17,588,000
2030	\$16,690,000
2031	\$17,014,000
2032	\$18,559,000
2033	\$17,681,000
2034	\$18,025,000
2035	\$19,590,000
2036	\$18,733,000
2037	\$19,097,000
2038	\$20,684,000
2039	\$19,849,000
2040	\$20,235,000
<b>Total</b>	<b>\$388,239,000</b>



# City of Belton

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– *Founded 1850* –

May 8, 2017

Carole Warlick, General Manager  
Hill Country Transit District – The HOP  
P. O. Box 217  
San Saba, Texas 76877

**Re: CATEGORY 7 FUNDING – Transit Fleet Replacement**

Dear Ms. Warlick:

The Killeen-Temple Metropolitan Planning Organization (KTMPO) Transportation Planning and Policy Board has taken action in support of providing Category 7 (Federal Surface Transportation Program Metropolitan Mobility) for project selection with 90% of the funding dedicated for road projects and 10% for transit projects. The regional public transit system is a vital link for many citizens for access related to jobs, recreation, education, and medical treatment. Through the efforts of Hill Country Transit District (HCTD), bus stops and passenger shelters are visible and accessible for our citizens, and are an important part of their mobility needs.

I understand HCTD wishes to use the 10% Category & funding for the purchase of new fleet buses to replace buses that have served well for many years, but which have exceeded their scheduled life in terms of miles, years, or both. I support HCTD's plans to nominate a project involving the purchase of new fleet buses for operation in the regional transit system. Maintaining a modern bus fleet is essential to the provision of transit service.

As our area continues to grow, public transportation is increasingly important in the communities' combined efforts to address traffic congestion and vehicle emissions. HCTD's proposal will benefit The HOP and ultimately the transit services within each community it serves. This letter is offered in support of your nomination for the 10% Category 7 funding for the purchase of fleet replacement.

Sincerely,

Sam Listi  
City Manager



The City Of Harker Heights  
305 Miller's Crossing  
Harker Heights, Texas 76548  
Phone 254/953-5600  
Fax 254/953-5614

May 9, 2017

Carole Warlick, General Manager  
Hill Country Transit District – The HOP  
PO Box 217  
San Saba, TX 76877

Mayor  
Rob Robinson

Mayor Protem  
Jody Nicholas

City Council  
Hal Schiffman  
Steve Carpenter  
Spencer H. Smith  
John Reider

**Re: CATEGORY 7 FUNDING – Transit Fleet Replacement**

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As our area continues to grow, public transportation is increasingly important in the communities' combined efforts to address traffic congestion and vehicle emissions. HCTD's proposal will benefit The HOP and ultimately the transit services within each community it serves. This letter is offered in support of your nomination for the 10% Category 7 funding for the purchase of fleet replacement.

Sincerely,

A handwritten signature in blue ink that reads "David Mitchell". The signature is fluid and cursive, written over the printed name.

David Mitchell  
City Manager



May 8, 2017

Carole Warlick, General Manager  
Hill Country Transit District – The HOP  
PO Box 217  
San Saba, TX 76877

**RE: CATEGORY 7 FUNDING – Transit Fleet Replacement**

The Killeen-Temple Metropolitan Planning Organization (KTMPO) Transportation Planning and Policy Board has taken action in support of providing Category 7 (Federal Surface Transportation Program Metropolitan Mobility) for project selection with 90% of the funding dedicated for road projects and 10% for transit projects. The regional public transit system is a vital link for many citizens for access related to jobs, recreation, education, and medical treatment. Through the efforts of Hill Country Transit District (HCTD), bus stops and passenger shelters are visible and accessible for our citizens, and are an important part of their mobility needs.

I understand HCTD wishes to use the 10% Category & funding for the purchase of new fleet buses to replace buses that have served well for many years, but which have exceeded their scheduled life in terms of miles, years, or both. I support HCTD's plans to nominate a project involving the purchase of new fleet buses for operation in the regional transit system. Maintaining a modern bus fleet is essential to the provision of transit service.

As our area continues to grow, public transportation is increasingly important in the communities' combined efforts to address traffic congestion and vehicle emissions. HCTD's proposal will benefit The HOP and ultimately the transit services within each community it serves. This letter is offered in support of your nomination for the 10% Category 7 funding for the purchase of fleet replacement.

Sincerely,

Brynn Myers  
Acting City Manager



**Item 5b:  
Recommendation to approve  
the following Amendments**

**- FY17-20 TIP**

## Amendment to the FY17-20 Transportation Improvement Program (TIP)

### Amendment Summary:

The TIP is being amended to include projects selected for funding through Categories 2 (metropolitan corridors), 7 (metropolitan mobility), and 9 (transportation alternatives) for fiscal years FY18-20. These projects are listed below:

MPO ID	Project	Funding years	Funding sources	Total Cost
W40-06	US 190	FY18-20	Cat 2	39,000,000
W40-04a	Loop 121	FY20	Cat 2	5,000,000 (partial funding)
W40-03	US 190 - Clear Creek Turnaround	FY19-20	Cat 2 / 7	4,000,000 (2.1m /1.9m)
C30-03b	Business 190	FY18-20	Cat 2	10,000,000
H35-01	US 190 – FM 2410 Turnaround	FY20	Cat 7	5,000,000
K40-27	SH 195 – FM 3470 Turnaround	FY18	Cat 7	800,000
T40-12	31 <sup>st</sup> St. Sidewalks	FY18	Cat 7	500,000
T40-15	Adams Ave Bike/Ped Improvements	FY18-19	Cat 7	1,913,044
C40-05	FM 116 & FM 3046 Sidewalks	FY18	Cat 7	975,000
K40-21b	Heritage Oaks Hike & Bike Trail Segment 5	FY18-19	Cat 7	1,300,000
S40-04a	Salado Main St.	FY19-20	Cat 7	1,616,956
C40-04a	The Narrows	FY18-19	Cat 7 / 9	850,000 (360k / 490k)
C40-04c	The Narrows	FY19	Cat 7	170,000
C40-04b	The Narrows	FY19-20	Cat 9	680,000

(Projects in blue are roadway projects; those in green are livability projects)

The public involvement process for a TIP amendment includes a 15 day public comment period and a public hearing. A public hearing was held on May 23, 2017 and the 15 day public comment period runs from May 20 - June 3, 2017. Staff will update the TAC on any comments received at the meeting on Wednesday.

### 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 FY17 through FY20. 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.

**Tentative Schedule:**

- May 3, 2017— TAC recommendation to initiate public involvement process for TIP amendment;
- May 17, 2017— TPPB approval to initiate public involvement process for TIP amendment;
- May 20-June 3, 2017— Public Comment Period;
- May 23, 2017— Public Hearing, Central Texas Council of Governments (5:00pm), 2180 N. Main Street, Belton, Texas 76513;
- **June 7, 2017— TAC recommendation to approve TIP amendment;**
- June 21, 2017— TPPB approval of TIP amendment.

**Action Needed:** Recommendation to approve proposed amendments.

# HIGHWAY PROJECT LISTING

## KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2017 - 2020 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2018

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST	
WACO	Bell	0909-36-162	VA	2018	T	Transit	Transit	\$1,615,000	
LIMITS FROM:	Hill Country Transit								
LIMITS TO:	Killeen UZA								
DESCRIPTION:	Purchase buses								
REVISION DATE:	Aug-17								
MPO ID:	A40-15								
FUNDING CATEGORY:	7								
REMARKS:	Based upon allocating 10% of overall FY 18, 19, and 20 STP-MM projected amounts to transit.								
TOTAL PROJECT COST INFORMATION:		COST OF APPROVED PHASES:		AUTHORIZED FUNDING BY CATEGORY					
PRELIMINARY ENGINEERING:	\$0	\$0	\$0	CATEGORY: 7	FEDERAL: \$1,292,000	STATE:	LOCAL: \$323,000	TOTAL: \$1,615,000	
RIGHT OF WAY:	\$0	\$0	\$0	TOTAL	\$1,292,000	\$0	\$0	\$0	
CONSTRUCTION:	\$1,615,000	\$1,615,000	\$1,615,000						
CONSTRUCTION ENGINEERING:	\$0	\$0	\$0						
CONTINGENCIES:	\$0	\$0	\$0						
INDIRECTS:	\$0	\$0	\$0						
BOND FINANCING:	\$0	\$0	\$0						
TOTAL PROJECT COST (YOE):	\$1,615,000		\$1,615,000						

# HIGHWAY PROJECT LISTING

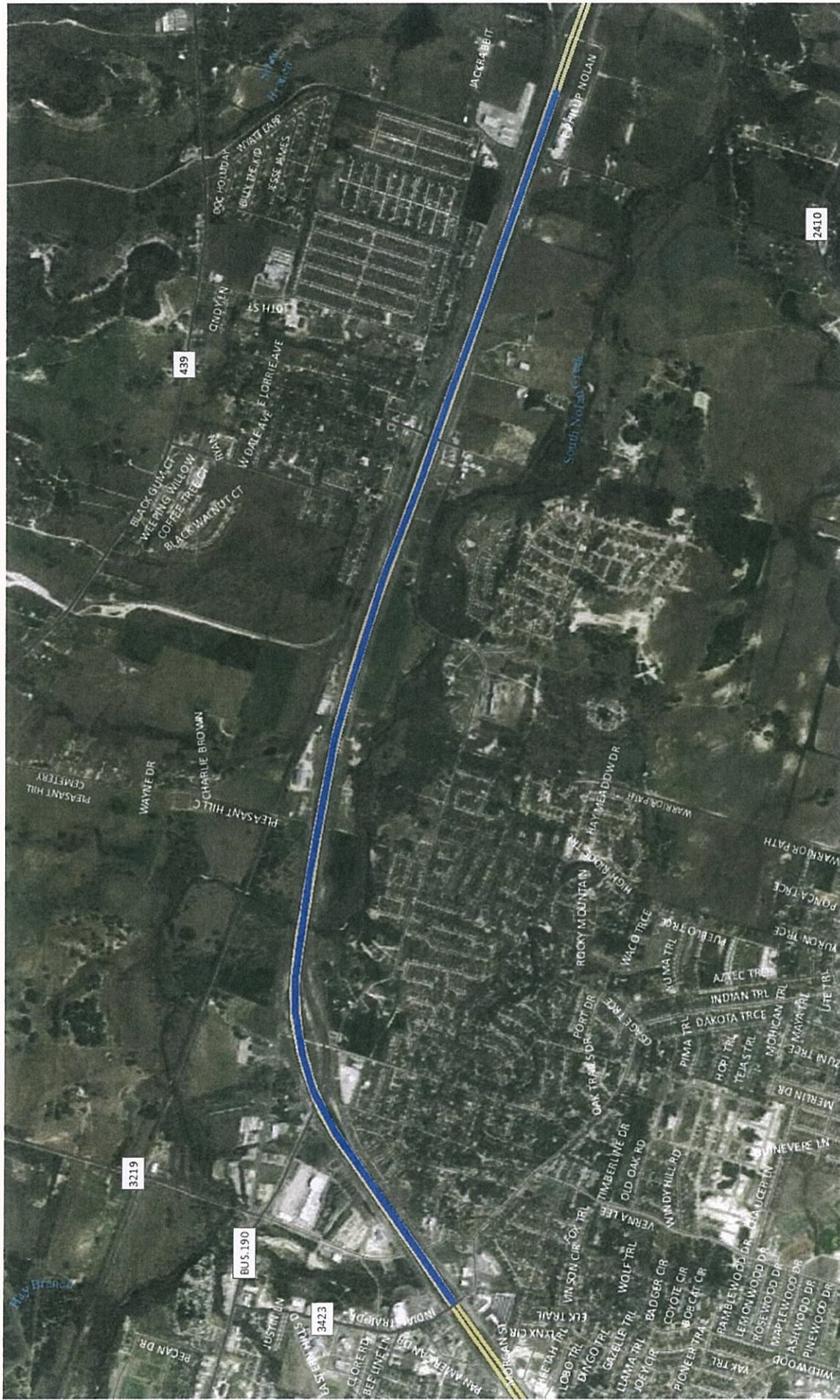
## KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2017-2020 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2019

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST	
WACO	Bell	0231-03-145	US 190	2019	C		Waco	\$24,180,000	
LIMITS FROM: FM 3423 (Indian Trail) LIMITS TO: 0.25 MI W of Paddy Hamilton DESCRIPTION: Widen main lanes from 4 to 6 lane divided freeway and ramp alignments REVISION DATE: Aug-17 MPO ID: W40-06 FUNDING CATEGORY: 2M PROJECT HISTORY:									
REMARKS: August 2017 KTMPPO selected project									
<b>TOTAL PROJECT COST INFORMATION:</b> PRELIMINARY ENGINEERING: \$1,282,000 RIGHT OF WAY: \$24,180,000 CONSTRUCTION ENGINEERING: \$1,120,000 CONTINGENCIES: \$47,000 INDIRECTS: BOND FINANCING:			<b>COST OF APPROVED PHASES:</b> \$24,180,000			<b>AUTHORIZED FUNDING BY CATEGORY</b> CATEGORY: FEDERAL: \$19,344,000 STATE: \$4,836,000 LOCAL: \$0 TOTAL: \$19,344,000    \$4,836,000    \$0			<b>TOTAL:</b> \$24,180,000
<b>TOTAL PROJECT COST (YOE):</b> \$26,629,000									

# W40-06

Work Type:  
Additional lanes



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

- Roads**
- Interstate
  - Farm-to-Market
  - US Highway
  - State Highway
- Other Features**
- Planning Boundary (MAB)
  - County Road
  - Streets
  - Fort Hood
  - Lake
  - Parks

**Project Name:** US 190  
**Description:** Widen main lanes from 4 to 6 lane divided freeway and ramp alignments  
**New Extents:** FM 2410 (Knights Way) to FM 2410 in W Belton

ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL

# HIGHWAY PROJECT LISTING

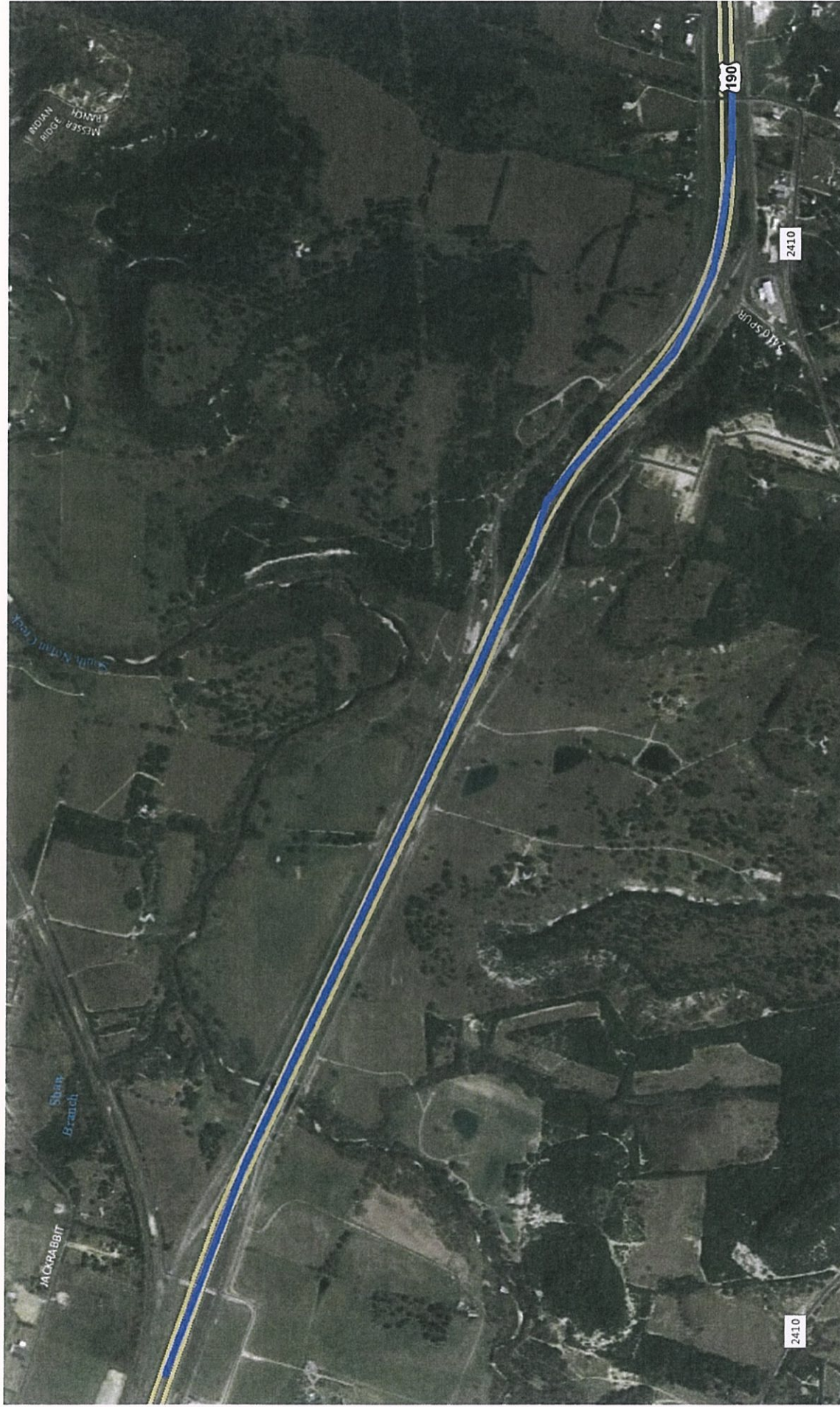
## KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2017- 2020 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2019

