



# **Technical Advisory Committee Meeting**

**April 3, 2019  
9:30 a.m.**

# Agenda





**Killeen-Temple Metropolitan Planning Organization  
Technical Advisory Committee (TAC)  
Wednesday, April 3, 2019  
Central Texas Council of Governments Building  
2180 North Main Street, Belton, Texas 76513**

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

1. Call to Order.
2. Opportunity for Public Comment.(1)
3. Staff Update: Advisory Committees; Air Quality.
4. **Action Item:** Approve minutes from March 6, 2019 meeting.
5. **Action Item:** Recommend approval of Resolution for May 2019 as National Bike Month.
6. **Discussion and Action Item:** Recommend initiation of public involvement process regarding amendments to the 2040 MTP and FY19-22 TIP regarding TxDOT's project W45-01, I-14 Advanced Traffic Management System (ATMS).
7. **Discussion and Action Item:** Recommend approval of amendments to the 2040 Metropolitan Transportation Plan (MTP) and FY19-22 Transportation Improvement Program (TIP) regarding Copperas Cove's project C40-05, FM 116/3046 Sidewalk and Bike Lane Project.
8. **Discussion and Action Item:** Recommend approval of amendments to the 2040 MTP and FY19-22 TIP regarding Temple's project T40-07a, Temple's Outer Loop West Project Phase 1.
9. **Discussion and Action Item:** Recommend approval of amendments to the 2040 MTP regarding Temple's project T40-07b, Temple's Outer Loop West Project Phase 2.
10. **Discussion Item:** Public input received through March 31, 2019.
11. Member comments.
12. 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 KTMPPO 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 KTMPPO Meeting processes or happenings;
  - c. KTMPPO Current, Past or Future MPO Boundary Studies;
  - d. KTMPPO Past or Future Annual Meetings;
  - e. Current, Past or Future KTMPPO 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.

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



**Item 4:**  
**Meeting Minutes**





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

Wednesday March 6, 2019

9:30 AM

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

**Technical Advisory Committee Voting Members**

Cheryl Maxwell—City of Belton  
Bobby Lewis—City of Copperas Cove  
Joseph Molis—City of Harker Heights  
Darrell Burtner for Carol Warlick – HCTD

Jason Deckman for Brian Chandler—City of Temple  
David Olson for Ron Olson—City of Killeen  
Bryan Neaves—Bell County  
Christi Bonham for Victor Goebel—TxDOT Waco

**Additional Attendees**

Caesar Arizpe – City of Killeen  
Mario Perez—Ft. Hood  
Garrick Clemente – Ft. Hood  
Solomon Thomas—TxDOT Waco District  
Katelyn Kasberg—TxDOT Waco District

Erika Karlik—TxDOT Waco District  
Christi Bonham—TxDOT Waco District  
Uryan Nelson—KTMPO  
Sydnee Steelman – KTMPO  
Kendra Coufal – KTMPO

**Meeting Minutes:**

- 1. Call to Order:** Uryan Nelson called the meeting to order at 9:30 a.m.
- 2. Opportunity for Public Comment:** No comments were made by the public.
- 3. Staff Update:** Advisory Committees; Air Quality.

Sydnee Steelman stated that the next Bicycle/Pedestrian Advisory Committee meeting will be held on May 7, 2019 at 9:00 a.m. and the next Planner’s Roundtable meeting will be March 26, 2019 at 9:30 a.m. Air quality readings for the month of February were 52 ppb at the Killeen station and 48 ppb at the Temple station.

- 4. Action Item:** Approve minutes from March 6, 2019 meeting.

**David Olson made a motion to approve January 2, 2019 meeting minutes, seconded by Joseph Molis; the motion passed unanimously.**



**5. Discussion and Action Item:** Recommend initiation of public involvement process regarding amendments to the 2040 Metropolitan Transportation Plan (MTP) and FY19-22 Transportation Improvement Plan (TIP) regarding Copperas Cove's project C40-05, FM 116/3046 Sidewalk and Bike Lane Project.

Sydnee Steelman informed the TAC that amendments are needed to the 2040 MTP and FY19-22 TIP to update the project description due to design constraints. The project originally included ADA compliant sidewalks and bicycle lanes but will now be a shared use path. The amended project will include a shared-use path instead and will maintain a primary focus of safety and connectivity within the region. KTMPO staff recommended the initiation of the 15-day public comment period for the amendment to the 2040 MTP and FY19-22 TIP. Ms. Steelman informed the group that two public forums will occur on March 16, 2019 in Harker Heights and Belton.

**Robert Lewis made a motion to support staff recommendation to initiate the public involvement process for MTP and TIP amendments for projects C40-05, seconded by Jason Deckman; the motion passed unanimously.**

**6. Discussion and Action Item:** Recommendation to initiate the public involvement process for MTP and TIP amendments for Temple's Outer Loop West Project Phase 1, T40-07a.

Kendra Coufal informed the TAC that the project limits for T40-07a will be updated from 522ft. S. of Jupiter Dr. to 454ft. S. of Dove Meadow Blvd to 522ft S. of Jupiter Dr. to 20ft. N. of Riverside Trail. Ms. Coufal stated that there will be two public forums on March 26, 2019 and public involvement will be a 15-day period.

**Joseph Molis made a motion to support staff recommendation for initiating public involvement for T40-07a, seconded by Darrell Burtner; the motion passed unanimously.**

**7. Discussion and Action Item:** Recommendation to initiate the public involvement process for MTP and TIP amendments for Temple's Outer Loop West Project Phase 2, T40-07b.

Kendra Coufal informed the TAC that the project limits for T40-07b will be updated from 454ft. S. of Dove Meadow to IH35S to 20ft. N. of Riverside Trial to IH-35 S. Ms. Coufal stated that there will be two public forums on March 26, 2019 and public involvement will be a 15-day period.

**Jason Deckman made a motion to support staff recommendation for initiating public involvement for T40-07b, seconded by David Olson; the motion passed unanimously.**

**8. Discussion and Action Item:** Recommendation to initiate the public involvement process for 2045 MTP.

Kendra Coufal stated that the updated MTP chapters were available for review on the KTMPO website. She also informed the group that the public involvement process for the 2045 MTP includes a 30-day public comments period and two public forums.

**Darrell Burtner made a motion to support staff recommendation for initiating public involvement for the 2045 MTP, seconded by Robert Lewis; the motion passed unanimously.**

**9. Discussion Item:** TxDOT Quarterly Review of Local Government Projects.

Erika Karlik referred to the TxDOT handout showing various projects and the status of each project. Most KTMPO project are on track for letting. Two projects are currently facing delays for minor reasons.

**10. Discussion Item:** Public input received through February 28, 2019.



Public input received through February 28, 2019 were presented to the TAC.

**11. Member Comments:**

No comments were made.

**12. Adjourn:** The meeting adjourned at 9:45 a.m.

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

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Jim Reed, Interim KTMPO Director



**Item 5:**  
**National Bike Month**



**National Bike Month**

**Summary:**

Since 1956, the League of American Bicyclists have dedicated the month of May as National Bike Month to promote bicycling as a healthy, safe and environmentally-friendly form of transportation.

National Bike Month also includes:

- Bike to School Day on May 8,
- National Bike to Work Week on May 13-19, and
- Bike to Work Day on May 17.

Attached to this meeting packet is a resolution that will be presented to KTMPO Transportation Planning Policy Board in April for supporting National Bike Month and associated events and dates. KTMPO encourages area cities to also support and promote National Bike Month.

**Action Needed:** Recommend approval of Resolution for May 2019 as National Bike Month.



## RESOLUTION NO. 2019-03

### A RESOLUTION OF THE KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION SUPPORTING NATIONAL BIKE MONTH (MAY 2019) AND ASSOCIATED EVENTS AND DATES

**WHEREAS;** The League of American Bicyclists has declared the month of May 2019 as National Bike Month, May 8, 2019 as Bike to School Day; May 13 through May 19, 2019 as Bike to Work Week; and May 17, 2019 as Bike to Work Day; and

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

**WHEREAS;** bicycle commuting is an effective means to reduce air pollution, conserve energy, and promotes the "livability" of communities by reducing traffic, noise, and congestion; and

**WHEREAS;** bicycle transportation is an integral part of the "multi-modal" transportation system planned by federal, state, regional, and local transportation agencies; and

**WHEREAS;** National Bike Month promotions, such as Bike to Work Week/Day and Bike to School Day encourage citizens to ride their bicycles, thereby reducing vehicular emissions in Central Texas;

**NOW, THEREFORE, BE IT RESOLVED** that the Killeen-Temple Metropolitan Planning Organization hereby recognizes and supports the month of May 2019 as National Bike Month, May 8, 2019 as Bike to School Day; May 13 through May 19, 2019 as Bike to Work Week; and May 17, 2019 as Bike to Work Day;

**BE IT FURTHER RESOLVED** that the Killeen-Temple Metropolitan Planning Organization urges all who support bicycling to participate in the events planned and urges all road users to share the road safely with bicyclists.

**PASSED AND ADOPTED** on this 17<sup>th</sup> day of April 2019 at a regular meeting of the Killeen-Temple Metropolitan Planning Organization Transportation Planning Policy Board, which meeting was held in compliance with the Open Meetings Act, Texas Government Code, 511.001, *et seq.*, at which meeting a quorum was present and voting.