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
WACO	Bell	0231-04-061	US 190	2019	C		Waco	\$14,820,000
LIMITS FROM:	0.25 MI W of Paddy Hamilton							
LIMITS TO:	FM 2410 in W Belton							
DESCRIPTION:	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments							
REVISION DATE:	Aug-17							
MPO ID:	W40-06							
FUNDING CATEGORY:	2M							
PROJECT HISTORY:								
REMARKS:	August 2017 KTMO selected project							
<b>TOTAL PROJECT COST INFORMATION:</b>			<b>COST OF APPROVED PHASES:</b>			<b>AUTHORIZED FUNDING BY CATEGORY</b>		
PRELIMINARY ENGINEERING:	\$785,000					FEDERAL:	\$11,856,000	
RIGHT OF WAY:	\$14,820,000					STATE:	\$2,964,000	
CONSTRUCTION:	\$689,000					LOCAL:	\$0	
CONSTRUCTION ENGINEERING:	\$29,000					TOTAL:	\$14,820,000	
CONTINGENCIES:						CATEGORY:	2M	
INDIRECTS:						TOTAL:	\$11,856,000	\$0
BOND FINANCING:								\$0
<b>TOTAL PROJECT COST (YOE):</b>	<b>\$16,323,000</b>							

# W40-06

Work Type:  
Additional lanes



- 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 (WAB)
  - Cities

- Fort Hood
- Lake
- Parks

Project Name: US 190

Description: Widen main lanes from 4 to 6 lane divided freeway and ramp alignments  
New Extents: FM 2410 (Knights Way) to FM 2410 in W Belton

ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL



# HIGHWAY PROJECT LISTING

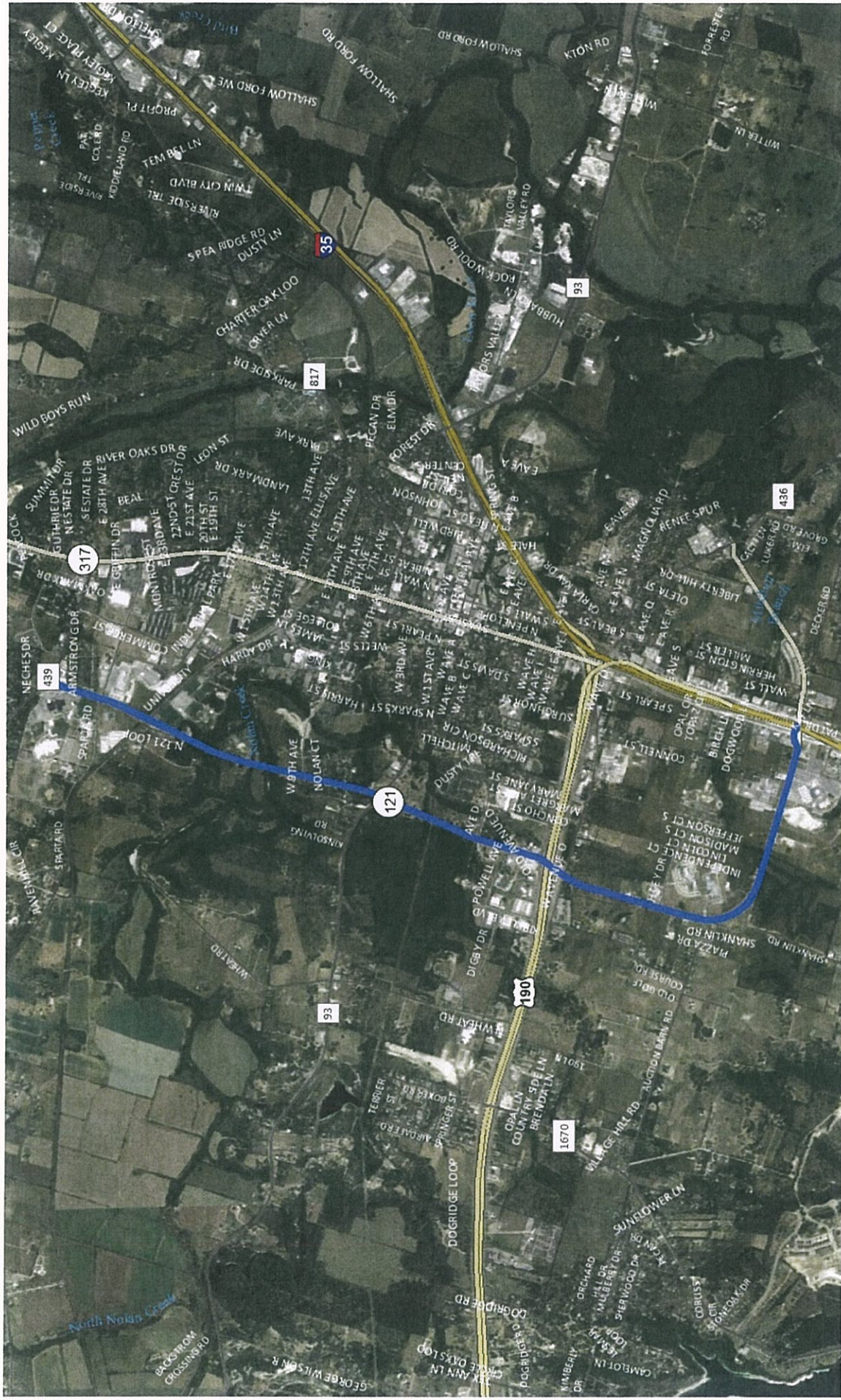
## KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2017 - 2020 TRANSPORTATION IMPROVEMENT PROGRAM

2021

							PROJECT	
DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	SPONSOR	YOE COST
WACO	Bell	2502-01-017	LP 121	2021	C	Belton	Waco	\$5,000,000
LIMITS FROM:	Lake Rd (FM 439)							
LIMITS TO:	IH 35							
DESCRIPTION:	Widen from two to four lane divided roadway with bike/ped improvements							
REVISION DATE:	Aug-17							
MPO ID:	W40-04a							
FUNDING CATEGORY:	2M							
REMARKS:	August 2017 KTMO selected project for <u>partially</u> funded construction project. KTMO Policy Board action 5/17/17 directed future funding be programmed to this project.							
PROJECT HISTORY:		Project programmed for \$5M FY 2020 Cat 2M						
<b>TOTAL PROJECT COST INFORMATION:</b>				<b>AUTHORIZED FUNDING BY CATEGORY</b>				
PRELIMINARY ENGINEERING:	\$1,500,000	COST OF APPROVED PHASES:		CATEGORY:	FEDERAL:	STATE:	LOCAL:	TOTAL:
RIGHT OF WAY:	\$27,000,000	\$5,000,000		2M	\$4,000,000	\$1,000,000	\$0	\$5,000,000
CONSTRUCTION:	\$1,500,000	\$600,000		TOTAL	\$4,000,000	\$1,000,000	\$0	\$5,000,000
CONTINGENCIES:	\$600,000							
INDIRECTS:								
BOND FINANCING:								
<b>TOTAL PROJECT COST (YOE):</b>	<b>\$30,600,000</b>							

# W40-04a

Work Type:  
Additional lanes



### KTMP Projects

- New roadway
- Additional lanes
- Main L. / Rehab.
- Sidewalk/Trail

### Roads

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

### Other Features

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

### Project Name: Loop 121 (Phases I,II,III)

Description: Widen from a 2 lane to a 4 lane road  
New Extents: FM 439 to FM 436

ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL

# HIGHWAY PROJECT LISTING

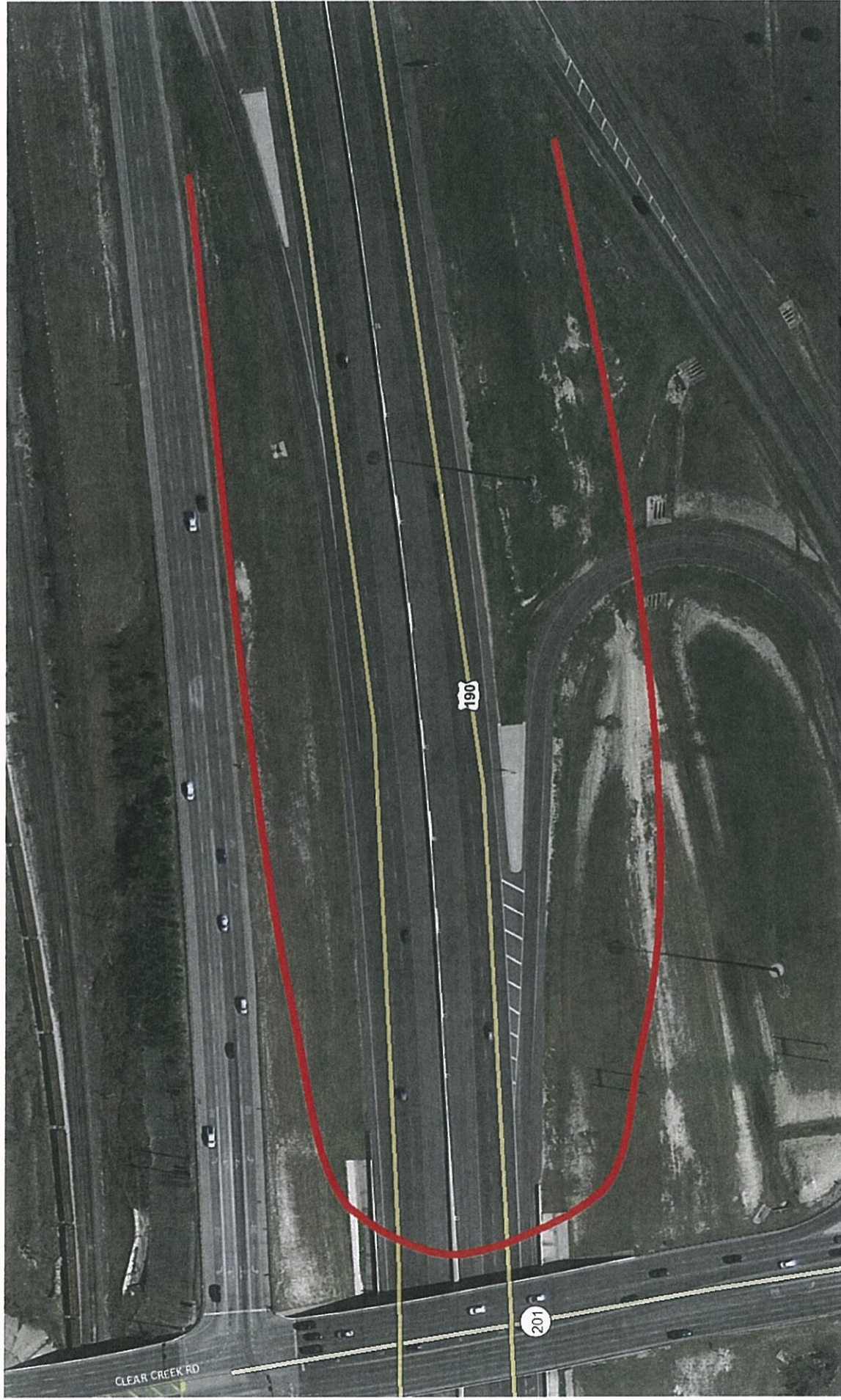
## KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2017 - 2020 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2018

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
WACO	Bell	0231-03-146	US 190	2018	C		Waco	\$4,000,000
LIMITS FROM: @ Clear Creek Road LIMITS TO:								
DESCRIPTION: Roadway reconfiguration to improve turning movements (turnaround)								
REVISION DATE: Aug-17 MPO ID: W40-03 FUNDING CATEGORY: 2M & 7 PROJECT HISTORY:								
REMARKS: August 2017 KTMO selected project								
<b>TOTAL PROJECT COST INFORMATION:</b>			<b>COST OF APPROVED PHASES:</b>			<b>AUTHORIZED FUNDING BY CATEGORY</b>		
PRELIMINARY ENGINEERING:		\$234,000				CATEGORY: FEDERAL:		\$1,680,000
RIGHT OF WAY:		\$4,000,000				STATE:		\$420,000
CONSTRUCTION:		\$224,000				LOCAL:		\$380,000
CONSTRUCTION ENGINEERING:		\$143,000				_OCAL CONT		\$0
CONTINGENCIES:						TOTAL		\$3,200,000
INDIRECTS:						TOTAL		\$2,100,000
BOND FINANCING:						TOTAL		\$1,900,000
<b>TOTAL PROJECT COST (YOE):</b>		<b>\$4,601,000</b>				<b>TOTAL</b>		<b>\$4,000,000</b>

# W40-03

Work Type:  
New Roadway



- KTMPO Projects**
- New roadway
  - Additional Lanes
  - MainL. / 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 Turnaround  
**Description:** Roadway reconfiguration to improve turning movements (turnaround)  
New Extents At Clear Creek Rd

ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL

# HIGHWAY PROJECT LISTING

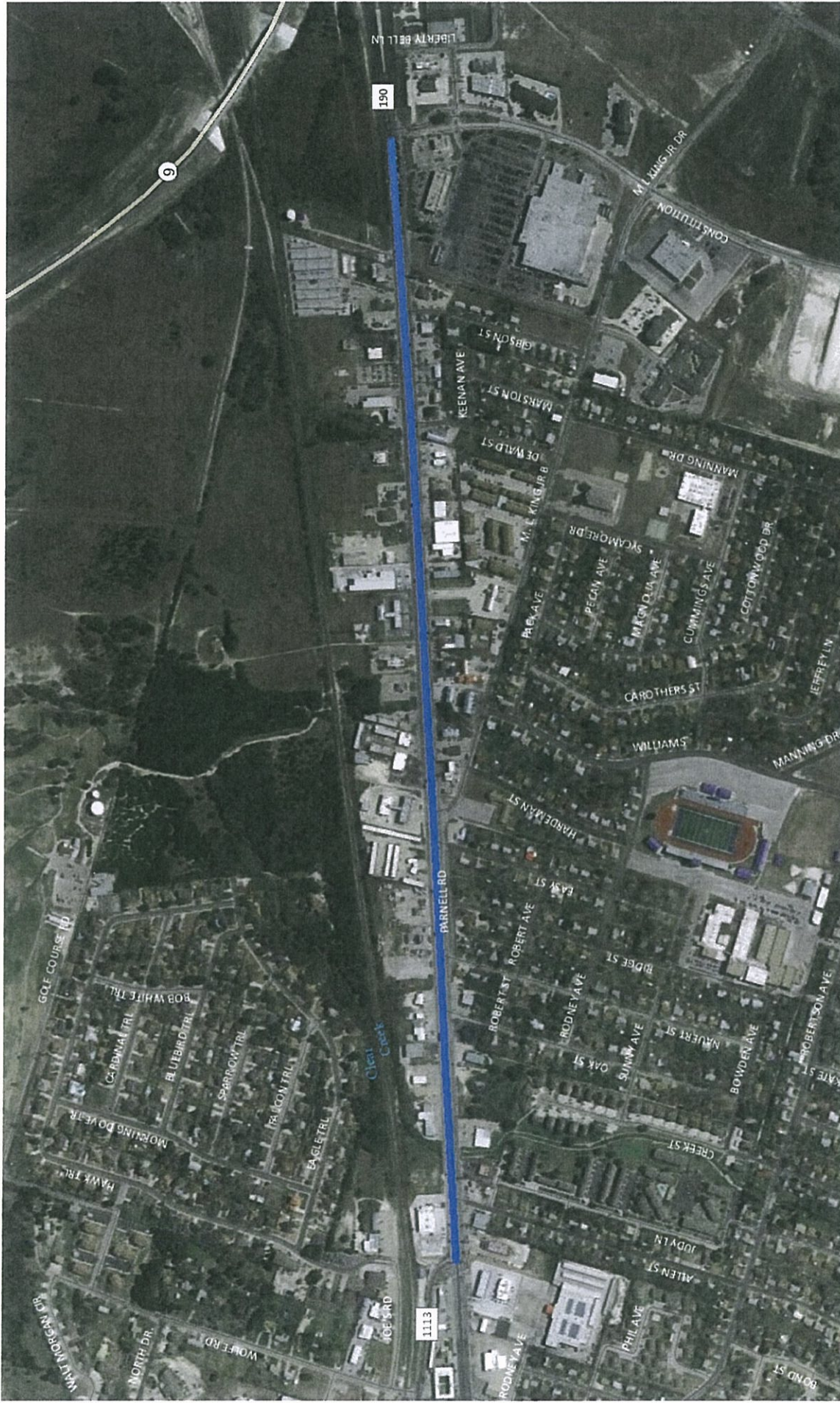
## KILLEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2017 - 2020 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2020

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOY COST
WACO	Coryell	0231-02-062	BUS 190	2020	C	Copperas Cove	Copperas Cove	\$10,000,000
LIMITS FROM:	FM 1113 (Avenue D)							
LIMITS TO:	Constitution Dr.							
DESCRIPTION:	Construction of a raised median and conversion of one travel lane in each direction to a sidewalk/bicycle lane.							
REVISION DATE:	Aug-17							
MPO ID:	C30-03b							
FUNDING CATEGORY:	2M							
PROJECT HISTORY:								
REMARKS:	August 2017 KTMO selected project							
TOTAL PROJECT COST INFORMATION:			COST OF APPROVED PHASES:					
PRELIMINARY ENGINEERING:	\$544,000							
RIGHT OF WAY:	\$10,000,000							
CONSTRUCTION ENGINEERING:	\$543,000							
CONTINGENCIES:	\$125,000							
INDIRECTS:								
BOND FINANCING:								
TOTAL PROJECT COST (YOY):	\$11,212,000							
AUTHORIZED FUNDING BY CATEGORY			CATEGORY: FEDERAL: LOCAL: STATE: LOCAL: TOTAL:					
2M	\$8,000,000	\$2,000,000						
TOTAL	\$8,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$10,000,000	

# C30-03b

## 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:** Business US 190 Phase I  
**Description:** 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  
**New Extents:** Avenue D to Constitution Dr  
ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL

# HIGHWAY PROJECT LISTING

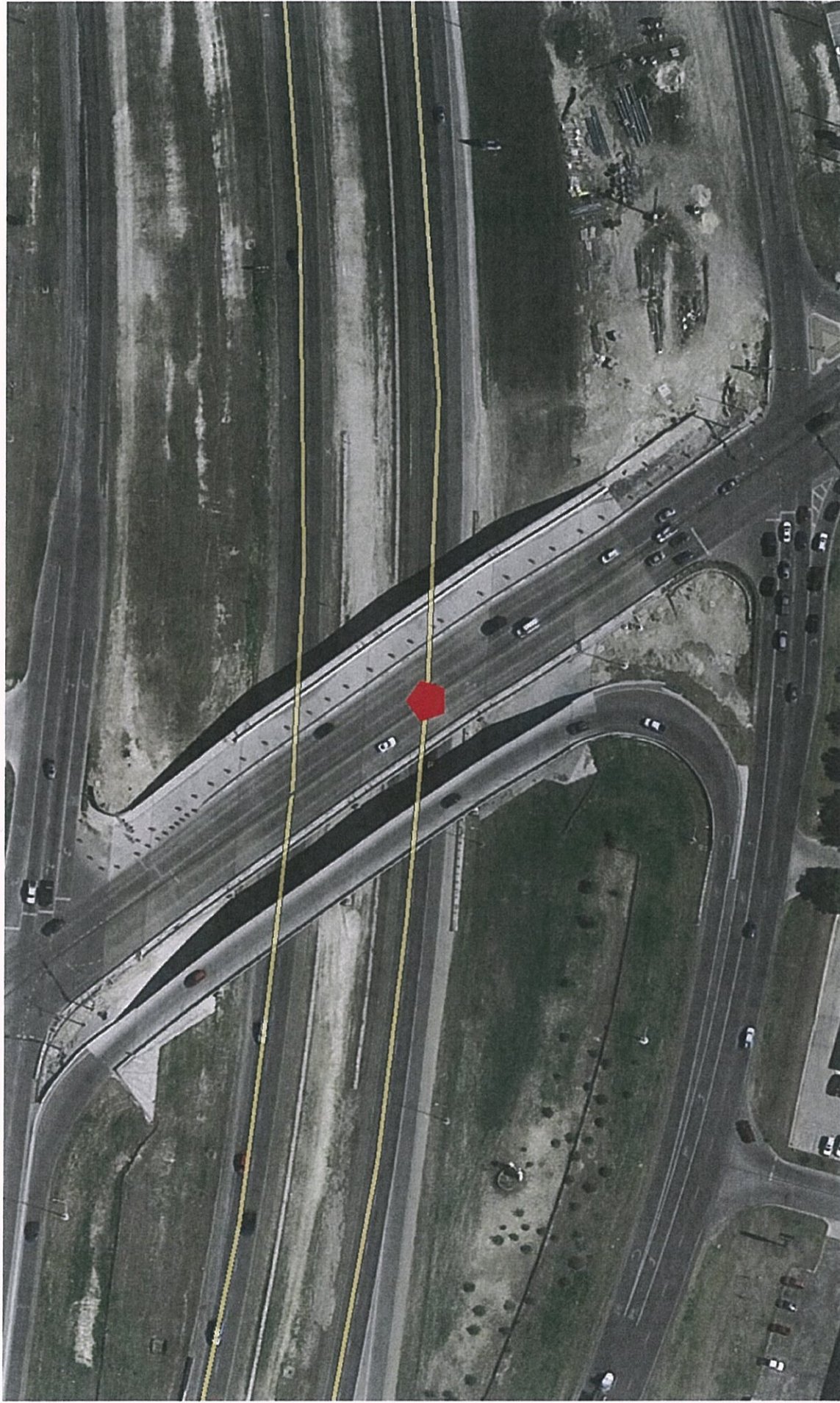
## KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2017 - 2020 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2020

							PROJECT	
DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	SPONSOR	YOE COST
WACO	Bell	0231-03-147	US 190	2020	C	Harker Heights	Harker Heights	\$5,000,000
LIMITS FROM:		E Central Texas Expy W						
LIMITS TO:		E Central Texas Expy E						
DESCRIPTION:		Construction of a west to east turnaround						
REVISION DATE:		Aug-17						
MPO ID:		H35-01						
FUNDING CATEGORY:		7						
PROJECT HISTORY:								
REMARKS:		August 2017 KTMPPO selected project						
TOTAL PROJECT COST INFORMATION:		COST OF APPROVED PHASES:						
PRELIMINARY ENGINEERING:		\$278,000						
RIGHT OF WAY:		\$5,000,000						
CONSTRUCTION:		\$266,000						
CONSTRUCTION ENGINEERING:		\$170,000						
CONTINGENCIES:								
INDIRECTS:								
BOND FINANCING:								
TOTAL PROJECT COST (YOE):		\$5,714,000						
				AUTHORIZED FUNDING BY CATEGORY				
CATEGORY:		FEDERAL:	STATE:	LOCAL:	LOCAL CONT:	TOTAL:		
7		\$4,000,000	\$1,000,000	\$0	\$0	\$5,000,000		
TOTAL		\$4,000,000	\$1,000,000	\$0	\$0	\$5,000,000		

# H35-01

Work Type:  
Interchange/Overpass



### 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: US 190

Description: Construct of a west to east turnaround  
New Extent: E Central Texas Expy W to E Central Texas Expy E

ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL



# HIGHWAY PROJECT LISTING

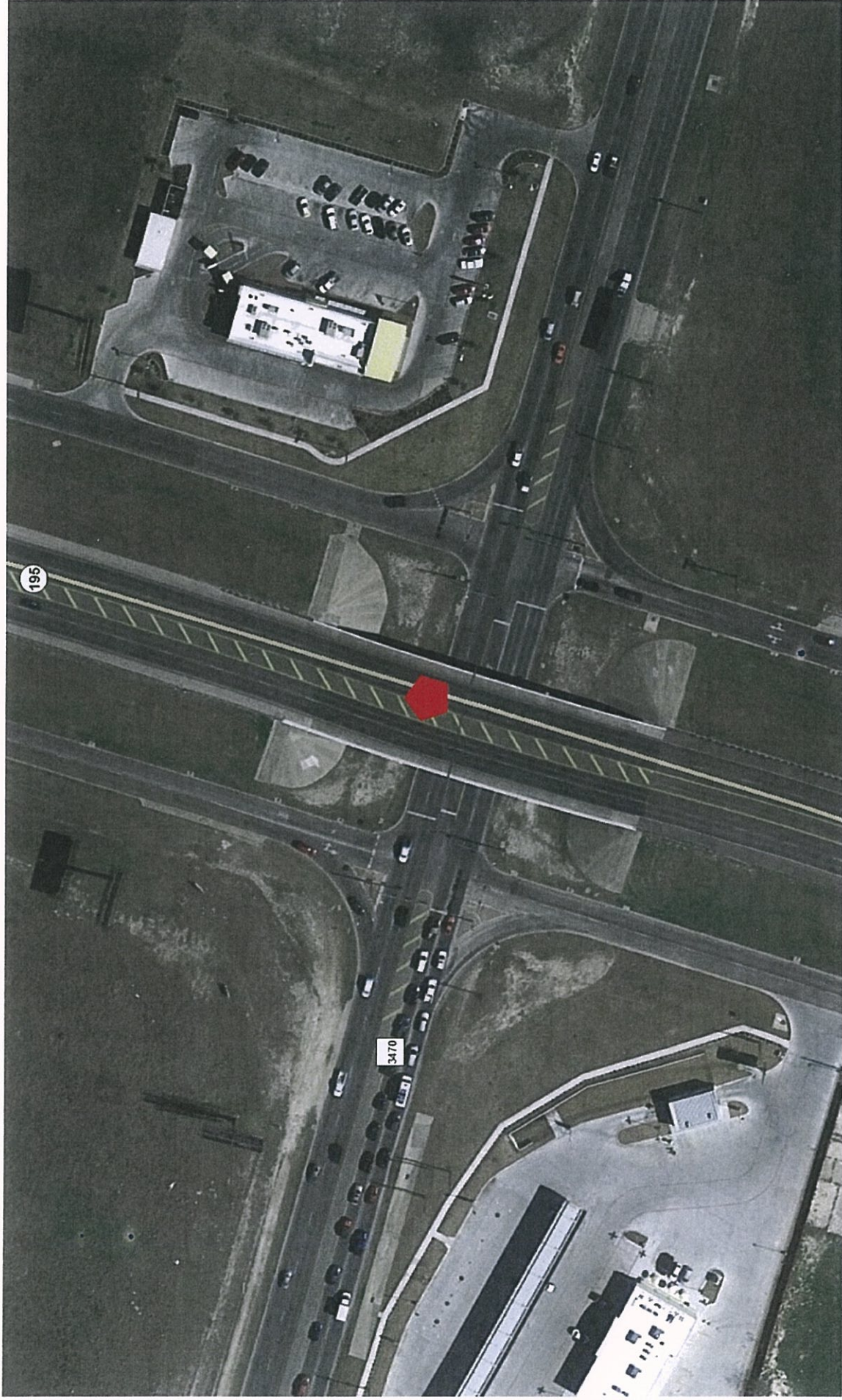
## KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2017 - 2020 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2019

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	SPONSOR	YOE COST	
WACO	Bell	0836-02-073	SH 195	2019	C	Killeen	Killeen	\$800,000	
LIMITS FROM: 0.1 MI N of FM 3470 LIMITS TO: 0.1 MI S of FM 3470 DESCRIPTION: Turnaround underpass for northbound and southbound traffic on SH 195 frontage roads and FM 3470 (Stan Schlueter). REVISION DATE: Aug-17 MPO ID: K40-27 FUNDING CATEGORY: 7 PROJECT HISTORY: August 2017 KTMO selected project									
<b>TOTAL PROJECT COST INFORMATION:</b> PRELIMINARY ENGINEERING: \$304,000 RIGHT OF WAY: CONSTRUCTION: \$800,000 CONSTRUCTION ENGINEERING: \$291,000 CONTINGENCIES: \$186,000 INDIRECTS: BOND FINANCING:			<b>COST OF APPROVED PHASES:</b> \$800,000			<b>AUTHORIZED FUNDING BY CATEGORY</b> CATEGORY: FEDERAL: \$640,000 STATE: \$160,000 LOCAL: \$0 7 TOTAL \$640,000 \$160,000 \$0 TOTAL \$640,000 \$160,000 \$0			<b>TOTAL:</b> \$800,000
<b>TOTAL PROJECT COST (YOE): \$1,581,000</b>									

# K40-27

## Work Type: Interchange/Overpass



- 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:** SH 195

**Description:** Construct turn-around on north side and south side  
**New Extents**

ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL

# HIGHWAY PROJECT LISTING

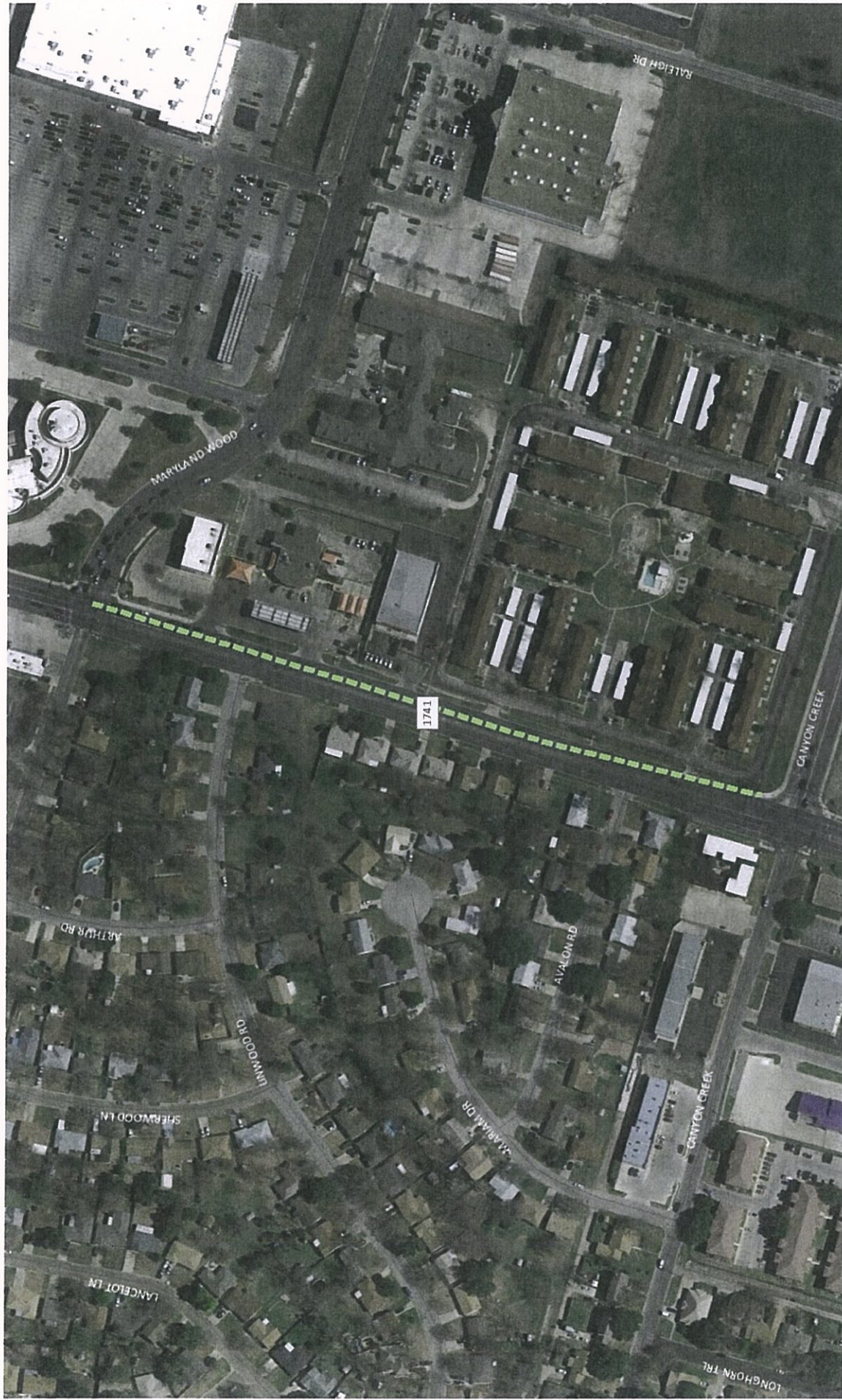
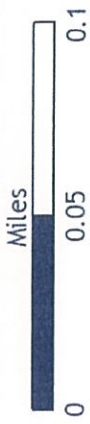
## KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2017 - 2020 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2019

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
WACO	Bell	1835-02-058	FM 1741	2019	C	Temple	Temple	\$500,000
LIMITS FROM: Mainlandwood Rd LIMITS TO: Canyon Creek Road DESCRIPTION: Installation of 6' sidewalks on both sides of FM 1741.								
REVISION DATE: Aug-17 MPO ID: T40-12 FUNDING CATEGORY: 7 PROJECT HISTORY: 31st Street Project								
REMARKS: August 2017 KTMP0 selected project								
<b>TOTAL PROJECT COST INFORMATION:</b>			<b>COST OF APPROVED PHASES:</b>			<b>AUTHORIZED FUNDING BY CATEGORY</b>		
PRELIMINARY ENGINEERING: \$26,000			\$500,000			FEDERAL: \$400,000		
RIGHT OF WAY:			\$26,000			STATE: \$100,000		
CONSTRUCTION: \$500,000			\$6,111			LOCAL: \$0		
CONSTRUCTION ENGINEERING: \$26,000			\$558,111			TOTAL: \$500,000		
CONTINGENCIES: \$6,111			\$0			TOTAL: \$500,000		
INDIRECTS:			\$0			TOTAL: \$500,000		
BOND FINANCING:			\$558,111			TOTAL PROJECT COST (YOE): \$558,111		

# T40-12

## Work Type: Sidewalk



### KTMP Projects

- New roadway
- Additional lanes
- Main L / 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: 31st St Sidewalks

Description: Construct 6 foot wide sidewalk, retaining walls, handrails, ADA ramps and landscape improvements

New Extents: Maryland Wood Rd to Canyon Creek Rd

ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL

# HIGHWAY PROJECT LISTING

## KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2017 - 2020 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2019