**ATTEST:**

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Mayor Tim Davis, Chair

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Jim Reed, KTMO Director



**Item 6:**

**2040 MTP and FY19-22 TIP  
Amendment, W45-01**



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**Amendment to the 2040 MTP and FY19-22 TIP for  
TxDOT I-14 Advanced Traffic Management System (ATMS) Project, W45-01**

**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.

**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.

**Amendment to the 2040 MTP and FY19-22 TIP**

The TxDOT Waco District nomenclature for W45-01 has been consolidated, as well as project limits revised. Project cost will remain the same.

The public involvement process for an MTP and TIP amendment includes a 15-day public comment period and a public forum.

**Tentative Schedule:**

- April 3, 2019—TAC recommends initiation of PI process for MTP and TIP amendments.
- April 17, 2019—TPPB approves Initiation of PI process for MTP and TIP amendments.
- April 20-May 4, 2019—Public Comment Period.
- April TDB— Public forum; time and location TBD.
- May 1, 2019—TAC recommends approval of MTP and TIP amendments.
- May 15, 2019—TPPB approves MTP and TIP amendments.

**Action Needed:** Recommendation to initiate the public involvement process for MTP and TIP amendments for project W45-01, TxDOT I-14 Advanced Traffic Management System (ATMS) Project.





# HIGHWAY PROJECT LISTING

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

FY 2022

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST																																																																							
Waco		0231-07-901	IH 14	2022	C		TxDOT	\$2,230,252																																																																							
<p>LIMITS FROM: Coryell County Line</p> <p>LIMITS TO: SH 195</p> <p>DESCRIPTION: Construction of fiber optics, traffic cameras, and dynamic message boards</p> <p>REVISION DATE: Feb-19</p> <p>MPO ID: W45-01</p> <p>FUNDING CATEGORY: 2M</p> <p>PROJECT HISTORY: MPO Selected Project in December 2018 During the Reprioritization of the MTP</p>																																																																															
<table border="1"> <thead> <tr> <th colspan="2">TOTAL PROJECT COST INFORMATION:</th> <th colspan="2">COST OF APPROVED PHASES:</th> <th colspan="3">AUTHORIZED FUNDING BY CATEGORY</th> </tr> </thead> <tbody> <tr> <td>PRELIMINARY ENGINEERING:</td> <td>\$109,282</td> <td></td> <td></td> <td>FEDERAL:</td> <td>STATE:</td> <td>LOCAL:</td> <td>TOTAL:</td> </tr> <tr> <td>RIGHT OF WAY:</td> <td>\$0</td> <td></td> <td></td> <td>\$1,784,202</td> <td>\$446,050</td> <td>\$0</td> <td>\$2,230,252</td> </tr> <tr> <td>CONSTRUCTION:</td> <td>\$2,230,252</td> <td></td> <td>\$2,230,252</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CONSTRUCTION ENGINEERING:</td> <td>\$89,433</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CONTINGENCIES:</td> <td>\$31,669</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>INDIRECTS:</td> <td>\$0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>BOND FINANCING:</td> <td>\$0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><b>TOTAL PROJECT COST (YOE):</b></td> <td><b>\$2,460,636</b></td> <td></td> <td></td> <td><b>\$1,784,202</b></td> <td><b>\$446,050</b></td> <td><b>\$0</b></td> <td><b>\$2,230,252</b></td> </tr> </tbody> </table>									TOTAL PROJECT COST INFORMATION:		COST OF APPROVED PHASES:		AUTHORIZED FUNDING BY CATEGORY			PRELIMINARY ENGINEERING:	\$109,282			FEDERAL:	STATE:	LOCAL:	TOTAL:	RIGHT OF WAY:	\$0			\$1,784,202	\$446,050	\$0	\$2,230,252	CONSTRUCTION:	\$2,230,252		\$2,230,252					CONSTRUCTION ENGINEERING:	\$89,433							CONTINGENCIES:	\$31,669							INDIRECTS:	\$0							BOND FINANCING:	\$0							<b>TOTAL PROJECT COST (YOE):</b>	<b>\$2,460,636</b>			<b>\$1,784,202</b>	<b>\$446,050</b>	<b>\$0</b>	<b>\$2,230,252</b>
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# HIGHWAY PROJECT LISTING

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

FY 2022

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
Waco	Bell	3534-01-901	IH 14	2022	C		TXDOT	\$621,066
LIMITS FROM: I-14								
LIMITS TO: FM 2410								
DESCRIPTION: Construction of fiber optics, traffic cameras, and dynamic message boards								
REVISION DATE: Feb-19								
MPO ID: W45-01								
FUNDING CATEGORY: 2M								
REMARKS:		PROJECT HISTORY: MPO Selected Project in December 2018 During the Reprioritization of the MTP						
<b>TOTAL PROJECT COST INFORMATION:</b>		<b>AUTHORIZED FUNDING BY CATEGORY</b>						
PRELIMINARY ENGINEERING:	\$30,432	COST OF APPROVED PHASES:		CATEGORY: FEDERAL:		STATE:	LOCAL:	TOTAL:
RIGHT OF WAY:	\$0	\$621,066		2M		\$124,213	\$0	\$621,066
CONSTRUCTION:	\$621,066			TOTAL		\$124,213	\$0	\$621,066
CONSTRUCTION ENGINEERING:	\$24,904							
CONTINGENCIES:	\$8,819							
INDIRECTS:	\$0							
BOND FINANCING:	\$0							
<b>TOTAL PROJECT COST (YOE):</b>	<b>\$685,221</b>							

# HIGHWAY PROJECT LISTING

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

FY 2022

						PROJECT		
DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	SPONSOR	YOE COST
Waco		0231-03-152	IH 14	2022	C		TxDOT	\$6,200,000
LIMITS FROM: Coryell County Line								
LIMITS TO: FM 3423 (Indian Trail)								
DESCRIPTION: Construction of fiber optics, traffic cameras, and dynamic message boards								
REMARKS:								
							REVISION DATE: Feb-19	
							MPO ID: W45-01	
							FUNDING CATEGORY: 2M	
							PROJECT HISTORY: MPO Selected Project in December 2018 During the Reprioritization of the MTP	
<b>TOTAL PROJECT COST INFORMATION:</b>		<b>AUTHORIZED FUNDING BY CATEGORY</b>						
PRELIMINARY ENGINEERING:	\$204,170	COST OF APPROVED PHASES:		CATEGORY:	FEDERAL:	STATE:	LOCAL:	TOTAL:
RIGHT OF WAY:	\$0	\$6,200,000		2M	\$4,960,000	\$1,240,000	\$0	\$6,200,000
CONSTRUCTION:	\$4,166,740			TOTAL	\$4,960,000	\$1,240,000	\$0	\$6,200,000
CONSTRUCTION ENGINEERING:	\$167,086							
CONTINGENCIES:	\$59,167							
INDIRECTS:	\$0							
BOND FINANCING:	\$0							
<b>TOTAL PROJECT COST (YOE):</b>	<b>\$4,597,163</b>							





## 2040 Metropolitan Transportation Plan Project Listing

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

### MPO PROPOSITION 1/CATEGORY 2 PROJECTS (METROPOLITAN CORRIDORS)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding Amounts
W40-01b	2304-07-036-2304-07-040	FM 2410	Row Reynolds Dr to Commercial Drive	Widen from 2 to 4 lane roadway with sidewalks, median and turn lanes incorporating context sensitive design.	N/A	N/A	N/A	\$8,800,000	2017	Yes	N/A	FY15-FY17 MPO Proposition 1: \$17,800,000
W40-02	0231-03-143	US 190	1.0 MI W of FM 2410 to Knights Way	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	N/A	1	N/A	\$9,000,000	2018	Yes	N/A	
W40-06	0231-03-145 0231-04-061	US 190	FM 3423 (Indian Trail) to FM 2410 in W Belton	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	87.45	1	1	\$35,000,000	2019	Yes	H	
C30-03b	0231-02-062	Business US 190 Phase 1	FM 1113 (Avenue D) to Constitution Dr.	Construction of a raised median, bike lane and sidewalk on south side of project, and convert the north outside lane to a shared vehicle and bicycle lane to retain three travel lanes in each direction	81.00	4	4	\$10,000,000	2020	Yes	EJ	FY18-20 Category 2: \$84,000,000
W40-05	0231-04-060	US 190	FM 2410 in W Belton to IH 35	Widen main lanes from 4 to 6 lanes and resurface	83.79	3	3	\$35,000,000	2020	Yes	EI	
W40-04a (1)	2502-01-021	Loop 121 Phase 1a	Take Rd (FM 439) to US 190	Widen from 2 to 4 lane divided roadway with raised median	56.45	14	5	\$28,000,000	2021	Yes	EI, H, P	
W35-07	0320-06-902	NW Loop 363	Louis McClevery to Industrial Blvd	Construct interchange and expand 2 to 4 lanes with frontage roads	72.00	3	1	\$45,000,000	2021	Yes	H	
W35-01	0231-19-003	US 190 Bypass	E of Copperas Cove to 0.5 mi W of Lampasas County Line	Widen from two lanes to four lanes divided and construct interchange	68.27	9	2	\$48,150,000	2021	Yes	L, H,	FY21-22 Category 2: \$127,350,000
W45-01	0231-03-152 0231-07-008 3534-01-013	IH 14 Advanced Traffic Management System 2410	Coryell County Line to FM 2410	Construction of fiber optics, traffic cameras and Dynamic Message Boards	78.33	2	11	\$6,200,000	2022	Yes	EJ, L, H	