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
WACO	Bell	0184-03-039	SH 53	2019	C	Temple	Temple	\$1,492,174
LIMITS FROM: IH 35 LIMITS TO: Spur 290 DESCRIPTION: Installation of on-street bike lane and ADA compliant sidewalks traveling east on Central Avenue and west on Adams Avenue.								
REVISION DATE: Aug-17 MPO ID: T40-15 FUNDING CATEGORY: 7 PROJECT HISTORY: Adam's Avenue Project								
REMARKS: August 2017 KTMO selected project								
<b>TOTAL PROJECT COST INFORMATION:</b>			<b>AUTHORIZED FUNDING BY CATEGORY</b>					
PRELIMINARY ENGINEERING: \$78,300			FEDERAL: \$1,193,739		STATE: \$298,435		LOCAL: \$0	
RIGHT OF WAY:			CONSTRUCTION: \$1,492,174		TOTAL: \$1,492,174		LOCAL CONT: \$0	
CONSTRUCTION ENGINEERING: \$78,000			TOTAL: \$1,193,739		STATE: \$298,435		LOCAL CONT: \$0	
CONTINGENCIES: \$18,000			TOTAL: \$1,193,739		STATE: \$298,435		LOCAL CONT: \$0	
INDIRECTS:			TOTAL: \$1,193,739		STATE: \$298,435		LOCAL CONT: \$0	
BOND FINANCING:			TOTAL: \$1,193,739		STATE: \$298,435		LOCAL CONT: \$0	
<b>TOTAL PROJECT COST (YOE): \$1,666,474</b>			<b>TOTAL PROJECT COST (YOE): \$1,666,474</b>					

# HIGHWAY PROJECT LISTING

## KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2017 - 2020 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2019

							PROJECT	
DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	SPONSOR	YOE COST
WACO	Bell	0232-01-053	SH 53	2019	C	Temple	Temple	\$420,870
LIMITS FROM: Spur 290								
LIMITS TO: Martin Luther King Jr., Blvd								
DESCRIPTION: Installation of on-street bike lane and ADA compliant sidewalks traveling east on Central Avenue and west on Adams Avenue.								
REVISION DATE: Aug-17								
MPO ID: T40-15								
FUNDING CATEGORY: 7								
PROJECT HISTORY: Adam's Avenue Project								
REMARKS: August 2017 KTMO selected project								
TOTAL PROJECT COST INFORMATION:			COST OF APPROVED PHASES:			AUTHORIZED FUNDING BY CATEGORY		
PRELIMINARY ENGINEERING:	\$22,000					FEDERAL:	\$336,696	
RIGHT OF WAY:						STATE:	\$84,174	
CONSTRUCTION:	\$420,870					LOCAL:	\$0	
CONSTRUCTION ENGINEERING:	\$22,000					TOTAL:	\$420,870	
CONTINGENCIES:	\$5,000							
INDIRECTS:								
BOND FINANCING:								
TOTAL PROJECT COST (YOE):			\$469,870					

# T40-15

## Work Type: Sidewalk



- ### 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: Adams Ave Bicycle/Pedestrian Improvements

Description: Construct 6' sidewalk and 5' bike path along Central and Adams Avenue  
New Extents: IH 35 to Martin Luther King Jr Blvd

ALL DERIVED PROJECT ALIGNMENTS ARE CONCEPTUAL

# HIGHWAY PROJECT LISTING

## KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2017 - 2020 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2019

						PROJECT		
DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	SPONSOR	YOE COST
WACO	Coryell	3128-01-013	FM 116	2019	C	Copperas Cove	Copperas Cove	\$819,000
LIMITS FROM:		BUS HWY 190						
LIMITS TO:		FM 3046						
DESCRIPTION:		Construct ADA compliant sidewalks and bike lanes						
REMARKS:		August 2017 KTMO selected project						
		TOTAL PROJECT COST INFORMATION:		COST OF APPROVED PHASES:				
PRELIMINARY ENGINEERING:		\$43,000		CONSTRUCTION:		\$819,000		
RIGHT OF WAY:				CONSTRUCTION ENGINEERING:		\$43,000		
				CONTINGENCIES:		\$10,000		
INDIRECTS:				BOND FINANCING:				
TOTAL PROJECT COST (YOE):		\$915,000						
				AUTHORIZED FUNDING BY CATEGORY				
CATEGORY: 7				FEDERAL:	\$655,200	STATE:	\$163,800	TOTAL: \$819,000
TOTAL				\$655,200	\$163,800	\$0	\$0	\$819,000
				LOCAL CONT:				
				7				
				PROJECT HISTORY:				
				REVISION DATE: Aug-17				
				MPO ID: C40-05				
				FUNDING CATEGORY: 7				



# HIGHWAY PROJECT LISTING

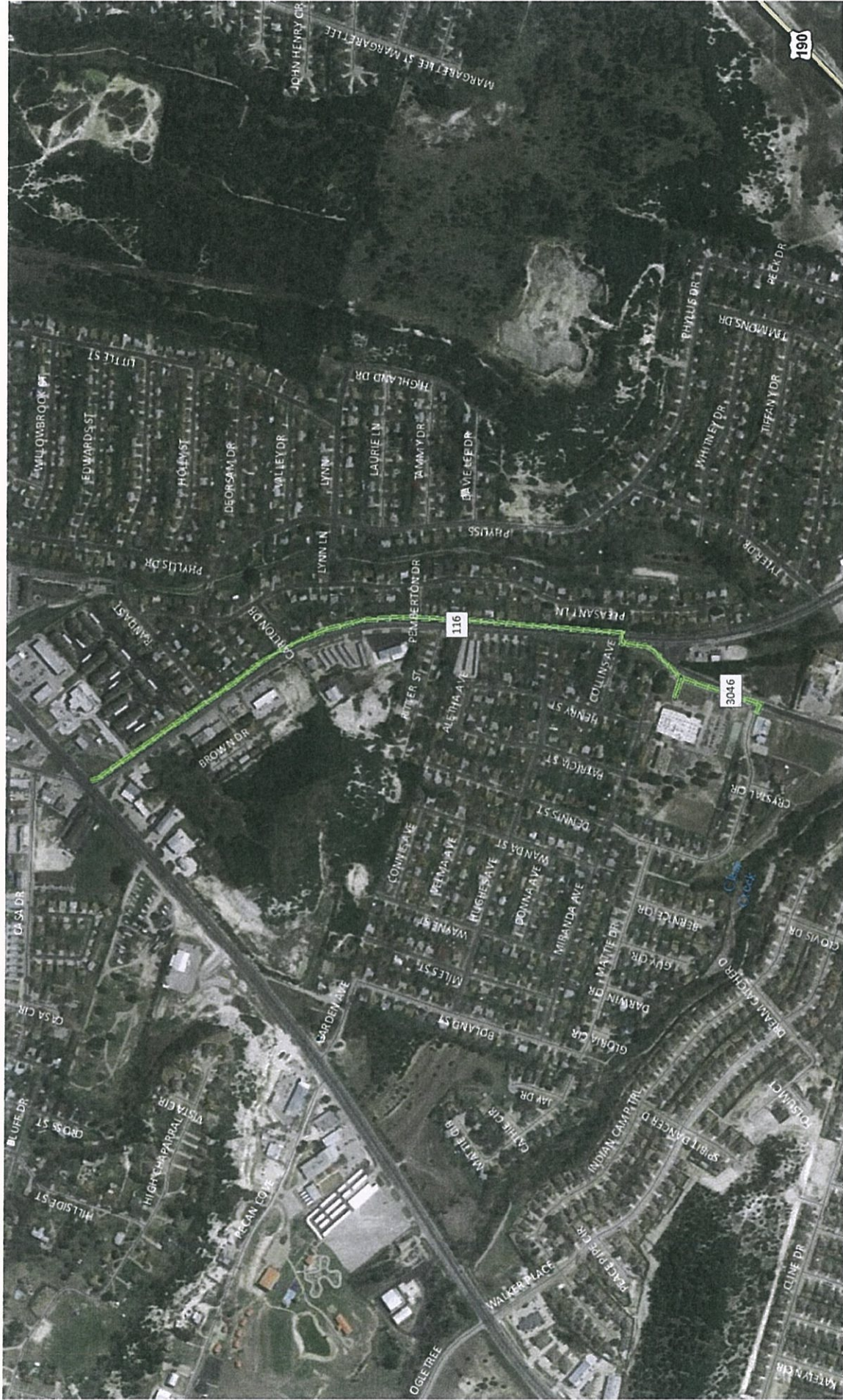
## KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2017 - 2020 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2019

							PROJECT		
DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	SPONSOR	YOE COST	
WACO	Coryell	3131-01-007	FM 3046	2019	C	Copperas Cove	Copperas Cove	\$156,000	
LIMITS FROM: FM 116									
LIMITS TO: Dennis St									
DESCRIPTION: Construct ADA compliant sidewalks and bike lanes									
REVISION DATE: Aug-17									
MPO ID: C40-05									
FUNDING CATEGORY: 7									
PROJECT HISTORY:									
REMARKS: August 2017 KTMO selected project									
TOTAL PROJECT COST INFORMATION:		COST OF APPROVED PHASES:							
PRELIMINARY ENGINEERING: \$23,000		CONSTRUCTION: \$156,000							
RIGHT OF WAY:		CONSTRUCTION ENGINEERING: \$23,000							
CONSTRUCTION: \$156,000		CONTINGENCIES: \$5,000							
CONSTRUCTION ENGINEERING: \$23,000		INDIRECTS:							
CONTINGENCIES: \$5,000		BOND FINANCING:							
INDIRECTS:		TOTAL PROJECT COST (YOE): \$207,000							
BOND FINANCING:									
TOTAL PROJECT COST (YOE): \$207,000									
		AUTHORIZED FUNDING BY CATEGORY							
CATEGORY: 7		FEDERAL: \$124,800		STATE: \$31,200		LOCAL: \$0		TOTAL: \$156,000	
TOTAL		\$124,800		\$31,200		\$0		\$156,000	

# C40-05

## Work Type: Sidewalk



- ### KTMO Projects
- New roadway
  - Additional Lanes
  - Maint. / Rehab.
  - Sidewalk / Trail

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

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

**Project Name:** FM 116 & FM 3046 Sidewalks  
**Description:** Construct ADA-compliant sidewalks, curb ramps, crosswalks and bike lanes  
**New Extents:** Business 190 to South Park on FM 3046

ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL

# HIGHWAY PROJECT LISTING

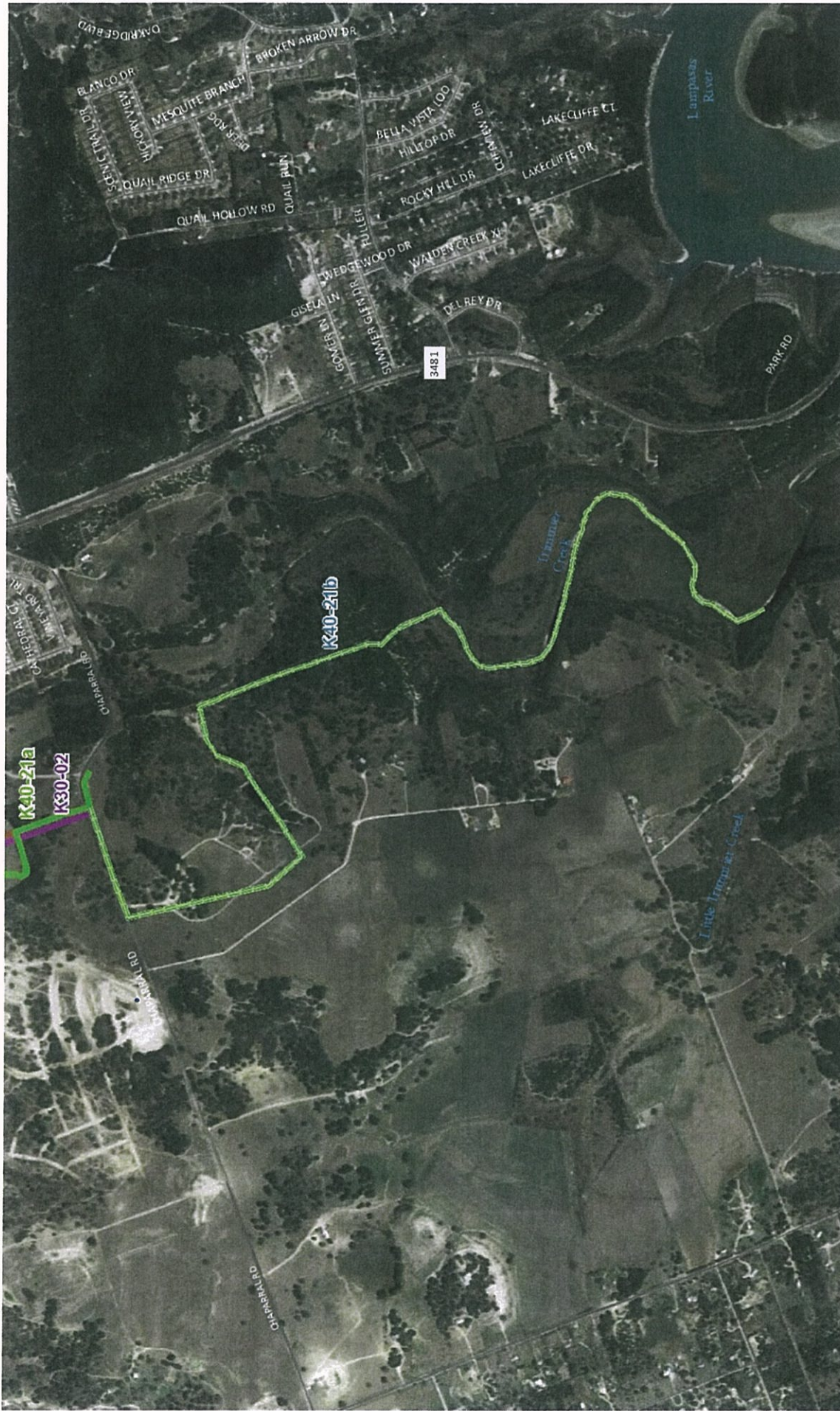
## KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2017 - 2020 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2019

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

# K40-21b

Work Type:  
Sidewalk



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

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

- 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 Road to Corps of Eng

ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL

# HIGHWAY PROJECT LISTING

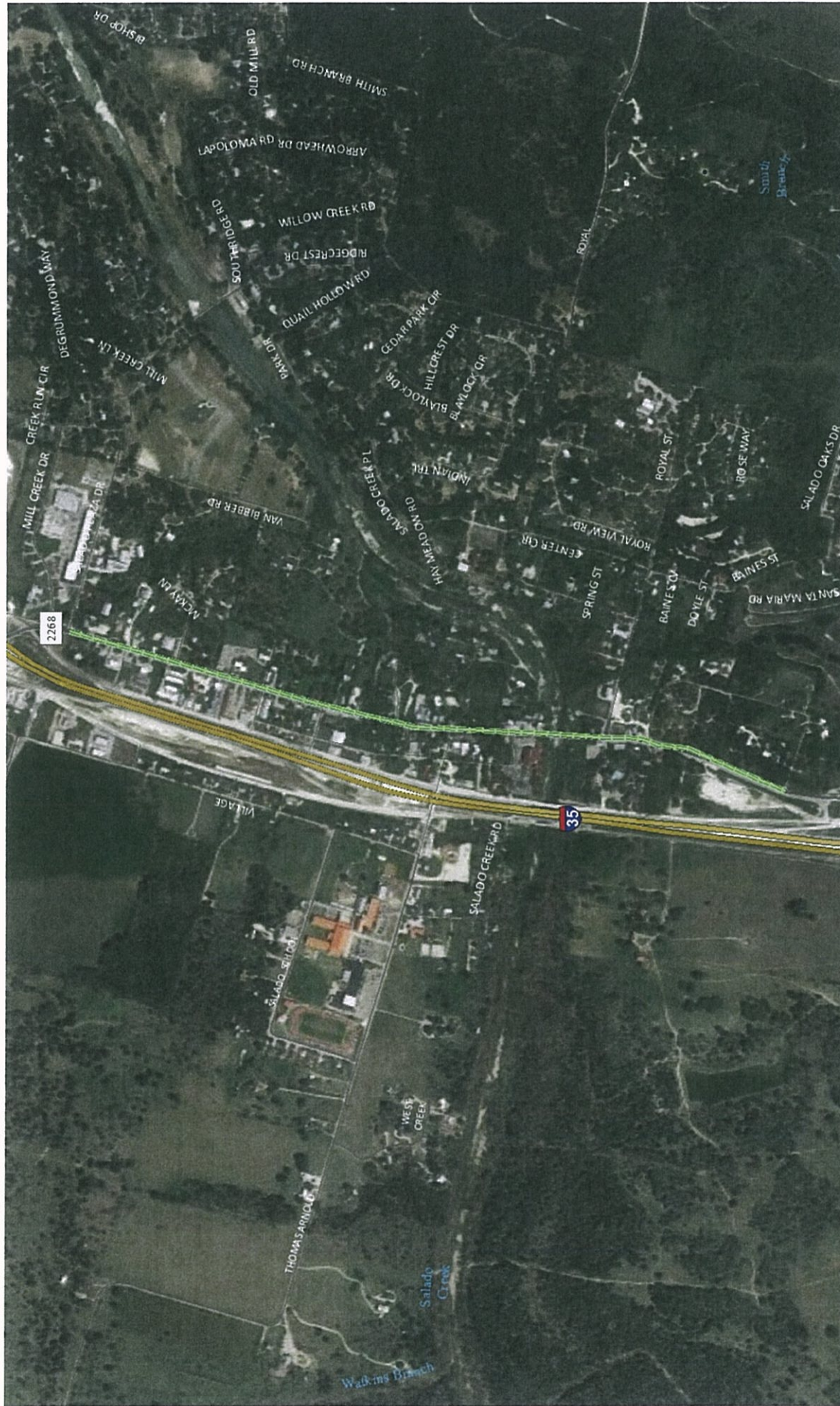
## KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2017 - 2020 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2018

						PROJECT			
DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	SPONSOR	YOE COST	
WACO	Bell	2136-01-020	FM 2268	2018	C	Salado	Waco	\$1,616,956	
LIMITS FROM:		Salado Plaza Drive							
LIMITS TO:		College Hill Dr							
DESCRIPTION:		Construct sidewalks, lighting, and striping for bicycles							
REMARKS:		August 2017 KTMO selected project							
		REVISION DATE:		Aug-17					
		MPO ID:		S40-04a					
		FUNDING CATEGORY:		7					
		PROJECT HISTORY:							
TOTAL PROJECT COST INFORMATION:				AUTHORIZED FUNDING BY CATEGORY					
PRELIMINARY ENGINEERING:	\$320,000	COST OF APPROVED PHASES:		CATEGORY:	FEDERAL:	STATE:	LOCAL:	LOCAL CONT:	TOTAL:
RIGHT OF WAY:				7	\$1,293,565	\$323,391			\$1,616,956
CONSTRUCTION:	\$1,616,956		\$1,616,956	TOTAL	\$1,293,565	\$323,391	\$0	\$0	\$1,616,956
CONSTRUCTION ENGINEERING:	\$320,000								
CONTINGENCIES:	\$74,000								
INDIRECTS:									
BOND FINANCING:									
TOTAL PROJECT COST (YOE):		\$2,330,956							

# S40-04a

Work Type:  
Sidewalk



- 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:** Main St Sidewalks  
**Description:** Construct sidewalks, lighting, and striping for bicycles  
**New Extents:** Salado Plaza Dr to College Hill Dr

ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL

# HIGHWAY PROJECT LISTING

## KILLEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2017 - 2020 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2020

PROJECT								
DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	SPONSOR	YOE COST
WACO	Coryell	0909-39-131	CS	2020	C	Copperas Cove	Copperas Cove	\$850,000
LIMITS FROM:		Constitution Dr from Bowen Avenue						
LIMITS TO:		0.2 MI S Martin Luther King Jr., Blvd						
DESCRIPTION: Construction of sidewalks for pedestrian/ bicycle use.								
REMARKS: August 2017 KTMPO selected project								
REVISION DATE:		Aug-17						
MPO ID:		C40-04a						
FUNDING CATEGORY:		7 & 9						
PROJECT HISTORY:		The Narrows						
TOTAL PROJECT COST INFORMATION:			COST OF APPROVED PHASES:			AUTHORIZED FUNDING BY CATEGORY		
PRELIMINARY ENGINEERING:	\$47,000			CATEGORY:	FEDERAL:	STATE:	LOCAL:	TOTAL:
RIGHT OF WAY:				7	\$288,000		\$72,000	\$360,000
CONSTRUCTION:	\$850,000		\$850,000	9	\$392,000		\$98,000	\$490,000
CONSTRUCTION ENGINEERING:	\$47,000			TOTAL	\$680,000	\$0	\$170,000	\$850,000
CONTINGENCIES:	\$11,000							
INDIRECTS:								
BOND FINANCING:								
TOTAL PROJECT COST (YOE):			\$955,000					

# C40-04a

## Work Type: Sidewalk



- ### KTMP Projects
- New roadway
  - Additional lanes
  - Main L. / 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: The Narrows-Phase 1

Description: Construction of sidewalk for pedestrian/bicycle use  
New Extents: Constitution Dr from Bowen Ave to 0.2 mi S of MLK Jr. Blvd

ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL



# HIGHWAY PROJECT LISTING

## KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2017 - 2020 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2020

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST			
WACO	Coryell	0909-39-132	CS	2020	C	Copperas Cove	Copperas Cove	\$680,000			
<p>LIMITS FROM: RG III Blvd from Constitution Dr.            LIMITS TO: Old Copperas Cove Road at Constitution Dr.            DESCRIPTION: Construction of sidewalks for pedestrian/ bicycle use.</p>											
<p>REVISION DATE: Aug-17            MPO ID: C40-04b            FUNDING CATEGORY: 9            PROJECT HISTORY: The Narrows</p>											
<p>REMARKS: August 2017 KTMPO selected project</p>											
<p>TOTAL PROJECT COST INFORMATION:</p>			<p>AUTHORIZED FUNDING BY CATEGORY</p>								
PRELIMINARY ENGINEERING:		\$38,000	COST OF APPROVED PHASES:								
RIGHT OF WAY:			CONSTRUCTION:								
		\$680,000	CONSTRUCTION ENGINEERING:								
		\$38,000	CONTINGENCIES:								
		\$9,000	INDIRECTS:								
BOND FINANCING:			TOTAL								
TOTAL PROJECT COST (YOE):		\$765,000	CATEGORY: FEDERAL:		\$544,000	STATE:	\$0	LOCAL:	\$136,000	TOTAL:	\$680,000
			TOTAL		\$544,000		\$0		\$136,000		\$680,000

# C40-04b

Work Type:  
Sidewalk



- KTMP Projects**
- New roadway
  - Additional Lanes
  - Main L. / 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:** The Narrows-Phase 2  
**Description:** Construction of sidewalks for pedestrian/bicycle use.  
**New Extents:** RG III Blvd from Constitution to Old Copperas Cove Rd at Constitution Dr.

ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL

# HIGHWAY PROJECT LISTING

## KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2017 -2 020 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2019

							PROJECT	
DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	SPONSOR	YOE COST
WACO	Coryell	0909-39-133	CS	2019	C	Copperas Cove	Copperas Cove	\$170,000
LIMITS FROM: Charles Tillman Way, from Constitution Dr.							REVISION DATE: Aug-17	
LIMITS TO: Charles Tillman Way @ RG III Blvd							MPO ID: C40-04c	
DESCRIPTION: Construction of sidewalks for pedestrian/ bicycle use.							FUNDING CATEGORY: 7	
REMARKS: August 2017 KTMO selected project							PROJECT HISTORY: The Narrows	
<b>TOTAL PROJECT COST INFORMATION:</b> PRELIMINARY ENGINEERING: \$9,000 RIGHT OF WAY: \$170,000 CONSTRUCTION: \$170,000 CONSTRUCTION ENGINEERING: \$9,000 CONTINGENCIES: \$2,000 INDIRECTS: BOND FINANCING:							<b>AUTHORIZED FUNDING BY CATEGORY</b> CATEGORY: FEDERAL: \$136,000 LOCAL: \$34,000 STATE: \$0 TOTAL: \$170,000 7 TOTAL \$136,000 \$0 \$34,000 \$0 \$170,000	
<b>TOTAL PROJECT COST (YOE):</b> \$190,000								

# C40-04c

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: The Narrows-Phase 3

Description: Construction of sidewalks for pedestrian/bicycle use  
New Extents: Charles Tillman Way from Constitution Dr to Charles Tillman Way at RG III Blvd

ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL

**Item 5c:  
Recommendation to approve  
the following Amendments**

**- FY16-17 UPWP**

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## Amendment to the FY16-17 UPWP

### Amendment Summary:

The current Travel Demand Model (TDM) is based on the 2010 census demographics and has a forecast year of 2040. TxDOT is refreshing the TDM to include updated demographics and roadway network for 2015 with a forecast year of 2045; however, it is up to the MPO's to provide them with the updated data. To accomplish this task, we are contracting with Kimley-Horn and Associates. This task was not considered in the current budget for FY17. As a result, an amendment to the budget for FY17 is needed to add \$60,000 under Task 4.1 (MTP).

The updated and forecasted information will be provided to TxDOT to incorporate in their model refresh. Once completed, the updated TDM will be provided to us to use as we develop our 2045 MTP which is due in May 2019.

With the proposed amendment, we will have \$933,200 in Transportation Planning Funds (TPF) programmed for use in FY17. Funding available to us for FY17 is approximately \$1.2 million. Therefore, the proposed amendment is within our fiscal constraints.

The public involvement process for a UPWP amendment includes a 15 day public comment period and a public hearing. A public hearing was held on May 23, 2017 and the 15 day public comment period runs from May 20 - June 3, 2017. Staff will update the TAC on any comments received at the meeting on Wednesday.

### UPWP Background

The Unified Planning Work Program (UPWP) provides descriptive and scheduling details for the Killeen-Temple Metropolitan Planning Organization (KTMP) planning process for a two year period. The UPWP serves as a base document for carrying on the continuing, cooperative and comprehensive transportation planning process in the Killeen-Temple urbanized area. It serves as our work plan and identifies tasks and subtasks that we plan to undertake during the plan period and the associated budget for these tasks.

### Tentative Schedule:

- May 3, 2017—TAC recommendation to initiate public involvement (PI) process for amendments to the FY16-17 UPWP;
- May 17, 2017—TPPB approval of initiation of PI process;
- May 20-June 3, 2017— Public Comment Period;
- May 23, 2017— Public Hearing, Central Texas Council of Governments (5:00pm), 2180 N. Main Street, Belton, Texas 76513;
- **June 7, 2017—TAC recommendation for approval of amendment;**
- June 21, 2017—TPPB approval of amendment

**Action Needed: Recommendation to approve proposed amendments.**

**Task 4.0 - FY16/17**

SUBTASK	Subtask	Responsible Agency	Transportation Planning Funds <sup>(1)</sup>		FTA Sect. 5307	Local	Total
			FY2016	FY2017			
METROPOLITAN TRANSPORTATION PLAN (MTP)	4.1	KTMPO	\$70,000	<del>\$55,000</del> \$115,000	\$0	\$0	<del>\$125,000</del> \$185,000
CONGESTION MANAGEMENT PROCESS	4.2	KTMPO	\$130,000	\$75,000	\$0	\$0	\$205,000
<b>Total</b>	<b>Total</b>		\$200,000	<del>\$130,000</del> \$190,000	\$0	\$0	<del>\$330,000</del> \$390,000

(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 person-hours, they are not reflected in the funding tables.

**UPWP BUDGET SUMMARY FY16/17**

UPWP Task	FTA Task	Description	Transportation Planning Funds <sup>(1)</sup>		FTA Sect. 5307	Local Funds	Total Funds
			FY2016	FY2017			
1		Administration-Management	\$394,000	\$415,000	\$0	\$0	\$809,000
2		Data Development and Maintenance	\$82,000	\$65,000	\$0	\$0	\$127,000
3		Short Range Planning	\$88,800	\$93,200	\$66,433	\$83,137	\$331,570
4		Metropolitan Transportation Plan	\$200,000	<del>\$130,000</del> <sup>3</sup> \$190,000	\$0	\$0	<del>\$330,000</del> <sup>3</sup> \$390,000
5		Special Studies	\$181,000	\$170,000	\$0	\$0	\$351,000
		<b>Total</b>	<b>\$925,800</b>	<b>\$873,200</b> <sup>3</sup> <b>\$933,200</b>	<b>\$66,433</b>	<b>\$83,137</b>	<b>\$1,948,570</b> <sup>3</sup> <b>\$2,008,570</b>

<sup>1</sup> 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.

<sup>2</sup> FHWA (PL-112)

\$868,824

<sup>2</sup> FTA Section 5303 (Sect. 8)

\$293,096

Estimated Unexpended Carryover

\$637,080

Total TPF

\$1,799,000

<sup>2</sup> Estimate based on prior years authorizations

**<sup>3</sup> Amendment June 21, 2017**

**FY17 Total TPF Funds available as of this date: \$1,272,548.78**

FY17 Apportionment - \$623,347.00

FY15 Carryover - \$649,201.78

(FY16 carryover not authorized yet - \$93,000)

**FY17 TPF Programmed Amount as Amended: \$933,200**



**Item 6:  
Recommendation to approve  
Transit Performance Targets  
for State of Good Repair**

**Transit Performance Targets—State of Good Repair**

**Summary:**

Previously, we informed TAC that under the Transit Asset Management (TAM) Final Rule, the Federal Transit Administration (FTA) requires transit providers to set performance targets for State of Good Repair (SGR) by January 1, 2017. The Planning Rule requires each Metropolitan Planning Organization (MPO) to establish targets not later than 180 days after the date on which the relevant state or provider of public transportation establishes its performance targets. The 180 day deadline is June 30, 2017.

KTMPPO does not own, operate or manage capital assets connected to the provision of public transit service. Hill Country Transit District (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.

We propose KTMPPO adopt the 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, we propose future revisions be administratively approved by KTMPPO staff and brought to the attention of the TAC and TPPB.

**Action Needed:** Recommendation as follows:

- a. Adopt and establish the HCTD State of Good Repair urban and rural system performance targets in the TAMP as the MPO performance targets for the region.
- b. Authorize future revisions to be administratively approved by KTMPPO staff and presented to the TAC and TPPB.

## TRANSIT ASSET MANAGEMENT PLAN

### HILL COUNTRY TRANSIT DISTRICT, dba The HOP

#### TARGETS AND OBJECTIVES

In accordance with 49 USC§ 49, MAP-21 Section 20019, and TAC Rule § 31.51, HCTD has incorporated important TAMP principles into the HCTD Maintenance Plan to meet objectives associated with ensuring all equipment is in a state of good repair. HCTD, through specific language provided within the TAMP portion of the HCTD Fleet Maintenance Plan, has established specific targets and objectives, as provided below. HCTD actually exceeds the legal requirements of the plan in that all vehicles, equipment, and facilities are included in requirements related to State of Good Repair inspections and inclusion in scheduled replacement reports. For example, all passenger shelters are inspected annually and a state of good repair report is prepared for each passenger amenity.

Targets and Objectives include:

- All revenue and support vehicles, buildings, support equipment, and transit amenities are inventoried;
- Annual inspections are conducted to verify all vehicles and equipment are at their designated location, to include transit amenities;
- Lifecycle practices are used to create and maintain a listing of all vehicles, buildings, equipment, and transit amenities to verify condition and to maximize the lifespan of each unit;
- Preventive maintenance inspections are scheduled and conducted regularly to verify proper condition and to make repairs if needed to ensure the units are suitable for continued use - each unit is associated with a prescribed preventive maintenance schedule;
- Through regular inspections and corrective maintenance, if required, HCTD can maximize the operational quality of the unit, maximize the unit's lifespan, and minimize unnecessary repair costs;
- Through the use of specific State of Good Repair inspection reports, each unit can perform as designed during its specified lifespan, and may, through these inspections, remain in service if financially and operationally beneficial;
- State of Good Repair (SOGR) reports provide that each unit fall into one of three service categories – in prescribed life but in need of repairs, exceeded prescribed life but still in a state of good repair, or exceeded its prescribed life and is no longer in a repair suitable for continued use;
- Through the culmination of SOGR inspections and reports, the TAMP process provides an appropriate method to develop and maintain a replacement schedule (such as HCTD's fleet replacement schedule) which lists all vehicles and can, at a glance, provide information as to which of the three SOGR categories each vehicle and support unit falls.

The primary benefits of the TAMP process are:

1. Determine the efficiency and effectiveness of the maintenance program for the fleet, equipment, facilities, and amenities;
2. Plan for replacements or possibly rehabilitation of some equipment as appropriate;

3. Develop estimates for capital investment needs, and prioritize those investments.

To ensure full compliance and manage effectively the benefits provided by the TAMP process, HCTD ensures a State of Good Repair inspection is conducted annually for all vehicles, buildings, support equipment, and amenities. The reports are collected and reviewed, and the data compiled within a single capital asset replacement schedule, which includes fleet replacement schedules.

*May 2017*

## **TAMP PERFORMANCE TARGETS**

The Transit Asset Management Plan (TAMP) provides a process whereby performance targets are established and measured through a strategic approach for assessing needs and prioritizing investments to keep the assets managed by HCTD in the best possible state of good repair. To that end, the following performance targets are considered as the Plan is followed each year.

### **TARGET ONE - INSPECTIONS**

The initial target is to ensure all capital assets, including fleet vehicles, passenger amenities, and support equipment are inspected each year. The state of repair for each such item is recorded on the State of Good Repair (SOGR) report made part of the TAMP plan. The performance measure for this target is the completion of the SOGR repair for each item.

### **TARGET TWO - STANDARDS**

The second target specifically impacts Target One, and ensures that objective standards are established to measure the condition of the assets (equipment, rolling stock, infrastructure and facilities). These standards are defined within the TAMP Plan, which is included as part of the Urban Fleet Maintenance Plan.

### **TARGET THREE- INVENTORY**

The third target provides the foundation for the first two targets, and includes an inventory of the capital assets. This inventory is included in the Fleet Pro software program, which provides for a complete inventory of capital assets, and provides a preventive maintenance inspection (PMI) schedule for these capital assets. Any repairs needed discovered through the SOGR inspection process can be entered into the Fleet pro program as "scheduled repairs", thereby ensuring the defects noted can be repaired, bringing the equipment into a required SOGR for continued safe operation.

### **TARGET FOUR - FINDINGS**

The fourth target is to compile all SOGR inspection findings into a simple worksheet format whereby management can review the findings and quickly identify any deficiencies that may require action. This target step also provides management with a tool that will allow the ranking of action needed for specific assets, thereby determining whether a specific asset is okay for continued use, should be repaired for continued use, or should be pulled from service and replaced. This step is especially difficult when several assets (such as numerous revenue vehicles) have reached the end of their life cycle based on age and mileage, yet are still needed in service because funding necessary for fleet replacement is lacking or inadequate, in which case the maintenance team develops a specific plan for each such vehicle to bring it into and keep it in an acceptable SOGR.