### COMBINED CATEGORY 2 AND CATEGORY 7 FUNDS

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
W40-03	0231-03-146	US 190 Turnaround	At Clear Creek Rd	Roadway reconfiguration to improve turning movements (Turnaround)	42.11	42	6	\$4,000,000	2018	No	EJ	FY18-20 Category 2, Funds (\$2,100,000) and Category 7 Funds (\$1,900,000): \$4,000,000

### CATEGORY 4 PROJECTS (STATEWIDE CONNECTIVITY)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
W35-12	0185-01-080	US 190 (Rogers Relief Route)	2.0 MI S of FM 436 in Heidelberg to Milam County Line	Widen from 2 to 4 lane divided rural highway	45.56	36	38	\$62,800,000	2019	Yes	H	FY19 Category 4 Funds: \$62,800,000

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

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
W40-02	0909-36-153	Traffic Circle at Commercial Dr	Intersection of Commercial Dr and Heights Dr	Construct traffic circle at intersection of Commercial Dr and Heights Dr	40	6	5	\$489,249	2018	No	EI	
W30-02	0909-36-156	Rosewood Dr Extension	Riverstone Dr to Chaparral Dr	Construction of a 4 lane roadway with center median with an off-system bridge	38	4	6	\$7,965,049	2018	No	EI, ARZ	FY15-17 Category 7 Funds: \$15,530,684
W40-01	2057-01-009	Main St Connectivity	Ave 1 to US 190 Frontage Rd	Construct ADA bicycle/pedestrian pathways along Main St and under US 190	31	3	3	\$596,386	2018	No	N/A	
T35-24	0909-36-155	Prairie View Road Enhancements	W of SH 317 to N Pea Ridge	Construction of a 4 lane roadway, aligning FM 2483 to Prairie View Rd with a signalized intersection	39	5	4	\$6,480,000	2017	Yes	N/A	





## 2040 Metropolitan Transportation Plan Project Listing

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

### MPO PROPOSITION 1/CATEGORY 2 PROJECTS (METROPOLITAN CORRIDORS)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding Amounts
W15-02b	2304-02-036-2304-02-040	FM 2410	Row Reynolds Dr to Commercial Drive	Widen from 2 to 4 lane roadway with sidewalks, median and turn lanes incorporating contrast sensitive design	N/A	N/A	N/A	\$8,800,000	2017	Yes	N/A	FY15-FY17 MPO Proposition 1: \$17,800,000
W40-02	0231-03-143	US 190	1.0 MI W of FM 2410 to Knights Way	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	N/A	1	N/A	\$9,000,000	2018	Yes	N/A	
W40-06	0231-03-145 0231-04-061	US 190	FM 3423 (Indian Trail) to FM 2410 in W Belton	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	87.45	1	1	\$39,000,000	2019	Yes	H	
G-30-03b	0231-02-062	Business US 190 Phase 1	FM 1113 (Revenue D) to Constitution Dr.	Construction of a raised median, bike lane and sidewalk on south side of project, and convert the north outside lane to a shared vehicle and bicycle lane to retain three travel lanes in each direction	81.00	4	4	\$10,000,000	2020	Yes	EI	FY18-20 Category 2: \$84,000,000
W40-05	0231-04-060	US 190	FM 2410 in W Belton to IH 35	Widen main lanes from 4 to 6 lanes and resurface	83.79	3	3	\$35,000,000	2020	Yes	EI	
W40-04a(1)	2502-01-021	Loop 121 Phase 1a	Lake Rd (FM 433) to US 190	Widen from 2 to 4 lane divided roadway with raised median	56.45	14	5	\$38,000,000	2021	Yes	EI, H, P	
W35-07	0320-06-902	NW Loop 363	Lucius McClevey to Industrial Blvd	Construct interchange and expand 2 to 4 lanes with frontage roads	72.00	3	1	\$45,000,000	2021	Yes	H	
W35-01	0231-19-003	US 190 Bypass	E of Coppertown Cove to 0.5 mi W of Lampasas County Line	Widen from two lanes to four lanes divided and construct interchange	68.27	9	2	\$48,150,000	2021	Yes	L, H	FY21-22 Category 2: \$127,350,000
W45-01	0231-03-152	IH 14 Advanced Traffic Management System	Coryell County Line to FM 3423 (Indian Trail)	Construction of fiber optics, traffic cameras and Dynamic Message Boards	73.33	2	11	\$6,200,000	2022	Yes	E, L, H	

### COMBINED CATEGORY 2 AND CATEGORY 7 FUNDS

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
W40-03	0231-03-146	US 190 Turnaround	At Clear Creek Rd	Roadway reconfiguration to improve turning movements (Turnaround)	42.11	42	6	\$4,000,000	2018	No	EI	FY18-20 Category 2, Funds (\$2,100,000) and Category 7 Funds (\$1,900,000); \$4,000,000

### CATEGORY 4 PROJECTS (STATEWIDE CONNECTIVITY)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
W35-12	0185-01-030	US 190 (Rogers Relief Route)	2.0 MI S of FM 436 in Heidenheimer to Milam County Line	Widen from 2 to 4 lane divided rural highway	45.56	36	38	\$62,800,000	2019	Yes	H	FY19 Category 4 Funds: \$62,800,000

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

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
H40-02	0909-36-153	Traffic Circle at Commercial Dr	Intersection of Commercial Dr and Heights Dr	Construct traffic circle at intersection of Commercial Dr and Heights Dr	40	6	5	\$485,249	2018	No	EI	
E-30-02	0909-36-156	Rosewood Dr Extension	Rosewood Dr to Chaparral Dr	Construction of a 4 lane roadway with center median with an off-system bridge	38	4	6	\$7,965,049	2018	No	EI, ARZ	FY15-17 Category 7 Funds: \$15,530,684
H40-01	2057-01-009	Main St Connectivity	Ave 1 to US 190 Frontage Rd	Construct ADA bicycle/pedestrian pathways along Main St and under US 190	31	3	3	\$596,386	2018	No	N/A	
E35-24	0909-36-155	Prairie View Road Enhancements	W of SH 317 to N Poca Ridge	Construction of a 4 lane roadway, aligning FM 2483 to Prairie View Rd with a signalized intersection	39	5	4	\$6,480,000	2017	Yes	N/A	



**Item 7:**

**2040 MTP and FY19-22 TIP  
Amendment, C40-05**



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**Amendment to the 2040 MTP and FY19-22 TIP for  
Copperas Cove FM116/3046 Sidewalk and Bike Lane Project, C40-05**

**Amendment to the 2040 MTP and FY19-22 TIP**

In 2017, the City of Copperas Cove was awarded Category 7 funds for project C40-05, FM116/3046 Sidewalk and Bike Lane Project. This project consisted of constructing ADA compliant sidewalks and bike lanes. The estimated project cost is \$975,000.

Amendments are needed to the 2040 MTP and FY19-22 TIP to update the project description due to design constraints. The project limits and estimated cost will remain the same.

CSJ 3128-01-013

- **Original Description:** Construct ADA compliant sidewalks and bike lanes.
- **New Description:** Construct ADA shared use path.

CSJ 3131-01-007

- **Original Description:** Construct ADA compliant sidewalks and bike lanes.
- **New Description:** Construct ADA shared use path and pedestrian sidewalk.

After the approval of the TPPB at their March 20<sup>th</sup> meeting, the MTP and TIP amendment underwent a 15-day public comment period and public forum during which no comments were made.

**Tentative Schedule:**

- March 6, 2019—TAC recommends initiation of PI process for MTP and TIP amendments.
- March 20, 2019—TPPB approves Initiation of PI process for MTP and TIP amendments.
- March 23-April 6, 2019—Public Comment Period.
- March 26, 2019 – Public forum; time and location TBD.
- **April 3, 2019—TAC recommends approval of MTP and TIP amendments.**
- April 17, 2019—TPPB approves MTP and TIP amendments.

**Action Needed:** Recommend approval for MTP and TIP amendments for project C40-05, Copperas Cove FM116/3046 Sidewalk and Bike Lane Project.