### **TARGET FIVE – FINAL REPORT**

The final target is to finalize a report listing the SOGR for each capital asset within its category (vehicle, facility, amenities), providing a detailed report related to a rolling five year replacement plan, with priority replacement and action levels established for each capital asset. The report includes a table showing the total number of assets in each asset group (including vehicles by

type/use, equipment, and facilities) and the corresponding number within each group that have exceeded their useful life. The measurable performance target is to have less than 5% of the units within each group beyond their useful life: More than 5% within a specific group is presented to focus management awareness, and is not considered a performance failure unless the total percentage of assets having exceeded their useful life exceeds 5%.

### **ACTION ITEMS**

The objective of the TAMP is to conduct SOGR inspections for all equipment during the months of October and November each calendar year. The final summary plan is to be completed no later than December 15 each calendar year, and submitted by that date to the HCTD General Manager.

By the end of March of each year, the following action must be taken:

1. A detailed report (provided as the annual TAMP report) must be prepared, showing the condition for each unit, including priority rating and action level – this annual report can be compared to the previous annual reports to show the condition of the system and changes since the last report.
2. For any assets that fail to meet the SOGR standards for continued use, an action plan (which may be as simple as developing a plan for repairs) must be presented, and a progress report submitted as appropriate.
3. The annual TAMP report and subsequent action plans related to corrective action for any asset failing to meet SOGR standards will be provided to KTMPO.

**Transit Asset  
Management  
Plan  
(TAMP)**

*Annual Report  
2016*

## **INTRODUCTION – TAMP REPORT FOR 2016**

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, and Urban Operations 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 facility, 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 plan 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.

Details regarding the TAMP plan 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 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 2017</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>After 2021</i>	<i>Total</i>
Urban Support Vehicles	7	0	4	0	0	0	0	11
Temple STS Vans	1	0	0	0	0	0	0	1
Temple STS Cutaway	21	0	1	3	0	0	0	25
Temple FRS Buses	0	0	0	0	2	0	6	8
Killeen FRS Buses	5	0	0	0	4	0	9	18
Killeen STS Cutaway	23	0	0	0	4	0	0	27
Killeen STS Vans	6	5	1	0	0	0	0	12
Rural Fleet	50	3	7	2	2	0	0	64
Shelters	0	0	0	0	0	0	182	182
Maintenance Equipment	14	2	2	1	0	2	5	26
Buildings	0	0	0	0	0	0	3	3
<b>Total</b>	<b>127</b>	<b>10</b>	<b>15</b>	<b>6</b>	<b>12</b>	<b>2</b>	<b>205</b>	<b>172</b>

### Killeen FRS Buses

<i>Asset</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>
on can be four	X				
818	X				
819	X				
820	X				
822	X				
823					X
824					X
825					X
826					X

### Killeen STS Cutaways

<i>Asset</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>
714	X				
715	X				
716	X				
717	X				
718	X				
719	X				
720	X				
721	X				
722	X				
723	X				
724	X				
725	X				
726	X				
727	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

### Killeen STS Vans

Asset	2016	2017	2018	2019	2020
240	X				
251	X				
252	X				
253	X				
257	X				
258	X				
259		X			
260		X			
261		X			
262		X			
263		X			
264			X		

### Temple FRS Buses

Asset	2016	2017	2018	2019	2020
904					X
905					X

### Temple STS Cutaways

Asset	2016	2017	2018	2019	2020
228	X				
232	X				
234	X				
235	X				
236	X				
237	X				
238	X				
239	X				
242	X				
243	X				
244	X				
245	X				
246	X				
247	X				
248	X				
249	X				
250	X				
254	X				
255	X				
256			X		
265				X	
266				X	
267				X	
L138	X				
L139	X				

## Rural Fleet

Asset	2016	2017	2018	2019	2020
L117	X				
L126	X				
L606	X				
L607	X				
L131	X				
409	X				
204	X				
205	X				
207	X				
410	X				
411	X				
008	X				
L133	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				
L135	X				
L136	X				
L137	X				
L140	X				
L141	X				
L142	X				

## Rural Fleet

Asset	2016	2017	2018	2019	2020
L143	X				
L144	X				
L145	X				
L146	X				
R120	X				
R121	X				
R122	X				
L147	X				
L148	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

### Temple STS Vans

Asset	2016	2017	2018	2019	2020
206	X				

### Urban Support Fleet

Asset	2016	2017	2018	2019	2020
1	X				
2	X				
3	X				
4	X				
5	X				
6	X				
7	X				
9			X		
X10			X		
X11			X		
X12			X		

### Passenger Amenities

Asset	2016	2017	2018	2019	2020
<i>All amenities within lifecycles for next five years</i>					

### Buildings

Asset	2016	2017	2018	2019	2020
<i>All buildings within lifecycles for next five years</i>					



## Equipment

Asset	2016	2017	2018	2019	2020
01 - Air Compressor	X				
West 1115HD	X				
GC1	X				
FL1	X				
Robinair 1	X				
AC - Vac Pump	X				
MIG -Welder 210	X				
Weed Eater	X				
HUB1	X				
08 - Utility Trailer	X				
Pressure Wash	X				
Steam Cleaner	X				
Torque Wrench	X				
YJ Refrigerant	X				
Champion Compressor		X			
Curtis Compressor		X			
Bus Wash Bay			X		
Fuel Island			X		
07 - Mobile Column Lift				X	

# 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 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>Target</i>
Urban Support Vehicles	11	0	<b>0.0%</b>	=< 5%
Temple STS Vans	1	0	<b>0.0%</b>	=< 5%
Temple STS Cutaway	25	0	<b>0.0%</b>	=< 5%
Temple FRS Buses	8	0	<b>0.0%</b>	=< 5%
Killeen FRS Buses	18	1	<b>5.6%</b>	=< 5%
Killeen STS Cutaway	27	0	<b>0.0%</b>	=< 5%
Killeen STS Vans	12	0	<b>0.0%</b>	=< 5%
Rural Fleet	63	1	<b>1.6%</b>	=< 5%
Shelters	182	0	<b>0.0%</b>	=< 5%
Maintenance Equipment	26	0	<b>0.0%</b>	=< 5%
Buildings	3	0	<b>0.0%</b>	=< 5%
<b>Total</b>	<b>376</b>	<b>2</b>	<b>0.5%</b>	<b>=&lt;5%</b>

## Transit Asset Management Plan Inventory Instructions

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

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

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

### Priority rating

- 1 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*

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

### Action level

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

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

URBAN FLEET 2016 data for Five Year Replacement Plan

UNIT #	LIFE CYCLE YEARS	LIFE CYCLE MILES	MAN'F YR	CURRENT MILES	SOGR	REPLMCT DUE YR	REPLMCT DUE MI	DESCRIPTION	DIVISION	PRIORITY RATING	ACTION LEVEL	COMMENTS
1	4	100,000	2007	159,974	3.60	2011	-59,974	TAURUS SE 3.0L V6	Belton Support	3	2	
2	4	100,000	2007	164,139	3.80	2011	-64,139	TAURUS SE 3.0L V6	Belton Support	3	2	
3	4	100,000	2007	162,947	3.80	2011	-62,947	TAURUS SE 3.0L V6	Belton Support	3	2	
4	4	100,000	2007	155,547	3.80	2011	-55,547	TAURUS SE 3.0L V6	Belton Support	3	2	
5	4	100,000	2007	130,595	3.80	2011	-30,595	TAURUS SE3.0 L V6	Belton Support	3	2	
6	4	100,000	2009	63,605	4.00	2013	36,395	EDGE SEL	Belton Support	3	3	
7	4	100,000	2008	84,057	4.00	2012	15,943	F250 SUPER DUTY XLT 5.4	Belton Support	3	3	
9	5	150,000	2013	89,308	4.00	2018	60,692	EXPRESS 2500 SWB	Belton Support	3		
X10	4	100,000	2014	53,563	4.80	2018	46,437	SIENNA LE	Belton Support	3		
X11	4	100,000	2014	65,302	4.80	2018	34,698	SIENNA LE	Belton Support	3		
X12	4	100,000	2014	49,909	5.00	2018	50,091	SIENNA LE	Belton Support	3		

URBAN FLEET 2016 data for Five Year Replacement Plan

UNIT #	LIFE CYCLE YEARS	LIFE CYCLE MILES	MAN'F YR	CURRENT MILES	SOGR	REPLMCT DUE YR	REPLMCT DUE MI	DESCRIPTION	DIVISION	PRIORITY RATING	ACTION LEVEL	COMMENTS
817	10	350,000	2004	515	4.50	2014	349,485	Transmark	Killeen - FRS	3	3	
818	10	350,000	2004	197,885	3.00	2014	152,115	Transmark	Killeen - FRS	2	3	
819	10	350,000	2004	425,934	1.00	2014	-75,934	Transmark	Killeen - FRS	1	1	
820	10	350,000	2004	372,523	3.50	2014	-22,523	Transmark	Killeen - FRS	3	2	
822	10	350,000	2004	362,825	3.00	2014	-12,825	Transmark	Killeen - FRS	2	2	
823	12	500,000	2008	5,742	4.00	2020	494,258	OPTIMA	Killeen - FRS	3		
824	12	500,000	2008	21,736	3.67	2020	478,264	OPTIMA	Killeen - FRS	3		
825	12	500,000	2008	24,192	4.00	2020	475,808	OPTIMA	Killeen - FRS	3		
826	12	500,000	2008	133,293	3.83	2020	366,707	OPTIMA	Killeen - FRS	3		
827	12	500,000	2010	167,507	4.17	2022	332,493	EZ RIDER	Killeen - FRS	3		
828	12	500,000	2010	240,004	4.00	2022	259,996	EZ RIDER	Killeen - FRS	3		
829	12	500,000	2010	251,233	4.00	2022	248,767	EZ RIDER	Killeen - FRS	3		
830	12	500,000	2010	265,072	4.00	2022	234,928	EZ RIDER	Killeen - FRS	3		
831	12	500,000	2010	238,196	3.83	2022	261,804	EZ RIDER	Killeen - FRS	3		
832	12	500,000	2010	280,545	4.00	2022	219,455	EZ RIDER	Killeen - FRS	3		
833	12	500,000	2010	283,147	3.83	2022	216,853	EZ RIDER	Killeen - FRS	3		
834	12	500,000	2010	241,209	4.50	2022	258,791	EZ RIDER	Killeen - FRS	3		
835	12	500,000	2015	67,496	4.83	2027	432,504	EZ RIDER	Killeen - FRS	3		

URBAN FLEET 2016 data for Five Year Replacement Plan

UNIT #	LIFE CYCLE YEARS	LIFE CYCLE MILES	MAN'F YR	CURRENT MILES	SOGR	REPLMCT DUE YR	REPLMCT DUE MI	DESCRIPTION	DIVISION	PRIORITY RATING	ACTION LEVEL	COMMENTS
714	4	100,000	2006	203,057	3.17	2010	-103,057	FORD E-450 DIESEL 6.0L	Killeen - STS	2	2	
715	4	100,000	2006	231,097	3.67	2010	-131,097	FORD E-450 DIESEL 6.0L	Killeen - STS	3	2	
716	4	100,000	2006	299,770	3.00	2010	-199,770	FORD E-450 DIESEL 6.0L	Killeen - STS	2	2	
717	4	100,000	2006	300,777	3.00	2010	-200,777	FORD E-450 DIESEL 6.0L	Killeen - STS	2	2	
718	4	100,000	2009	217,505	3.50	2013	-117,505	FORD E-450 DIESEL 6.0L	Killeen - STS	3	2	
719	4	100,000	2009	230,543	3.83	2013	-130,543	FORD E-450 DIESEL 6.0L	Killeen - STS	3	2	
720	4	100,000	2009	258,140	3.33	2013	-158,140	FORD E-450 DIESEL 6.0L	Killeen - STS	2	2	
721	4	100,000	2009	272,710	3.33	2013	-172,710	FORD E-450 DIESEL 6.0L	Killeen - STS	2	2	
722	4	100,000	2009	236,210	3.67	2013	-136,210	FORD E-450 DIESEL 6.0L	Killeen - STS	3	2	
723	4	100,000	2009	279,539	4.17	2013	-179,539	FORD E-450 DIESEL 6.0L	Killeen - STS	3	2	
724	4	100,000	2009	241,443	3.67	2013	-141,443	FORD E-450 DIESEL 6.0L	Killeen - STS	3	2	
725	4	100,000	2009	264,653	3.50	2013	-164,653	FORD E-450 DIESEL 6.0L	Killeen - STS	3	2	
726	4	100,000	2009	243,346	4.33	2013	-143,346	FORD E-450 DIESEL 6.0L	Killeen - STS	3	2	
727	4	100,000	2009	252,271	3.67	2013	-152,271	FORD E-450 DIESEL 6.0L	Killeen - STS	3	2	
728	4	100,000	2009	286,347	3.50	2013	-186,347	FORD E-450 DIESEL 6.0L	Killeen - STS	3	2	
730	5	150,000	2011	193,270	3.67	2016	-43,270	CHEVROLET EXPRESS 4500	Killeen - STS	3	3	
731	5	150,000	2011	188,028	3.67	2016	-38,028	CHEVROLET EXPRESS 4500	Killeen - STS	3	3	
732	5	150,000	2011	196,434	3.67	2016	-46,434	CHEVROLET EXPRESS 4500	Killeen - STS	3	3	
733	5	150,000	2011	193,537	3.50	2016	-43,537	CHEVROLET EXPRESS 4500	Killeen - STS	3	3	
734	5	150,000	2011	176,987	3.50	2016	-26,987	CHEVROLET EXPRESS 4500	Killeen - STS	3	3	
735	5	150,000	2011	199,020	3.83	2016	-49,020	CHEVROLET EXPRESS 4500	Killeen - STS	3	3	
736	5	150,000	2011	178,935	4.00	2016	-28,935	CHEVROLET EXPRESS 4500	Killeen - STS	3	3	
737	5	150,000	2011	202,816	3.67	2016	-52,816	CHEVROLET EXPRESS 4500	Killeen - STS	3	3	
738	5	150,000	2015	67,413	4.50	2020	82,587	CHEVROLET EXPRESS 4501	Killeen - STS	3		
739	5	150,000	2015	63,197	4.67	2020	86,803	CHEVROLET EXPRESS 4502	Killeen - STS	3		
740	5	150,000	2015	66,288	4.67	2020	83,712	CHEVROLET EXPRESS 4503	Killeen - STS	3		
741	5	150,000	2015	67,379	4.00	2020	82,621	CHEVROLET EXPRESS 4504	Killeen - STS	3		

URBAN FLEET 2016 data for Five Year Replacement Plan

UNIT #	LIFE CYCLE YEARS	LIFE CYCLE MILES	MAN'F YR	CURRENT MILES	SOGR	REPLMCT DUE YR	REPLMCT DUE MI	DESCRIPTION	DIVISION	PRIORITY RATING	ACTION LEVEL	COMMENTS
240	4	100,000	2007	235,992	3.60	2011	-135,992	CARAVAN	Killeen - Van	3	2	
251	4	100,000	2009	263,337	3.40	2013	-163,337	SIENNA LE	Killeen - Van	3	2	
252	4	100,000	2009	230,322	3.60	2013	-130,322	SIENNA LE	Killeen - Van	3	2	
253	4	100,000	2009	210,507	3.60	2013	-110,507	SIENNA LE	Killeen - Van	3	2	
257	4	100,000	2012	124,097	4.67	2016	-24,097	GRAND CARAVAN	Killeen - Van	3	3	
258	4	100,000	2012	131,773	4.60	2016	-31,773	GRAND CARAVAN	Killeen - Van	3	3	
259	4	100,000	2013	115,285	4.60	2017	-15,285	GRAND CARAVAN	Killeen - Van	3	3	
260	4	100,000	2013	102,069	4.60	2017	-2,069	GRAND CARAVAN	Killeen - Van	3	3	
261	4	100,000	2013	118,620	4.60	2017	-18,620	GRAND CARAVAN	Killeen - Van	3	3	
262	4	100,000	2013	129,190	4.60	2017	-29,190	GRAND CARAVAN	Killeen - Van	3	3	
263	4	100,000	2013	114,570	4.60	2017	-14,570	GRAND CARAVAN	Killeen - Van	3	3	
264	4	100,000	2014	63,315	4.20	2018	36,685	GRAND CARAVAN	Killeen - Van	3		

**URBAN FLEET 2016 data for Five Year Replacement Plan**

UNIT #	LIFE CYCLE YEARS	LIFE CYCLE MILES	MAN'F YR	CURRENT MILES	SOGR	REPLMCT DUE YR	REPLMCT DUE MI	DESCRIPTION	DIVISION	PRIORITY RATING	ACTION LEVEL	COMMENTS
904	12	500,000	2008	9,228	4.00	2020	490,772	OPTUS	Temple - FRS	3		
905	12	500,000	2008	5,322	4.00	2020	494,678	OPTIMA	Temple - FRS	3		
906	12	500,000	2010	192,991	4.17	2022	307,009	EZ RIDER	Temple - FRS	3		
907	12	500,000	2010	218,772	4.17	2022	281,228	EZ RIDER	Temple - FRS	3		
908	12	500,000	2010	217,875	4.17	2022	282,625	EZ RIDER	Temple - FRS	3		
909	12	500,000	2015	43,515	5.00	2027	456,085	EZ RIDER	Temple - FRS	3		
910	12	500,000	2015	60,429	4.83	2027	439,571	EZ RIDER	Temple - FRS	3		
911	12	500,000	2015	53,257	4.83	2027	446,743	EZ RIDER	Temple - FRS	3		