# HIGHWAY PROJECT LISTING

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

FY 2019

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
WACO	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 REVISION DATE: Aug-17 MPO ID: C40-05 FUNDING CATEGORY: 7 PROJECT HISTORY:								
REMARKS: August 2017 KTMPPO selected project								
<b>TOTAL PROJECT COST INFORMATION:</b> PRELIMINARY ENGINEERING: \$43,000 RIGHT OF WAY: \$819,000 CONSTRUCTION: \$43,000 CONSTRUCTION ENGINEERING: \$10,000 CONTINGENCIES: INDIRECTS: BOND FINANCING:			<b>COST OF APPROVED PHASES:</b> \$819,000			<b>AUTHORIZED FUNDING BY CATEGORY</b> CATEGORY: FEDERAL: \$655,200 STATE: \$163,800 LOCAL: \$0 LOCAL CONT: \$0 TOTAL: \$819,000		
<b>TOTAL PROJECT COST (YOE):</b> \$915,000								

# HIGHWAY PROJECT LISTING

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

FY 2019

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 shared use path REVISION DATE: May-19 MPO ID: C40-05 FUNDING CATEGORY: 7 PROJECT HISTORY:								
REMARKS: August 2017 KTMPO selected project								
TOTAL PROJECT COST INFORMATION:			COST OF APPROVED PHASES:			AUTHORIZED FUNDING BY CATEGORY		
PRELIMINARY ENGINEERING:	\$43,000					FEDERAL:	\$655,200	
RIGHT OF WAY:						STATE:	\$163,800	
CONSTRUCTION:	\$819,000					LOCAL:	\$0	
CONSTRUCTION ENGINEERING:	\$43,000					TOTAL:	\$819,000	
CONTINGENCIES:	\$10,000							
INDIRECTS:								
BOND FINANCING:								
TOTAL PROJECT COST (YOE):			\$915,000					



# HIGHWAY PROJECT LISTING

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

FY 2019

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
WACO	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 KTMPO selected project								
<b>TOTAL PROJECT COST INFORMATION:</b> PRELIMINARY ENGINEERING: \$23,000 RIGHT OF WAY: \$156,000 CONSTRUCTION: \$23,000 CONTINGENCIES: \$5,000 INDIRECTS: BOND FINANCING:			<b>COST OF APPROVED PHASES:</b> \$156,000			<b>AUTHORIZED FUNDING BY CATEGORY</b> CATEGORY: FEDERAL: \$124,800 STATE: \$31,200 LOCAL: \$0 LOCAL CONT: \$0 TOTAL: \$156,000		
<b>TOTAL PROJECT COST (YOE): \$207,000</b>								

# HIGHWAY PROJECT LISTING

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

FY 2019

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST																		
WACO	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 shared use path and pedestrian sidewalk REVISION DATE: May-19 MPO ID: C40-05 FUNDING CATEGORY: 7 PROJECT HISTORY:																										
REMARKS: August 2017 KTMPO selected project																										
<b>TOTAL PROJECT COST INFORMATION:</b> PRELIMINARY ENGINEERING: \$23,000 RIGHT OF WAY: \$156,000 CONSTRUCTION: \$23,000 CONSTRUCTION ENGINEERING: \$5,000 CONTINGENCIES: INDIRECTS: BOND FINANCING:			<b>COST OF APPROVED PHASES:</b> \$156,000																							
<b>TOTAL PROJECT COST (YOE):</b>			<b>\$207,000</b>																							
<b>AUTHORIZED FUNDING BY CATEGORY</b>			<table border="1"> <thead> <tr> <th>CATEGORY:</th> <th>FEDERAL:</th> <th>STATE:</th> <th>LOCAL:</th> <th>LOCAL CONT:</th> <th>TOTAL:</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>\$124,800</td> <td>\$31,200</td> <td>\$0</td> <td>\$0</td> <td>\$156,000</td> </tr> <tr> <td><b>TOTAL</b></td> <td><b>\$124,800</b></td> <td><b>\$31,200</b></td> <td><b>\$0</b></td> <td><b>\$0</b></td> <td><b>\$156,000</b></td> </tr> </tbody> </table>						CATEGORY:	FEDERAL:	STATE:	LOCAL:	LOCAL CONT:	TOTAL:	7	\$124,800	\$31,200	\$0	\$0	\$156,000	<b>TOTAL</b>	<b>\$124,800</b>	<b>\$31,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$156,000</b>
CATEGORY:	FEDERAL:	STATE:	LOCAL:	LOCAL CONT:	TOTAL:																					
7	\$124,800	\$31,200	\$0	\$0	\$156,000																					
<b>TOTAL</b>	<b>\$124,800</b>	<b>\$31,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$156,000</b>																					





## 2040 Metropolitan Transportation Plan Project Listing

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

MPO PROPOSITION 1/CATEGORY 2 PROJECTS (METROPOLITAN CORRIDORS)												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding Amounts
W15-02b	2007-07-016-2004-02-280	FM 2410	From Reynolds Dr to Commercial Drive	Widen from 2 to 4 lane roadway with sidewalks, median and turn lanes incorporating construct roadside design.	N/A	N/A	N/A	\$4,800,000	2017	Yes	N/A	FY15-FY17 MPO Proposition 1: \$17,800,000
W40-07	0231-03-143	US 190	1.0 MI W of FM 2410 to Southwest Way	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	N/A	1	N/A	\$9,000,000	2018	Yes	N/A	
W40-06	0231-03-145	US 190	FM 3423 (Indian Trail) to FM 2410 on W Beltway	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	87.45	1	1	\$39,000,000	2019	Yes	H	
C-N-01b	0231-07-062	Business US 190 Phase 1	FM 1113 (Avenue O) to Constitution Dr.	Construction of a raised median, bike lane and sidewalk on north side of project, and convert the north outside lane to a shared vehicle and bicycle lane to retain three travel lanes in each direction	81.00	4	4	\$10,000,000	2020	Yes	EJ	FY18-20 Category 2: \$64,000,000
W40-05	0231-04-060	US 190	FM 2410 on W Beltway to IH 35	Widen main lanes from 4 to 6 lanes and resurface	81.79	3	3	\$35,000,000	2020	Yes	EJ	
W40-04a(1)	2602-01-021	Loop 121 Phase 1a	State Rd (FM 435) to US 190	Widen from 2 to 4 lane divided roadway with raised median	56.45	14	5	\$26,000,000	2021	Yes	E, H, P	
W15-07	0330-06-902	NW Loop 163	Lucas ACC (Levy) to Industrial Blvd	Construct interchange and expand 2 to 4 lanes with frontage roads.	72.00	3	1	\$45,000,000	2021	Yes	H	
W15-01	0231-19-001	US 190 Bypass	E of Coppens Cove to 6.5 mi W of Lampasas County Line	Widen from two lanes to four lanes divided and construct interchange	68.27	9	2	\$48,150,000	2021	Yes	L, H	FY17-22 Category 2: \$172,500,000
W15-01	0231-03-152	IH 14 Advanced Traffic Management System	City of County Line to FM 2410	Construction of fiber optics, traffic cameras, and Dynamic Message Boards.	73.33	2	11	\$6,200,000	2022	Yes	E, L, H	
COMBINED CATEGORY 2 AND CATEGORY 7 FUNDS												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
W40-03	0231-03-146	US 190 Turnaround	At Clear Creek Rd	Roadway reconfiguration to improve turning movements (Turnaround)	42.11	42	6	\$4,000,000	2018	No	EJ	FY18-20 Category 2: Funds (\$2,100,000) and Category 7 Funds (\$1,900,000): \$4,000,000
CATEGORY 4 PROJECTS (STATEWIDE CONNECTIVITY)												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
W15-17	0185-01-030	US 190 (Rogers Relief Road)	2.0 MI S of FM 435 in Henderson to Adams County Line	Widen from 2 to 4 lane divided rural highway	45.56	36	58	\$62,800,000	2019	Yes	H	FY19 Category 4 Funds: \$62,800,000
CATEGORY 7 PROJECTS (SURFACE TRANSPORTATION PROGRAM-METROPOLITAN MOBILITY)												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
H40-02	0909-36-153	Traffic Circle at Commercial Dr	Intersection of Commercial Dr and Heights Dr	Construct traffic circle at intersection of Commercial Dr and Heights Dr	40	6	5	\$483,249	2018	No	EJ	
E30-02	0909-36-156	Revised Dr Extension	Rivertime Dr to Chaparral Dr	Construction of a 4 lane roadway with center median with an off-system bridge	38	4	6	\$7,965,049	2018	No	EJ, ARZ	FY15-17 Category 7 Funds: \$15,530,084
N40-01	2057-01-020	Main St Connectivity	Ave 1 to US 190 Frontage Rd	Construct ADA, bicycle/pedestrian pathways along Main St and under US 190	31	3	3	\$796,386	2018	No	N/A	
L15-24	0909-36-155	Prairie View Road Enhancements	W of SH 337 to H Per Bridge	Construction of a 4 lane roadway, signing, FM 2483 to Prairie View Rd with a signalized intersection	39	5	4	\$6,400,000	2017	Yes	N/A	