URBAN FLEET 2016 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	DESCRIPTION	DIVISION	PRIORITY RATING	ACTION LEVEL	COMMENTS
228	4	100,000	2002	237,617	2.83	2006	-137,617	E-350	Temple - STS	2	2	
232	4	100,000	2004	180,014	3.50	2008	-80,014	FORD E-450 V-8 6LT DIESEL	Temple - STS	3	2	
234	4	100,000	2005	228,336	3.17	2009	-128,336	FORD E-450	Temple - STS	2	2	
235	4	100,000	2005	191,242	3.17	2009	-91,242	FORD E-450	Temple - STS	2	2	
236	4	100,000	2005	214,811	3.00	2009	-114,811	FORD E-450 DIESEL 6.0L	Temple - STS	2	2	
237	4	100,000	2006	240,049	3.33	2010	-140,049	FORD E-450 DIESEL 6.0L	Temple - STS	2	2	
238	4	100,000	2006	251,442	3.17	2010	-151,442	FORD E-450 DIESEL 6.0L	Temple - STS	2	2	
239	4	100,000	2007	261,425	3.50	2011	-161,425	CHEVY DURAMAX 6.6L	Temple - STS	3	2	
242	4	100,000	2008	238,430	3.50	2012	-138,430	FORD E-450	Temple - STS	3	2	
243	4	100,000	2009	219,711	3.67	2013	-119,711	FORD E-450 DIESEL 6.0L	Temple - STS	3	2	
244	4	100,000	2009	191,168	3.83	2013	-91,168	FORD E-450 DIESEL 6.0L	Temple - STS	3	2	
245	4	100,000	2009	183,972	3.83	2013	-83,972	FORD E-450 DIESEL 6.0L	Temple - STS	3	2	
246	4	100,000	2009	175,386	3.83	2013	-75,386	FORD E-450 DIESEL 6.0L	Temple - STS	3	2	
247	4	100,000	2009	194,975	4.33	2013	-94,975	FORD E-450 DIESEL 6.0L	Temple - STS	3	2	
248	4	100,000	2009	206,188	3.67	2013	-106,188	FORD E-450 DIESEL 6.0L	Temple - STS	3	2	
249	4	100,000	2009	214,496	3.67	2013	-114,496	FORD E-450 DIESEL 6.0L	Temple - STS	3	2	
250	4	100,000	2009	214,884	3.50	2013	-114,884	FORD E-450 DIESEL 6.0L	Temple - STS	3	2	
254	4	100,000	2010	156,976	4.67	2014	-56,976	FORD E 450	Temple - STS	3	2	
255	5	150,000	2011	205,057	3.67	2016	-55,057	EXPRESS 4500	Temple - STS	3	3	
256	5	150,000	2013	155,940	4.50	2018	-5,940	ENC AEROTECH	Temple - STS	3	3	
265	4	100,000	2015	65,893	4.83	2019	34,107	FORD E-450 DIESEL 6.0L	Temple - STS	3		
266	4	100,000	2015	54,651	4.83	2019	45,349	FORD E-450 DIESEL 6.0L	Temple - STS	3		
267	4	100,000	2015	66,699	4.83	2019	33,301	FORD E-450 DIESEL 6.0L	Temple - STS	3		
1138	4	100,000	2009	168,580	4.00	2013	-68,580	FORD E-450 DIESEL 6.0L	Temple - STS	3	2	
1139	4	100,000	2009	187,801	3.83	2013	-87,801	FORD E-450 DIESEL 6.0L	Temple - STS	3	2	
206	4	100,000	2007	201,183	3.60	2011	-101,183	CARAVAN	Temple - Van	3	2	

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 2016 data for Five Year Replacement Plan

UNIT #	LIFE CYCLE YEARS	LIFE CYCLE MILES	MAN'F YR	CURRENT MILES	SOGR	REPLMCT DUE YR	REPLMCT DUE MI	DESCRIPTION	DIVISION	PRIORITY RATING	ACTION LEVEL	COMMENTS
008	4	100,000	2008	93,261	3.00	2012	6,739	F250 SUPER DUTY XLT 5.4	Belton Support			
204	4	100,000	2007	259,739	1.80	2011	-159,739	CARAVAN	Lampasas	2	3	
205	4	100,000	2007	208,575	2.20	2011	-108,575	CARAVAN	Rockdale	2	3	
207	4	100,000	2007	276,651	2.60	2011	-176,651	CARAVAN	Uiano	2	3	
209	4	100,000	2009	123,045	3.00	2013	-23,045	TOYOTA SIENNA LE	Hico	2	3	
210	4	100,000	2009	208,851	3.60	2013	-108,851	TOYOTA SIENNA LE	San Saba	3	3	
211	4	100,000	2009	233,499	2.60	2013	-133,499	TOYOTA SIENNA LE	Kingsland	2	3	
409	4	100,000	2006	166,289	2.60	2010	-66,289	E-350 ECONOLINE	Rockdale	2	3	
410	4	100,000	2007	125,927	3.40	2011	-25,927	E-350 ECONOLINE	Uiano	3	3	
411	4	100,000	2007	191,576	2.60	2011	-91,576	E-350 ECONOLINE	Gatesville	2	3	
412	4	100,000	2009	96,452	3.40	2013	3,548	E-350 ECONOLINE	Cameron	3	3	
413	4	100,000	2009	118,015	3.60	2013	-18,015	E-350 ECONOLINE	Goldthwaite	3	3	
414	4	100,000	2009	183,369	2.80	2013	-63,369	E-350 ECONOLINE	Gatesville	2	3	
415	4	100,000	2009	84,438	4.00	2013	15,562	E-350 ECONOLINE	San Saba	3	3	
L117	4	100,000	2001	182,920	1.83	2005	-82,920	E-350 DIESEL 7.3 LTR	Mason	2	3	
L126	4	100,000	2002	146,584	2.33	2006	-46,584	E-350 6.8 LTR	Gatesville	2	3	
L131	4	100,000	2005	212,506	1.67	2009	-112,506	E-450 DIESEL	Cameron	1	2	
L133	4	100,000	2008	162,970	2.17	2012	-62,970	E-450 DIESEL	Uiano	2	3	
L134	4	100,000	2008	195,846	2.50	2012	-95,846	E-450 DIESEL	Cameron	2	3	
L135	4	100,000	2009	187,628	2.17	2013	-87,628	E-450 DIESEL	Gatesville	2	3	
L136	4	100,000	2009	118,994	3.17	2013	-18,994	E-450 DIESEL	Gatesville	2	3	
L137	4	100,000	2009	167,173	3.33	2013	-67,173	E-450 DIESEL	Lampasas	2	3	
L140	4	100,000	2009	149,306	2.83	2013	-49,306	E-450 DIESEL	Kingsland	2	3	
L141	4	100,000	2009	156,573	2.83	2013	-56,573	E-450 DIESEL	Rockdale	2	3	
L142	4	100,000	2009	138,995	3.00	2013	-38,995	E-450 DIESEL	Rockdale	2	3	
L143	4	100,000	2009	114,598	2.67	2013	-14,598	E-450 DIESEL	Goldthwaite	2	3	
L144	4	100,000	2009	78,245	4.00	2013	21,155	E-450 DIESEL	Mason	3	3	
L145	4	100,000	2009	96,167	3.00	2013	3,833	E-450 DIESEL	Hamilton	2	3	
L146	4	100,000	2009	93,447	3.17	2013	6,553	E-450 DIESEL	San Saba	2	3	
L147	4	100,000	2010	120,310	4.33	2014	-20,310	E-450 DIESEL	Lampasas	3	3	
L148	4	100,000	2010	163,284	2.83	2014	-63,284	E-450 DIESEL	Uiano	2	3	
L149	5	150,000	2011	105,356	4.17	2016	44,644	EXPRESS 4500	Cameron	3	3	
L150	5	150,000	2011	92,344	4.00	2016	57,656	EXPRESS 4500	Goldthwaite	3	3	
L151	5	150,000	2011	83,892	4.17	2016	66,108	EXPRESS 4500	San Saba	3	3	
L152	5	150,000	2013	87,455	4.33	2018	62,545	ENC AEROTECH	Gatesville	3	3	
L153	5	150,000	2013	46,467	4.67	2018	103,533	ENC AEROTECH	Lampasas	3	3	
L154	5	150,000	2013	68,435	4.33	2018	81,565	CHEVROLET BUS	Uiano	3	3	

UNIT #	LIFE CYCLE YEARS	LIFE CYCLE MILES	MAN'Y YR	CURRENT MILES	SOGR	REPLMCT DUE YR	REPLMCT DUE MI	DESCRIPTION	DIVISION	PRIORITY RATING	ACTION LEVEL	COMMENTS
L155	5	150,000	2013	112,697	4.83	2018	37,303	CHEVROLET BUS	Rockdale	3	3	
L156	5	150,000	2013	57,807	4.50	2018	92,193	CHEVROLET BUS	Cameron	3	3	
L157	5	150,000	2014	16,019	4.83	2019	133,981	CHEVROLET BUS	Cameron	3	3	
L158	5	150,000	2014	29,201	4.67	2019	120,799	CHEVROLET BUS	Cameron	3	3	
L159	5	150,000	2015	1,802	5.00	2020	148,198	CHEVROLET BUS	Goldthwaite	3	3	
L160	5	150,000	2015	8,108	5.00	2020	141,892	CHEVROLET BUS	San Saba	3	3	
L606	5	150,000	2003	140,270	2.33	2008	9,730	FORD BUS	Illano	2	3	
L607	5	150,000	2003	156,948	2.67	2008	-6,948	FORD BUS	Lampasas	2	3	
L608	4	100,000	2010	88,658	3.67	2014	11,342	E-450 DIESEL	Cameron	3	3	
L609	4	100,000	2011	72,824	4.33	2015	27,176	DURAMAX 6.6 LTR	Lampasas	3	3	
L610	4	100,000	2011	92,515	4.17	2015	7,485	DURAMAX 6.6 LTR	Cameron	3	3	
L611	4	100,000	2011	102,570	4.00	2015	-2,570	DURAMAX 6.6 LTR	Rockdale	3	3	
L612	4	100,000	2011	89,226	3.67	2015	10,774	DURAMAX 6.6 LTR	Ilano	3	3	
M301	4	100,000	2013	75,520	4.20	2017	24,480	CARAVAN	Cameron	3	3	
M303	4	100,000	2013	142,409	3.40	2017	-42,409	CARAVAN	Lampasas	3	3	
M304	4	100,000	2013	118,952	3.60	2017	-18,952	CARAVAN	Goldthwaite	3	3	
M306	4	100,000	2014	51,498	3.80	2018	48,502	TOYOTA SIENNA LE	Rockdale	3	3	
R116	5	150,000	2007	299,381	3.50	2012	-149,381	UPLANDER	San Saba	3	3	
R117	5	150,000	2007	254,078	2.67	2012	-104,078	UPLANDER	Gatesville	2	3	
R118	5	150,000	2007	174,556	1.83	2012	-24,556	UPLANDER	Rockdale	2	3	
R119	5	150,000	2007	190,340	2.50	2012	-40,340	UPLANDER	Cameron	2	3	
R120	5	150,000	2008	223,918	2.00	2013	-73,918	UPLANDER	Ilano	2	3	
R121	5	150,000	2008	149,253	2.67	2013	747	UPLANDER	Hico	2	3	
R122	5	150,000	2008	268,778	2.00	2013	-118,778	UPLANDER	Lampasas	2	3	
R123	4	100,000	2012	95,972	3.17	2016	4,028	GRAND CARAVAN	Hamilton	2	3	
R124	4	100,000	2012	114,962	3.67	2016	-14,962	GRAND CARAVAN	Lampasas	3	3	

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

**Shelters 2016 data for Five Year Replacement Plan**

UNIT#	LIFE CYCLE YEARS	MAINT YR	SOGR	REPLACMT DUE YR	MAKE	DESCRIPTION	PRIORITY RATING	ACTION LEVEL	COMMENTS
1	22	2000	4	2022	BRASCO	City-K	3		TRIMMIER & FOWLER (WEST SIDE)
4	22	2005	4	2027	BRASCO	City-K	3		TRIMMIER (NEXT TO WHATABURGER)
5	22	2005	4	2027	BRASCO	Temple	3		On 51st Near Scott - Front of T&EW
12	22	2005	4	2027	BRASCO	City-K	3		E. LAKE PLAZA ON RANCIER
13	22	2000	4	2022	BRASCO	City-K	3		TWIN CREEK DR. (VERANDA APTS)
14	22	2000	4	2022	UNKNOWN	City-K	3		DEAN & GRAY STREET
15	22	2000	4	2022	BRASCO	City-CC	3		Clare Center-CC
16	22	2000	4	2022	BRASCO	City-K	3		JASPER ROAD (WORKFORCE)
17	22	2000	4	2022	BRASCO	City-K	3		38th @ Lake Road - K
19	22	2000	4	2022	UNKNOWN	City-CC	3		2ND & ROBERTSON - CC -1
20	22	2000	4	2022	BRASCO	City-CC	3		2ND & ROBERTSON CC -2
22	22	2005	4	2027	BRASCO	City-K	3		Mid-Town Mall on Bus 190 in Killeen
23	22	2000	4	2022	BRASCO	City-K	3		Duncan & 24th - Killeen
28	22	2011	4	2033	Handi-Hut	City-HH	3		Modoc behind Walmart
29	22	2011	4	2033	Handi-Hut	City-HH	3		Modoc Ln behind Walmart
30	22	2011	4	2033	Handi-Hut	City-HH	3		Verna Lee @ HH High School
31	22	2011	4	2033	Handi-Hut	City-HH	3		Indian Trail @ Ute Trail-HH
32	22	2011	4	2033	Handi-Hut	City-HH	3		Indian Trail @ Pima Trail - HH
33	22	2011	4	2033	Handi-Hut	City-HH	3		Indian Trail @ Boulder
34	22	2011	4	2033	Handi-Hut	City-HH	3		CYE at Indian Trail
36	22	2011	4	2033	Handi-Hut	City-HH	3		Amy Ln @ Baseline
37	22	2011	4	2033	Handi-Hut	City-HH	3		A Amy @ Baseline
38	22	2011	4	2033	Handi-Hut	City-HH	3		S Ann @ Kathy
39	22	2011	4	2033	Handi-Hut	City-HH	3		VMIS @ Amy Ln
40	22	2011	4	2033	Handi-Hut	City-K	3		SWS Young Dr @ Lowe's Blvd - Killeen
42	22	2011	4	2033	Handi-Hut	City-K	3		Hereford @ Hms - Killeen
43	22	2011	4	2033	Handi-Hut	City-K	3		Florence Rd @ Zinnia
44	22	2011	4	2033	Handi-Hut	City-K	3		Jasper Rd @ Jennifer - K
45	22	2011	4	2033	Handi-Hut	City-K	3		1000 block Florence Rd @ Mary Jane
46	22	2011	4	2033	Handi-Hut	City-K	3		Illinois @ Home Depot
47	22	2011	4	2033	Handi-Hut	City-K	3		Willow Springs near Wales
48	22	2011	4	2033	Handi-Hut	City-K	3		Circle M 4plex @ Ft Hood
49	22	2011	4	2033	Handi-Hut	City-K	3		Kohl's on Lowes Blvd