KTMPO ID	CSI Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
640 J2	0816-02-023	161135	0.1 MI NW of FM 4470 to 0.1 MI S of FM 1320	Turnaround underpass for northbound and southbound traffic on SH 195 frontage road and FM 1320 (Ryan Schaefer)	42.68	41	7	\$600,000	2019	Yes	EI	
H15-01	0211-01-147	US 190 at FM 2410	East Central Dr to 190 W to East Central Dr to 190 East	Construction of a west to east turn lane at FM 2410	67.11	6	8	\$5,000,000	2020	Yes	N/A	
640 J2	1515-02-058	1314 St Sidewalks (E M1241)	Maitlandwood Park	Installation of E sidewalks on both sides of FM 1241	94.35	1	1	\$500,000	2019	Yes	N/A	
640 J5	0114-01-039	Adams Ave/Central Ave Bicycle/Pedestrian Improvements	MI 35 to MKC Jr Blvd Spur 290	Construct shared use path for pedestrian and bicyclist	97.00	2	2	\$1,300,000	2019	Yes	EI, H	
640 J5	1118-01-013	FM 1146 & 3045 Sidewalks	Business 1301 to 2000 St	Construct ADA compliant sidewalks and bike lanes	77.88	5	4	\$975,000	2019	Yes	H, P	FY18-20 Category 7 Funds: \$11,976,936
640 J4	0909-36-111	The Narrows (Charles, Tilman Way)	Charles Tilman Way from Elmwood Way to Elmwood Blvd	Construct shared use path for pedestrian and bicyclist	70.33	11	6	\$170,000	2020	No	EI, H	
640 J4	2116-01-020	Sabak Phase 2 Dr to College	Sabak Phase 2 Dr to College	Make St. improvements to include lighting, sidewalks, B. signage for bicycles	81.01	3	7	\$1,616,956	2018	No	H, ABZ, TS	
640 J5	0909-36-162	West Replacement Project	Midco (North End)	Purchase Buses	N/A	N/A	N/A	\$1,415,000	2018	N/A	N/A	
640 J2	0909-36-901	Temple Dairy Loop West Phase 1	522 Ft. South of Jupiter to 454 Ft. South of Dove Meadow Blvd	Widen from 2 to 4 lanes divided roadway and curb and gutter, Phase 1	64.67	17	4	\$10,298,198	2021	No	P, H	
N40-04	0909-36-901	NotAnnie-City Park Connectivity	Park (North Mesquite) along Ave H to 10th Street	Construct 10' sidewalk, ADA ramps, and crosswalks; widen pavement by 37' with curb and gutter	72.34	6	3	\$1,558,802	2021	No	P	
A45-01	0909-36-905	HICID Fleet Replacement Project	Hill Country Transit, Killpen USA, Two, Temple USA-One	Purchase Buses to Provide Transportation	N/A	N/A	N/A	\$1,145,000	2021	N/A	N/A	FY17-17 Category 7 Funds: \$1,602,000

**COMBINED CATEGORY 7 AND MPO CATEGORY 9 PROJECTS**

KTMPO ID	CSI Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
640 J4	0909-36-111	The Narrows (Construction Drive)	Contribution Dr from Brown Ave to 0.2 MI S Martin Luther King Jr Blvd	Construction of sidewalks for pedestrian/bicycle uses	72.38	8	9	\$650,000	2020	No	EI, H	FY 18-20 Category 7 (\$360,000) and Category 9 (\$490,000): \$650,000

**MPO CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE PROGRAM)**

KTMPO ID	CSI Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
640 J1	0909-36-160	Heritage Oaks Bike and Bike-Trail Segment 3A	Recessed Dr from Herlock Dr to Payne Dr	Construction of a bike and bike trail with lighting	23	1	1	\$600,000	2018	No	EI, ABZ	FY15-17 Category 9 Funds: \$600,000
640 J4	0909-36-132	The Narrows (Bike at Old Cooperas Cove Rd)	RG III Blvd from Contribution Dr to Old Cooperas Cove Rd at Contribution Dr	Construct sidewalks for pedestrian/bicycle use	70.87	9	10	\$680,000	2020	No	EI, H	FY18-20 Category 9 Funds: \$680,000
645-01	0909-36-169	13th Avenue Sidewalk & Shared Use Path	Man St (MI 3121) to Waco Blvd (FM 817)	Construct 5' sidewalks on the north side of 13th Ave from Man St to Waco Blvd to 10' SBP from Waco Blvd to Waco Rd	72.16	7	4	\$437,611	2021	No	P	FY17-17 Category 9 Funds: \$437,611

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

KTMPO ID	CSI Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
640 J4	0909-36-157	Chesler Trail Corridor Bike and Bike-Trail Segment 8	University Blvd 10.5 miles south of Condon Way to Highway 10 in north of Sparta Rd	Construct sidewalks and shared use path widths vary from 8 ft to 10 ft, includes landscaping and lighting	N/A	N/A	N/A	\$2,670,615	2018	No	N/A	FY15 Statewide TAP Funds: \$6,118,879
640 J1	0909-36-152	Kilren Heritage Oaks, Haze and Bike Trail Segment 4	Elkton Dr to Chaparral Rd	Construct shared use path for pedestrian and bicyclist	N/A	N/A	N/A	\$3,448,284	2017	No	EI, ABZ	
640 J5	0909-36-163	Benton Hike and Bike Trail Extension South (South Benton Shared Use Path)	MI 35 from FM 436 to Confederate Park Drive	Construct 17 ft wide bike and bike trail. Project will extend along FM 436, MI 35 northbound frontage road and Confederate Park Drive	N/A	N/A	N/A	\$1,993,530	2020	No	EI, P	FY17 TASA Funds: \$1,790,570

**GROUPED PROJECTS**

KTMPO ID	CSI Number	Project Name	Project Limits	Project Description	FY2017-2020 TP	FY2018-2022 TP
601-EE	Various CSIs	Preventative Projects	Various Locations	Various Descriptions	\$12,579,008	\$0
601-ME	Various CSIs	Maintenance Projects	Various Locations	Various Descriptions	\$17,602,002	\$0,000,216
601-ER	Various CSIs	Bridge Projects	Various Locations	Various Descriptions	\$3,125,284	\$1,400,000
605-SA	Various CSIs	Safety Projects	Various Locations	Various Descriptions	\$497,599	\$2,000,079





## 2040 Metropolitan Transportation Plan Project Listing

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

MPO PROPOSITION 1/CATEGORY 2 PROJECTS (METROPOLITAN CORRIDORS)												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding Amounts
W15-07b	2934.07.016.2.304 02.050	FM 2410	Ray Reynolds Dr to Commercial Drive	Widen from 2 to 4 lane roadway with sidewalks, median and turn lanes incorporating construct residential design.	N/A	N/A	N/A	\$8,800,000	2017	Yes	N/A	FY15 FY16 MPO Proposition 1: \$17,800,000
W40-02	0231.01.143	US 190	1.07 MA W of FM 2410 to Kingsley Way	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments.	N/A	1	N/A	\$9,000,000	2018	Yes	N/A	
W40-06	0231.01.145 0231.04.061	US 190	FM 3423 (Jordan Trail) to FM 2410 in W. Barton	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments.	87.45	1	1	\$39,000,000	2019	Yes	H	
E-30-03b	0231.02.062	Business US 190 Phase 1	FM 1113 (Avenue D) to Constitution Dr.	Construction of a raised median, bike lane and sidewalk on south side of project, and convert the north outside lane to a shared outside and bicycle lane to retain three travel lanes in each direction.	81.00	4	4	\$10,000,000	2020	Yes	EJ	FY18-20 Category 2: \$84,000,000
W40-05	0231.04.062	US 190	FM 2410 in W. Barton to H US	Widen main lanes from 4 to 6 lanes, and resurface.	83.79	3	3	\$15,000,000	2020	Yes	EJ	
W40-04.1(1)	2652.01.021	Loop 121 Phase 1a	Lake Rd (FM 4370) to US 190	Widen from 2 to 4 lane divided roadway with raised median.	56.45	14	5	\$28,000,000	2021	Yes	E, L, H, P	
W15-07	0330.06.560	NW Loop 363	Loop 363 to Industrial Blvd	Construct interchange and expand 2 to 4 lanes with frontage roads.	72.00	3	1	\$45,000,000	2021	Yes	H	
W15-01	0231.19.003	US 190 Bypass	E of Copperas Cove to D. S. W. of Lampasas County Line	Widen from two lanes to four lanes divided and construct interchange.	68.27	9	2	\$48,150,000	2021	Yes	L, H	FY21-22 Category 2: \$173,500,000
W15-01	0231.01.152 0231.01.008 0231.01.033	PH 14 Advanced Traffic Management System	Georgetown Line to FM 2410	Construction of Fiber optics, traffic cameras and Dynamic Message Boards.	73.33	2	11	\$6,200,000	2022	Yes	E, L, H	

### COMBINED CATEGORY 2 AND CATEGORY 7 FUNDS

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
W40-03	0231-03-146	US 190 Turnaround	At Clear Creek Rd	Roadway reconfiguration to improve turning movements (Turnaround)	42.11	42	6	\$4,000,000	2018	No	EJ	FY18-20 Category 2 Funds: \$2,100,000 and Category 7 Funds: (\$1,900,000); \$4,000,000

### CATEGORY 4 PROJECTS (STATEWIDE CONNECTIVITY)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
W15-17	0185.01.030	US 190 (Rogers Bypass Route)	2.03 MA S of FM 436 to Henderson to Main County Line	Widen from 2 to 4 lane divided road highway	45.56	36	38	\$62,800,000	2019	Yes	H	FY19 Category 4 Funds: \$62,800,000

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

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
W40-07	0909.36.153	Traffic Circle at Commercial Dr	Intersection of Commercial Dr and Heights Dr	Construct traffic circle at intersection of Commercial Dr and Heights Dr	40	6	5	\$483,249	2018	No	EJ	
E-30-02	0909.36.156	Renwood Dr Extension	Renwood Dr to Church Dr	Construction of a 4 lane roadway with center median with an off-system bridge	38	4	6	\$7,965,849	2018	No	EJ, A&Z	FY15-17 Category 7 Funds: \$15,530,644
W40-01	2057.01.009	Main St Connectivity	Avenue 15a US 190 Bypass Rd	Construct ADA bicycle/pedestrian pathways along Main St and under US 190	31	3	3	\$596,386	2018	No	N/A	
W15-24	0909.36.155	Pringle View Road Enhancements	W of SH 112 to W. Price Blvd	Construction of a 4 lane roadway, aligning FM 2183 to Pringle View Rd with a signalized intersection.	19	5	4	\$6,480,000	2017	Yes	N/A	







**Item 8:**

**2040 MTP and FY19-22 TIP  
Amendment, T40-07a**



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**Amendment to the 2040 MTP and FY19-22 TIP for  
Temple's Outer Loop West Project Phase 1, T40-07a**

**Amendment to the 2040 MTP and FY19-22 TIP**

In 2018, the City of Temple was awarded Category 7 funds for project T40-07a, Temple Outer Loop West Project, Phase 1. This project consists of widening the roadway from 2 to 4 lanes divided with curb and gutter. The estimated project cost is \$10,298,198.