Shelters 2016 data for Five Year Replacement Plan

UNIT #	LIFE CYCLE YEARS	MAN'Y YR	SOGR	REPLNCT DUE YR	MAKE	DESCRIPTION	PRIORITY RATING	ACTION LEVEL	COMMENTS
50	22	2011	4	2033	Handi-Hut	City-K	3		Lake Rd & Kangaroo - Killen
51	22	2011	4	2033	Handi-Hut	City-K	3		Westliff & Lazyridge - Killen
52	22	2011	4	2033	Handi-Hut	City-K	3		Swanner Loop - Killen
53	22	2011	4	2033	Handi-Hut	City-K	3		Granada & Florence - Killen
55	22	2011	4	2033	Handi-Hut	City-K	3		Rancier & WS Young
56	22	2011	4	2033	Handi-Hut	City-K	3		Rancier @ Medical
57	22	2011	4	2033	Handi-Hut	City-K	3		Gray & Hold
58	22	2011	4	2033	Handi-Hut	City-K	3		Dean at 2nd Street
59	22	2011	4	2033	Handi-Hut	City-K	3		Westliff FS near Moonlight
60	22	2011	4	2033	Handi-Hut	City-K	3		Westliff NS near Dan
62	22	2011	4	2033	Handi-Hut	City-K	3		Rancier & Stewart
63	22	2011	4	2033	Handi-Hut	City-K	3		Rancier & Patton
64	22	2011	4	2033	Handi-Hut	City-K	3		Jrd & Young
65	22	2011	4	2033	Handi-Hut	City-K	3		WS Young @ VMB - NB, NS
66	22	2011	4	2033	Handi-Hut	City-K	3		WS Young @ VMB SB, FS
67	22	2011	4	2033	Handi-Hut	City-K	3		WS Young @ Terrace SB, NS
68	22	2011	4	2033	Handi-Hut	City-K	3		WS Young @ Zephyr SB, NS
69	22	2011	4	2033	Handi-Hut	City-K	3		WS Young @ Arkansas NB, FS
71	22	2011	4	2033	Handi-Hut	City-K	3		Stan Schlueter @ Dartmouth - Lions Park North
72	22	2011	4	2033	Handi-Hut	City-K	3		Stan Schlueter @ Lions Park - South
73	22	2011	4	2033	Handi-Hut	City-K	3		Gray @ Long
74	22	2011	4	2033	Handi-Hut	City-K	3		On WS Young @ Illinois
75	22	2011	4	2033	Handi-Hut	City-K	3		Fr Hood @ 440 Plaza
76	22	2011	4	2033	Handi-Hut	City-K	3		Twin Creek @ Valero @ Rancier
77	22	2011	4	2033	Handi-Hut	City-K	3		WS Young @ NB Zephyr
78	22	2011	4	2033	Handi-Hut	City-K	3		Chantr @ Stan Schlueter
79	22	2011	4	2033	Handi-Hut	City-K	3		Whirlow - N A&M Campus
80	22	2011	4	2033	Handi-Hut	City-K	3		N 2nd St @ Green SB
81	22	2011	4	2033	Handi-Hut	City-K	3		Row Reynolds @ Rancier
82	22	2011	4	2033	Handi-Hut	City-CC	3		1009 North Drive
83	22	2011	4	2033	Handi-Hut	City-CC	3		902 N 4th
84	22	2011	4	2033	Handi-Hut	City-CC	3		N Main @ Anderson
85	22	2011	4	2033	Handi-Hut	City-CC	3		N Main @ Truman
86	22	2011	4	2033	Handi-Hut	City-CC	3		Ave B @ Main
87	22	2011	4	2033	Handi-Hut	City-CC	3		Construction @ WalMart
88	22	2011	4	2033	Handi-Hut	City-CC	3		411 Williams street
90	22	2011	4	2033	Handi-Hut	City-CC	3		1202 MLK
91	22	2011	4	2033	Handi-Hut	City-CC	3		905 S Main
93	22	2011	4	2033	Handi-Hut	City-CC	3		1231 Georgetown Rd
94	22	2011	4	2033	Handi-Hut	City-CC	3		701 Casa Drive
95	22	2011	4	2033	Handi-Hut	City-CC	3		317 Casa Drive
96	22	2011	4	2033	Handi-Hut	City-CC	3		302 Sunset
97	22	2011	4	2033	Handi-Hut	City-CC	3		1103 N Main @ Iason
98	22	2011	4	2033	Handi-Hut	City-K	3		4th & Ave C - South
99	22	2011	4	2033	Handi-Hut	City-K	3		4th & Ave C - Middle

Shelters 2016 data for Five Year Replacement Plan

UNIT #	LIFE CYCLE YEARS	MAN'Y YR	SOGR	REPLMCT DUE YR	MAKE	DISCRIPTION	PRIORITY RATING	ACTION LEVEL	COMMENTS
100	22	2011	4	2033	Handi-Hut	City-K	3		4th & Ave C - North
101	22	2011	4	2033	Handi-Hut	City-K	3		Westliff @ Kenyon
102	22	2011	4	2033	Handi-Hut	City-HH	3		Indian Trail @ Verna Lee - NS
103	22	2011	4	2033	Handi-Hut	City-K	3		KPD - Featherline
104	22	2011	4	2033	Handi-Hut	City-K	3		SAW Clinic on SW Drive
105	22	2011	4	2033	Handi-Hut	City-HH	3		Indian Trail @ FM 2410
106	22	2012	4	2034	Handi-Hut	City-HH	3		Indian Trail SB touch of CTE
107	22	2012	4	2034	Handi-Hut	City-HH	3		Nola Ruth @ Presswick
108	22	2012	4	2034	Handi-Hut	City-HH	3		Indian Trail @ Nola Ruth
109	22	2012	4	2034	Handi-Hut	City-K	3		CTC @ Academia
110	22	2012	4	2034	Handi-Hut	City-K	3		CTC @ Building 5el Building 150
111	22	2012	4	2034	Handi-Hut	City-K	3		CTC @ Gym
112	22	2012	4	2034	Handi-Hut	City-K	3		Metropoles EB on Bell Tower
113	22	2012	4	2034	Handi-Hut	City-K	3		Metropoles WB on Bell Tower
114	22	2012	4	2034	Handi-Hut	City-K	3		IWS Young SB Civic Ctr
115	22	2012	4	2034	Handi-Hut	City-K	3		IWS Young NB Civic Ctr
116	22	2012	4	2034	Handi-Hut	City-CC	3		Constitution # 2
117	22	2012	4	2034	Handi-Hut	City-HH	3		Indian Trail NB @ CTE, NS
118	22	2012	4	2034	Handi-Hut	City-HH	3		FM 2410 @ Drawbridge
119	22	2012	4	2034	Handi-Hut	City-K	3		1240 Blocks @ Amber
120	22	2012	4	2034	Handi-Hut	City-K	3		Watercrest @ Quail Circle
121	22	2012	4	2034	Handi-Hut	City-K	3		Cantabrian @ Hereford
122	22	2012	4	2034	Handi-Hut	City-K	3		E Elms @ Chikita
123	22	2012	4	2034	Handi-Hut	City-K	3		Priest Drive @ DPS
124	22	2012	4	2034	Handi-Hut	City-K	3		Janis @ Elvsa
125	22	2012	4	2034	Handi-Hut	City-CC	3		1507 Veterans @ 17th
126	22	2012	4	2034	Handi-Hut	City-K	3		Roy Smith & Convergys
127	22	2012	4	2034	Handi-Hut	City-CC	3		RSC III @ Five Mills HEB
128	22	2012	4	2034	Handi-Hut	YARD	3		Yard
129	22	2005	4	2027	BRASCO	City-HH	3		Indian Oaks @ CTE
130	22	2014	4	2036	Handi-Hut	City-HH	3		HH Wal-Mart Market
500	22	2011	4	2033	Handi-Hut	Belton	3		200 Block Sparta Rd @ WalMart
501	22	2011	4	2033	Handi-Hut	Belton	3		100 Block S Davis
502	22	2011	4	2033	Handi-Hut	Belton	3		Mitchell St @ Ave J/Mitchell Cir
503	22	2011	4	2033	Handi-Hut	Belton	3		Mitchell St @ Ave H/Mitchell Circle
504	22	2011	4	2033	Handi-Hut	Belton	3		1800 Block Shady Ln near Holland Rd
505	22	2011	4	2033	Handi-Hut	Belton	3		700 Block Muehlhouse near Ave N
506	22	2011	4	2033	Handi-Hut	Temple	3		Canyon Creek near 31st - Temple
507	22	2011	4	2033	Handi-Hut	Temple	3		Passo del Oro @ 31st - Temple
508	22	2011	4	2033	Handi-Hut	Temple	3		7 N 24th @ Ferguson Pk - Temple
509	22	2011	4	2033	Handi-Hut	Temple	3		1639 W Ave H @ 29th St - Temple
510	22	2011	4	2033	Handi-Hut	Temple	3		1100 Block W Ave H @ 21st St - Temple
511	22	2011	4	2033	Handi-Hut	Belton	3		Justice Center - Belton
512	22	2011	4	2033	Handi-Hut	Temple	3		1201 E Ave H @ Terrace - Temple
513	22	2011	4	2033	Handi-Hut	Temple	3		100 W French - Temple
514	22	2011	4	2033	Handi-Hut	Temple	3		2900 Country Lane - Temple
515	22	2011	4	2033	Handi-Hut	Temple	3		Loop 363 @ 13th Street - Temple
516	22	2011	4	2033	Handi-Hut	Temple	3		1717 HK Dodgen Loop - KDH - Temple
517	22	2011	4	2033	Handi-Hut	Temple	3		S 31st near Forest Trl - Temple
518	22	2011	4	2033	Handi-Hut	Temple	3		Barton & 7th St - Temple

**Shelters 2016 data for Five Year Replacement Plan**

UNIT #	LIFE CYCLE YEARS	MAN YR	SOGR	REPLMCT DUE YR	MAKE	DESCRIPTION	PRIORITY RATING	ACTION LEVEL	COMMENTS
519	22	2011	4	2033	Handi-Hut	Temple	3		1420 SW KH Dodgen @ 37th
520	22	2011	4	2033	Handi-Hut	Temple	3		1801 S 31st NS Ave R
521	22	2011	4	2033	Handi-Hut	Belton	3		2128 W Main @ E 27nd St
522	22	2011	4	2033	Handi-Hut	Temple	3		415 N 31st @ THS
523	22	2011	4	2033	Handi-Hut	Temple	3		3019 Salsbury @ Parnell
524	22	2011	4	2033	Handi-Hut	Temple	3		1600 Ave R @ 31st
525	22	2011	4	2033	Handi-Hut	Temple	3		1102 S 30th FS @ Ave K
526	22	2011	4	2033	Handi-Hut	Temple	3		904 S 30th @ Ave J
527	22	2011	4	2033	Handi-Hut	Temple	3		2306 Salsbury @ Rogers
530	22	2011	4	2033	Handi-Hut	Temple	3		2- Woodbridge Blvd FS @ Executive
531	22	2011	4	2033	Handi-Hut	Belton	3		Commerce & Industrial
532	22	2011	4	2033	Handi-Hut	Belton	3		Belle Oaks 1
533	22	2011	4	2033	Handi-Hut	Belton	3		Belle Oaks 2
534	22	2012	4	2034	Handi-Hut	Temple	3		1375 Ave R @ 25th
535	22	2012	4	2034	Handi-Hut	Temple	3		917 E Ave H @ Knob
536	22	2012	4	2034	Handi-Hut	Temple	3		501 S 24th @ Ave B
537	22	2012	4	2034	Handi-Hut	Temple	3		2786 MLK @ Village
538	22	2012	4	2034	Handi-Hut	Temple	3		235 Loop 363 @ Temple Towne Center
539	22	2012	4	2034	Handi-Hut	Temple	3		126 S 31st @ Meridian
540	22	2012	4	2034	Handi-Hut	Temple	3		Waters dairy @ Calles Roble
541	22	2012	4	2034	Handi-Hut	Temple	3		Loop 363 @ 61st EB
542	22	2012	4	2034	Handi-Hut	Temple	3		315 N 11th @ Downs
543	22	2012	4	2034	Handi-Hut	Temple	3		Loop 363 @ Market Loop Plaza
544	22	2012	4	2034	Handi-Hut	Temple	3		HEB on Adams
545	22	2012	4	2034	Handi-Hut	Temple	3		3201 W Adams @ Apache
546	22	2012	4	2034	Handi-Hut	Temple	3		2947 W Adams @ Westgate
547	22	2012	4	2034	Handi-Hut	Temple	3		2113 W Adams @ 43rd
548	22	2012	4	2034	Handi-Hut	Temple	3		2904 Salsbury @ Bunker Hill
549	22	2012	4	2034	Handi-Hut	Temple	3		816 E Adams @ 18th
550	22	2012	4	2034	Handi-Hut	Belton	3		Ave J @ Fairway - Belle Oak 3
551	22	2012	4	2034	Handi-Hut	Temple	3		Thornon Ln @ Loop 363
552	22	2012	4	2034	Handi-Hut	Temple	3		SB S 1st Street @ TC
553	22	2012	4	2034	Handi-Hut	Temple	3		NB S 1st Street @ TC
554	22	2012	4	2034	Handi-Hut	Temple	3		202 Woodbridge
T-5	22	2005	4	2027	BRASCO	Temple	3		VA ON FLAG ROW
T-6	22	2005	4	2027	BRASCO	Temple	3		11TH & CALHOUN
1	22	2000	3	2022	BRASCO	YARD	2	3	Yard - Missing Bench, tape residue on glass
2	22	2000	3	2022	BRASCO	YARD	2	3	Yard - Broken roof, missing and broken glass, missing bench
6	22	2005	4	2027	BRASCO	City-K	3		WALMART ON LOWE'S BLVD
7	22	2000	3	2022	BRASCO	YARD	2	3	YARD - broken glass, missing parts
10	22	2000	3	2022	BRASCO	YARD	2	3	Yard - Metalwork bent
11	22	2005	3	2027	BRASCO	YARD	2	3	Yard - Missing bench, missing glass, broken glass
18	22	2005	4	2027	BRASCO	City-HH	3		MILLERS CROSSING (HH CITY HALL)
21	22	2005	3	2027	BRASCO	City-K	2	3	YARD - Missing bench, missing parts
41	22	2011	4	2033	Handi-Hut	City-K	3		2600 Block Trimmer & Bacon Ranch - killeen
70	22	2011	3	2033	Handi-Hut	City-K	2	3	WS Young @ Arkansas SB, NS - Ran Over
89	22	2011	4	2033	Handi-Hut	City-CC	3		Robertson @ Phil
92	22	2011	4	2033	Handi-Hut	City-CC	3		312 Elm Street
528	22	2011	4	2033	Handi-Hut	Temple	3		2402 S 31st FS Scott Blvd
T-1	22	2005	4	2027	BRASCO	Temple	3		SS ADAMS AVE 1 OF 2
T-2	22	2005	4	2027	BRASCO	Temple	3		SS ADAMS AVE 2 OF 2
T-3	22	2005	4	2027	BRASCO	Temple	3		Yard - Employee Break Shelter
T-4	22	2005	4	2027	UNKNOWN	Temple	3		WALMART NEAR TEMPLE MALL
T-7	22	2005	4	2027	BRASCO	Temple	3		Yard - Employee Break Shelter

**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 2016 data for Five Year Replacement Plan**

UNIT #	LIFE CYCLE YEARS	LIFE CYCLE MILES	MAN'F YR	CURRENT MILES	SOGR	REPLMCT DUE YR	REPLMCT DUE MI	DESCRIPTION	PRIORITY RATING	ACTION LEVEL	COMMENTS
01 - Air Compressor	5		1994		2.5	1999	0	UK Temple Shop Air Compressor	2	2	
West 1115HD	5		2001		3	2006	0	Brake Lathe	2	2	
GC1	1		2007		3	2008	0	Precedent Electric Golf Cart	2	2	
FL1	5		2006		3	2011	0	Hyster Forklift	2	2	
Robinair 1	2		2009		3	2011	0	Robinair 34288 A/C Service Machine	2	2	
AC - Vac Pump	2		2010		3	2012	0	Vacuum Pump	2	2	
MIG -Welder 210	2		2010		3.5	2012	0	Thermal Arc	3	3	
Weed Eater	1		2012		5	2013	0	Feather Lite SST25CE	3		
HUB1	2		2012		4	2014	0	Stemco Datatrac	3		
08 - Utility Trailer	5		2010		3	2015	0	Utility Trailer	2	2	
Pressure Wash	2		2013		3	2015	0	Alkota 42000	2	2	
Steam Cleaner	2		2013		3.5	2015	0	Alkota 240	3	3	
Torque Wrench	3		2012		4.5	2015	0	Jonnesway T07701F	3		
VI Refrigerant	5		2010		3.5	2015	0	Yellow Jacket 37880	3	3	
Air Compressor	5		2012		3.5	2017	0	Champion Compressor	3	3	
Air Compressor	5		2012		4	2017	0	FS Curtis Compressor	3		
Bus Wash Bay	5		2013		3.5	2018	0	Bus Wash	3	3	Wash equipment
Fuel Island	5		2013		4	2018	0	Fuel Island	3		Pump equipment
07 - Mobile Column Lift	10		2009		4	2019	0	Maha Mobile Lift	3		
Tire Balancer	5		2016		5	2021	0	John Bean EEWB543A	3		
Tire Changer	5		2016		5	2021	0	John Bean EEWH512BU	3		
Generac	10		2012		4.5	2022	0	Generac Generator	3		
Rotary	10		2012		4	2022	0	Rotary 4000HDL	3		
Fuel Tank	20		2004		4	2024	0	Diesel Fuel Tank	3		
BHQP Yard and Perimeter	15		2013		5	2028	0	Belton Yard	3		Fence related
Fuel Tank	20		2012		4	2032	0	Unleaded Fuel Tank	3		

**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 2016 data for Five Year Replacement Plan**

UNIT #	LIFE CYCLE YEARS	OCCUPANCY YEAR	SOGR	REPLMCT DUE YR	DESCRIPTION	PRIORITY RATING	ACTION LEVEL	COMMENTS
BLDG A	25	2013	5	2038	Admin Bldg	3		
BLDG B	25	2013	5	2038	Shop	3		
BLDG C	20	2013	5	2033	Ready Room	3		

**Priority rating**

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

**Action level**

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

Director of Urban Operations Signature

Date

**Item 7:**

**Annual Project Call for MTP**

**Project Listing**

**Annual Project Call for MTP Project Listing**

**Summary:**

Members of the TAC and TPPB approved conducting an annual project call for adding projects to the MTP. The MTP update for planning horizon 2045 is due in May 2019, which will require a call for projects to occur in August/September 2018. Staff requests guidance on whether to conduct a 2017 project call or wait until the 2018 project call. Resources are available to accommodate both opportunities if so desired.

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

**Item 8:**  
**Public Input**



Technical Advisory Committee  
June 7, 2017

Agenda Item #8

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**Public Input Received through May 31, 2017**

**Summary:**

KTMPO has been collecting public comments received online, via emails, public hearings, meetings, social media accounts, web maps and other forms of communication. We propose to 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 comment received through May 31, 2017 will be presented at Wednesday's meeting.

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

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March 8, 2017



## Commonly Used Transportation Related Acronyms and Terms

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

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

End of Packet