Amendments are needed to the 2040 MTP and FY19-22 TIP to update the project limits. The project cost will remain the same.

- **Original Limits:** 522ft. S. of Jupiter Dr. to 454ft. S. of Dove Meadow Blvd.
- **New Limits:** 522ft. S. of Jupiter Dr. to 20ft. N. of Riverside Trail

After the approval of the TPPB at their March 20<sup>th</sup> meeting, the MTP and TIP amendment underwent a 15-day public comment period and public forum during which no comments were made.

**Tentative Schedule:**

- March 6, 2019—TAC recommends initiation of PI process for MTP and TIP amendments.
- March 20, 2019—TPPB approves Initiation of PI process for MTP and TIP amendments.
- March 23-April 6, 2019—Public Comment Period.
- March 26, 2019 – Public forum; time and location TBD.
- **April 3, 2019—TAC recommends approval of MTP and TIP amendments.**
- April 17, 2019—TPPB approves MTP and TIP amendments.

**Action Needed:** Recommend approval of MTP and TIP amendments for Temple's Outer Loop West Project Phase 1, T40-07a.



# HIGHWAY PROJECT LISTING

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

FY 2021

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

LIMITS FROM: Dr 522 ft S. of Jupiter

LIMITS TO: 454 ft S. of Dove Meadow Blvd.

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

REMARKS:

REVISION DATE: Feb-19

MPO ID: T40-07a

FUNDING CATEGORY: 7

PROJECT HISTORY:

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

TOTAL PROJECT COST INFORMATION:		COST OF APPROVED PHASES:	
PRELIMINARY ENGINEERING:	\$549,223	FEDERAL:	\$8,238,558
RIGHT OF WAY:	\$0	STATE:	\$0
CONSTRUCTION:	\$11,208,648	LOCAL:	\$2,059,640
CONSTRUCTION ENGINEERING:	\$554,828	TOTAL:	\$10,298,198
CONTINGENCIES:	\$112,086		
INDIRECTS:	\$0		
BOND FINANCING:	\$0		
<b>TOTAL PROJECT COST (YOE):</b>	<b>\$12,424,765</b>		

# HIGHWAY PROJECT LISTING

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

FY 2021

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
Waco	Bell	0909-36-168	CS	2021	C	Temple	Temple	\$10,298,198
<p>LIMITS FROM: Dr 522 ft S. of Jupiter</p> <p>LIMITS TO: 20 ft. N of Riverside Trail</p> <p>DESCRIPTION: Widen from 2 to 4 lanes divided roadway and curb and gutter, Phase 1</p> <p>REVISION DATE: May-19</p> <p>MPO ID: T40-07a</p> <p>FUNDING CATEGORY: 7</p> <p>PROJECT HISTORY: MPO Selected Project in December 2018 During the Reprioritization of the MTP</p> <p>REMARKS:</p>								
<b>TOTAL PROJECT COST INFORMATION:</b>				<b>AUTHORIZED FUNDING BY CATEGORY</b>				
PRELIMINARY ENGINEERING:	\$549,223	<b>COST OF APPROVED PHASES:</b>		CATEGORY: 7	FEDERAL: \$8,238,558	STATE: \$0	LOCAL: \$2,059,640	TOTAL: \$10,298,198
RIGHT OF WAY:	\$0			TOTAL	\$8,238,558	\$0	\$2,059,640	\$10,298,198
CONSTRUCTION:	\$11,208,648	\$10,298,198						
CONSTRUCTION ENGINEERING:	\$554,828							
CONTINGENCIES:	\$112,086							
INDIRECTS:	\$0							
BOND FINANCING:	\$0							
<b>TOTAL PROJECT COST (YOE):</b>	<b>\$12,424,785</b>							





## 2040 Metropolitan Transportation Plan Project Listing

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

MPO PROPOSITION 1/CATEGORY 2 PROJECTS (METROPOLITAN CORRIDORS)												
KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding Amounts
W03-02	0211-01-204	FM 2410	Ray Reynolds Dr to Commercial Drive	Widen from 2 to 4 lane roadway with sidewalks, median and turn lanes incorporating compact sensitive design.	N/A	N/A	N/A	\$8,800,000	2017	Yes	N/A	FY15-FY18 MPO Proposition 1: \$12,800,000
W04-02	0211-01-143	US 190	1.0 MI W of FM 2410 to Knights Way	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments.	N/A	1	N/A	\$7,000,000	2018	Yes	N/A	
W04-06	0211-01-145	US 190	FM 3423 (Jordan Trail) to FM 2410 in W. Belton	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments.	87.45	1	1	\$75,000,000	2019	Yes	H	
W05-01	0211-01-067	Business US 190 (Fwy 41)	FM 1113 (Avenue D) to Constellation Dr.	Construction of a raised median, bike lane and sidewalk on south side of project, and convert the north outside lane to a shared vehicle and bicycle lane to retain three travel lanes in both direction.	81.00	4	4	\$10,000,000	2020	Yes	EJ	FY18-20 Category 2: \$84,000,000
W04-05	0211-04-060	US 190	FM 2410 in W. Belton to IH 35	Widen main lanes from 4 to 6 lanes, and resurface.	83.79	3	3	\$15,000,000	2020	Yes	EJ	
W04-04(1)	1901-01-071	Loop 171 Phase 1a	Loop 171 (FM 4370) to US 190	Widen from 2 to 4 lane divided roadway with raised median.	56.45	14	5	\$78,000,000	2021	Yes	E, L, H, P	
W05-07	0120-06-902	FM Loop 86A	Lovins McClevey to Industrial Blvd	Construct interchange and expand 2 to 4 lanes with frontage roads.	72.00	3	1	\$45,000,000	2021	Yes	H	
W05-01	0211-19-003	US 190 bypass	E of Coppers Cove to 0.5 mi W of Lampasas County line	Widen from two lanes to four lanes, divided and construct interchange.	68.27	9	2	\$48,150,000	2021	Yes	L, H	FY21-22 Category 2: \$127,350,000
W05-01	0211-01-152 0211-07-008 3034-01-013	IH 14 Advanced Traffic Management System	Coryell County Lane to FM 2410	Construction of fiber optics, traffic cameras and Dynamic Message Boards.	73.33	2	11	\$6,300,000	2022	Yes	E, L, H	

### COMBINED CATEGORY 2 AND CATEGORY 7 FUNDS

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
W04-03	0211-03-146	US 190 Turnaround	At Clear Creek Rd	Roadway reconfiguration to improve turning movements. (Turnaround)	42.11	42	6	\$4,000,000	2018	No	EJ	FY18-20 Category 2: Funds: (\$2,100,000) and Category 7 Funds: (\$1,900,000); \$4,000,000

### CATEGORY 4 PROJECTS (STATEWIDE CONNECTIVITY)

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
W05-12	0185-01-030	US 190 (Rogers Relief Route)	2.0 MI S of FM 435 in Heilsheimer to MAM County Line	Widen from 2 to 4 lane divided rural highway.	41.56	36	38	\$62,800,000	2019	Yes	H	FY19 Category 4 Fund: \$62,800,000

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

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
W04-02	0909-36-153	Traffic Circle at Commercial Dr	Intersection of Commercial Dr and Heights Dr.	Construct traffic circle at intersection of Commercial Dr and Heights Dr.	40	6	5	\$483,249	2018	No	EJ	
W04-02	0909-36-156	Reynolds Dr Extension	Reynolds Dr to Chaparral Dr	Construction of a 4 lane roadway with center median with an off-system bridge.	38	4	6	\$7,965,049	2018	No	E, ARZ	FY15-17 Category 7 Fund: \$15,330,644
W04-01	2057-01-009	MAM St Connectivity	Ave Lee US 190 Frontage Rd	Construct ADA bicyclist/pedestrian pathways along Main St and under US 190.	31	3	3	\$596,386	2018	No	N/A	
W05-24	0909-36-155	Prague View Road Enhancements	W of SH 317 to N Fox Ridge	Construction of a 4 lane roadway -aligning FM 2483 to Prague View Rd with a signalized intersection.	19	5	4	\$6,480,000	2017	Yes	N/A	



KT/MPO ID	CSI Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
640 27 <sup>1</sup>	0835-02-073	SR 195	0.1 MI N of FM 3400 to 0.1 MI S of FM 3420	Transported underpass for northbound and southbound traffic on SR 195 (overage path) and FM 3420 (Sean Schaefer)	42.68	41	7	\$800,000	2019	Yes	EI	
1033-01	0711-01-147	East Central 1.5 Flyway to East Central 1.5 Flyway East	East Central 1.5 Flyway East	Construction of a street for east turn-around at FM 2219	67.11	6	8	\$5,000,000	2020	Yes	N/A	
140 12	0835-02-078	1315 St Sidewalks (H141741)	1315 St Sidewalks (H141741)	Installation of 6' sidewalks on both sides of FM 1241	94.95	1	1	\$500,000	2019	Yes	N/A	
140 15	0212-01-053	Adams Ave/F Central Ave. Bicycle/Pedestrian Improvements	Adams Ave/F Central Ave. Bicycle/Pedestrian Improvements	Construct shared use path for pedestrian and bicyclists	92.00	2	2	\$1,300,000	2019	Yes	EI, H	
640 09	1311-01-007	FM 116 & 2045 Sidewalks	Business 180 to Dobson St	Construct ADA compliant sidewalks and bike lanes	77.88	5	4	\$975,000	2019	Yes	H, P	FY18-20 Category 7 Funds: \$11,976,956
640 046	0909 36-133	The Harrows (Charles Tillman Way)	Charles Tillman Way from Constitution Dr to Charles Tillman Way Dr to 10th Blvd	Construct shared use path for pedestrian and bicyclists	70.37	11	6	\$170,000	2020	No	EI, H	
540 043	2136-01-020	Main St Sidewalks Phase 1	Main St Sidewalks Phase 1	Main St improvements to include lighting, sidewalks, & utility for bicycles	81.01	3	7	\$1,616,756	2018	No	H, ARZ, ES	
640 15	0909 36-162	Street Replacement Project	10th Dr (North End) - Adams UZA	Purchase Buses	N/A	N/A	N/A	\$1,615,000	2018	N/A	N/A	
640 07a	0909 36-903	Temple Outer Loop West Phase 1	1277 St South of Jupiter to 1547 St South of Dove Meadow Blvd	Widen from 2 to 4 lanes divided roadway and curb and gutter, Phase 1	64.67	17	4	\$10,298,108	2021	No	P, H	
N40 04	0909 36-901	Holowade City Park Connectivity	Park (North West) along Ave H to 10th Street	Construct 10' sidewalk, ADA ramps, and crosswalks; widen pavement by 32" with curb and gutter	72.34	6	3	\$1,598,807	2021	No	P	FY21-22 Category 7 Funds: 11,002,000
A45 01	0909 36-905	HCTD Fleet Replacement Project	14th Country Transit, Wilburn UZA, Two Temple UZA, One	Purchase Buses to Provide Transportation	N/A	N/A	N/A	\$1,155,000	2021	N/A	N/A	

**COMBINED CATEGORY 7 AND MPO CATEGORY 9 PROJECTS**

KT/MPO ID	CSI Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
640 04a	0909 36-131	The Harrows (Consultation Drive)	Constitution Dr from Brewery Ave to 0.2 MI S Main Luther King Jr Blvd	Construction of sidewalks for pedestrian/bicyclists	77.78	8	9	\$850,000	2020	No	EI, H	FY 18-20 Category 9 Funds: \$490,000; \$850,000

**MPO CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE PROGRAM)**

KT/MPO ID	CSI Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
640 23	0909 36-160	Heritage Oaks Bike and Bike Trail Segment 3A	Heritage Oaks Bike and Bike Trail Segment 3A	Construction of a bike and bike trail with lighting	23	1	1	\$800,000	2018	No	EI, ARZ	FY15-17 Category 9 Funds: \$800,000
640 04b	0909 36-132	The Harrows (BS at Old Copperas Cove Rd)	BS at Old Copperas Cove Rd	Construct sidewalks for pedestrian/bicyclist use	20.87	9	10	\$680,000	2020	No	EI, H	FY18-20 Category 9 Funds: \$680,000
145 03	0909 36-169	11th Avenue Sidewalk & Shared Use Path	Main St (SR 1127) to Waco Road (FM 817)	Construct 5' sidewalks on the north side of 11th Ave from Main St to Waco Road to 10th St from Woodlark to Waco Rd	77.16	7	4	\$423,611	2021	No	P	FY21-22 Category 9 Funds: \$423,611

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

KT/MPO ID	CSI Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
140 04	0909 36-157	Chisholm Trail Corridor (Bike and Bike Facility Phase II)	University Blvd 0.25 mile South of Cowley Way to Herd Drive 0.20 mi north of Sparta Rd	Construct sidewalks and shared use path - widths vary from 8 ft to 10 ft, includes hand-scaping and lighting	N/A	N/A	N/A	\$2,670,615	2018	No	N/A	FY15 Statewide TAF Funds: \$6,118,879
140 21a	0909 36-152	Kilgore Heritage Oaks Bike and Bike Trail Segment 4	Flouron Dr to Chispaal Rd	Construct shared use path for pedestrians and bicyclists	N/A	N/A	N/A	\$1,848,284	2017	No	EI, ARZ	
140 05	0909 36-163	Britton Bike and Bike Trail Extension South (South Britton Shared Use Path)	SR 35 from FM 436 to Confederate Park Drive	Construct 12 ft wide bike and bike trail. Project will extend along FM 436, SR 35 northbound frontage road and Confederate Park Drive	N/A	N/A	N/A	\$1,790,520	2020	No	EI, P	FY17 TASA Funds: \$1,790,520

**GROUPED PROJECTS**

KT/MPO ID	CSI Number	Project Name	Project Limits	Project Description	FY2017-2020 TP	FY2018-2022 TP
G01 FE	Various CSIs	Preventative Projects	Various Locations	Various Descriptions	\$22,578,008	\$0
G01 ME	Various CSIs	Maintenance Projects	Various Locations	Various Descriptions	\$37,602,002	\$20,009,216
G04 BR	Various CSIs	Bridge Projects	Various Locations	Various Descriptions	\$5,137,284	\$1,400,000
G05 SA	Various CSIs	Safety Projects	Various Locations	Various Descriptions	\$427,599	\$2,400,073





## 2040 Metropolitan Transportation Plan Project Listing

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

### MPO PROPOSITION 1/CATEGORY 2 PROJECTS (METROPOLITAN CORRIDORS)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CAP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding Amounts
W15.01b	2304-07-0367-204	FM 2410	Ray Reynolds Dr to Commercial Drive	Widen from 2 to 4 lane roadway with sidewalk, median and turn lanes incorporating context sensitive design.	N/A	N/A	N/A	\$5,800,000	2017	Yes	N/A	FY15-FY17 MPO Proposition 1: \$17,800,000
W40.02	0231-03-143	US 190	1.0 MI W of FM 2410 to Berkley Way	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments.	N/A	1	N/A	\$9,000,000	2018	Yes	N/A	
W40.06	0231-03-145	US 190	FM 3413 (Indian Trail) to FM 2410 on W. Berlin	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments.	81.45	1	1	\$70,000,000	2019	Yes	H	
C30.03b	0231-07-062	Business US 190 Phase 1	FM 1113 (Avenue D) to Constitution Dr.	Construction of a raised median, blue line and sidewalk on south side of project, and construct ADA compliant sidewalks and bicycle lane to a shared use and bicycle lane to a shared use in both directions.	81.00	4	4	\$10,000,000	2020	Yes	EI	FY18-20 Category 2: \$84,000,000
W40.05	0231-04-060	US 190	FM 2410 on W. Berlin to IH 35	Widen main lanes from 4 to 6 lanes and resurface	81.79	3	3	\$35,000,000	2020	Yes	EI	
W40.04a(1)	2502-01-021	Loop 121 Phase 1a	State Rd (FM 439) to US 190	Widen from 2 to 4 lane divided roadway with raised median	56.45	14	5	\$28,000,000	2021	Yes	E, L, H, P	
W15.07	0120-06-902	HW Loop 865	Lexus Ave/ Cleveley to Industrial Blvd	Construct interchanges and expand 2 to 4 lanes with frontage roads.	72.00	3	1	\$45,000,000	2021	Yes	H	
W15.01	0231-10-003	US 190 Bypass	E of Coppers Cove to 0.5 mi W of Umpalut County Line	Widen from two lanes to four lanes divided and construct interchange	68.77	9	2	\$48,150,000	2021	Yes	L, H	FY17-22 Category 2: \$127,450,000
W45.01	0231-01-152	IH 14 Advanced Traffic Management System	Congal County Line to FM 2410	Construction of fiber optics, traffic cameras and Dynamic Message Boards.	73.33	7	11	\$6,200,000	2022	Yes	E, L, H	

### COMBINED CATEGORY 2 AND CATEGORY 7 FUNDS

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CAP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
W40.03	0231-03-146	US 190 Turnaround	At Clear Creek Rd	Roadway reconfiguration to improve turning movements (Turnaround)	42.11	42	6	\$4,000,000	2018	No	EJ	FY18-20 Category 2: Funds (\$1,100,000) and Category 7 Funds (\$1,900,000): \$4,000,000

### CATEGORY 4 PROJECTS (STATEWIDE CONNECTIVITY)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CAP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
W15.12	0185-01-040	US 190 (Project Relief Route)	2.0 MI S of FM 435 to Heddenham in Madam County Line	Widen from 2 to 4 lane divided rural highway	45.56	16	38	\$62,800,000	2019	Yes	H	FY19 Category 4 Funds: \$62,800,000

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

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>1</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CAP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
H40.02	0909-16-153	Traffic Circle at Commercial Dr	Intersection of Commercial Dr and Heights Dr	Construct traffic circle at intersection of Commercial Dr and Heights Dr	40	6	5	\$487,249	2018	No	EI	
A30.02	0909-16-156	Riverwood Dr Extension	Promissione Dr to Chaparral Dr	Construction of a 4 lane roadway with center median with an off system bridge	38	4	6	\$1,965,043	2018	No	E, ARZ	FY15-17 Category 7 Funds: \$15,330,648
H40.01	2057-01-009	Main St Connectivity	Ave 1 to US 190 Frontage Rd	Construct ADA compliant pedestrian pathways along Main St and under US 190	31	3	3	\$596,386	2018	No	N/A	
I35-24	0909-16-155	Prairie View Road Enhancements	W of SH 317 to H Pea Ridge	Construction of a 4 lane roadway, signing FM 2483 to Prairie View Rd with a signalized intersection	19	5	4	\$6,400,000	2017	Yes	N/A	



KTMPO ID	CSI Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>2</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
640 21	0816 02 021	101 135	IM 1.0 MN of FM 3470 to D 1 M S of FM 3470	Transfer bus stoppers for northbound and southbound traffic on SH 195 frontage road and FM 3470 (near Schaefer)	42.68	41	7	\$600,000	2019	Yes	EI	
015 01	0211 01 147	US 190 at FM 2410	East Central St. Loop W to East Central St. Loop East	Construction of a west to east turn around at FM 2410	67.11	6	R	\$5,000,000	2020	Yes	N/A	
160 12	1815 02 058	314 S Sidewalks (F M 141)	Marketwood Rd to Adams Ave/Central Ave	Installation of 6 sidewalks on both sides of FM 141	84.35	1	1	\$500,000	2019	Yes	N/A	
160 15	0212 01 053	Impressments	IM 15 to MK in Blvd Spur 290	Construct shared use path for pedestrian and bicyclist	92.00	2	2	\$1,300,000	2019	Yes	EI, H	
160 05	3128 01 011	3045 Sidewalks	Business 100 to Dennis St.	Construct ADA compliant shared use path for CSI 1128 01 011 and construct ADA compliant shared use path and pedestrian sidewalk for CSI 3111 01 007	77.88	5	4	\$975,000	2019	Yes	EI, P	FY18-20 Category 7 Funds: \$1,316,936
160 04	0909 19 131	The Narrows (Charles, Edison Way)	Charles Edison Way from Truman Way to 401st Blvd	Construct shared use path for pedestrian and bicyclist	70.32	11	6	\$170,000	2020	No	EI, H	
160 04a	2136 01 020	Main St Sidewalks Phase 1	Sabado Plaza Dr to College	Main St improvements to include lighting, sidewalks, & striping for bicycles	81.01	3	7	\$1,616,956	2018	No	H, ARZ, ES	
160 15	0909 16 162	Forest Replacement Project	103 Dr (North End) to Kobern UZA	Purchase Buses	N/A	N/A	N/A	\$1,615,000	2018	N/A	N/A	
160 02a	0909 16 901	Temple Outer Loop West Phase 1	522 E South of Jupiter to 201 ft. N of Riverdale Trail	Widen from 2 to 4 lanes divided roadway and curb and gutter, Phase 1	84.67	17	4	\$10,298,198	2021	No	P, H	
N40 04	0909 16 901	Polk (North Abeyante) along Ave H to 100th Street	Park (North Abeyante) along Ave H to 100th Street	Construct 10' sidewalk, ADA ramps, and crosswalks, widen pavement by 32" with curb and gutter	72.34	6	3	\$1,558,802	2021	No	P	FY11-22 Category 7 Funds: 13,002,000
A45 01	0909 16 905	HCTD Fleet Replacement Project	Hill Country Transit, Killeen UZA, Two, Temple UZA, One	Purchase Buses to Provide Transportation	N/A	N/A	N/A	\$1,145,000	2021	N/A	N/A	

**COMBINED CATEGORY 7 AND MPO CATEGORY 9 PROJECTS**

KTMPO ID	CSI Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>2</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
640 04a	0909 19 131	The Narrows (contribution Two)	Contribution Dr from Brown Ave to 0.2 MI S Marie Louise King Jr Blvd	Construction of sidewalks for pedestrian/bicycle uses	72.78	8	9	\$580,000	2020	No	EI, H	FY 18-20 Category 7 Funds: \$1,500,000; \$580,000

**MPO CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE PROGRAM)**

KTMPO ID	CSI Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>2</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
640 23	0909 16 160	Heritage Oaks Bike and Bike Trail, Segment 5A	Responded Dr from Heckback Dr to Payne Dr	Construction of a bike and bike trail with lighting	23	1	1	\$600,000	2018	No	EI, ARZ	FY15-17 Category 9 Funds: \$600,000
640 04b	0909 19 112	The Narrows (Eg. H) at Old Esperanza Cove Rd at Esperanza Cove Rd at Contribution Dr	Eg. H Blvd from Contribution Dr to Old Esperanza Cove Rd at Contribution Dr	Construct sidewalks for pedestrian/bicycle use	70.87	9	10	\$680,000	2020	No	EI, H	FY18-20 Category 9 Funds: \$680,000
165 03	0909 16 169	13th Avenue Sidewalk & Shared Use Path	Main St (NH 117) to Water Road (FM 817)	Construct 5' sidewalks on the north side of 13th Ave from Main St to Woodall. Transition to 10' SBP from Woodall to Water Rd	72.16	7	4	\$473,611	2021	No	P	FY11-22 Category 9 Funds: \$473,611

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

KTMPO ID	CSI Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>2</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding
160 04	0909 16 177	Chisholm Trail Corridor Bike and Bike Trail Safety Phase II	University Blvd 0.75 mile West of Charles Way to West of 101st north of Sparta Rd	Construct sidewalks and shared use path - widths vary from 8 ft to 10 ft; includes landscaping and lighting	N/A	N/A	N/A	\$2,670,615	2018	No	N/A	FY15 Statewide TAP Funds: \$6,118,877
160 11a	0909 16 152	Rifkin Heritage Oaks Bike and Bike Trail, Segment 4	Platinum Dr to Chaparral Rd	Construct shared use path for pedestrian and bicyclist	N/A	N/A	N/A	\$3,448,284	2017	No	EI, ARZ	
160 05	0909 16 163	Berkon Lake and Bike Trail Extension South South (South Shared Use Path)	IM 15 from FM 416 to Confederate Park Drive	Construct 12 ft wide bike and bike trail. Project will extend along FM 416, IM 15 northbound frontage road and Confederate Park Drive	N/A	N/A	N/A	\$1,790,570	2020	No	EI, P	FY17 TAPA Funds: \$1,790,570

**GROUPED PROJECTS**

KTMPO ID	CSI Number	Project Name	Project Limits	Project Description	FY2017-2020 TP	FY2019-2022 TP
G01 FE	Various CSIs	Preventative Projects	Various Locations	Various Descriptions	\$12,579,008	\$0
G03 MT	Various CSIs	Maintenance Projects	Various Locations	Various Descriptions	\$37,602,002	\$20,097,216
G04 BR	Various CSIs	Budget Projects	Various Locations	Various Descriptions	\$1,125,284	\$1,400,000
G05 SA	Various CSIs	Safety Projects	Various Locations	Various Descriptions	\$437,598	\$2,030,079



**Item 9:**

**2040 MTP Amendment**

**T40-07b**



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**Amendment to the 2040 MTP for  
Temple's Outer Loop West Project Phase 2, T40-07b**

**Amendment to the 2040 MTP and FY19-22 TIP**

The City of Temple submitted project T40-07, Temple's Outer Loop West, during the 2018 Call for Projects. At that time, the project was phased out with project T40-07a, Temple Outer Loop West Phase 1, receiving Category 7 funds. Project T40-07b, Temple Outer Loop West Phase 2 project, did not receive funding at that time and is currently in the MTP. Phase 2 consists of widening the roadway from 2 to 4 lanes divided with curb and gutter and includes a hike and bike trail and dedicated bike lanes to incorporate multimodal transportation. The estimated project cost for phase 2 is \$9,701,802.

An amendment is needed to the 2040 MTP to update the project limits. The project description and cost will remain the same.

- **Original Limits:** 454ft. S. of Dove Meadow to IH-35 S.
- **New Limits:** 20ft. N. of Riverside Trail to IH-35 S.

After the approval of the TPPB at their March 20<sup>th</sup> meeting, the MTP and TIP amendment underwent a 15-day public comment period and public forum during which no comments were made.

**Tentative Schedule:**

- March 6, 2019—TAC recommends initiation of PI process for MTP amendment.
- March 20, 2019—TPPB approves Initiation of PI process for MTP amendment.
- March 23-April 6, 2019—Public Comment Period.
- March 26, 2019 – Public forum; time and location TBD.
- **April 3, 2019—TAC recommends approval of MTP and TIP amendments.**
- April 17, 2019—TPPB approves MTP and TIP amendments.

**Action Needed:** Recommend approval for MTP and TIP amendment for Temple's Outer Loop West Project Phase 2, T40-07b.



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

## ROADWAY PROJECTS

KTI/PO ID	CSI Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking <sup>2</sup>	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>3</sup>	Environmental Considerations <sup>3</sup>	Funding <sup>4</sup>
W30-17	1835-01-026	FM 93 Phase 1 and 2	SH 317 to Wheat Rd	Widen from 2 to 4 lane roadway with a bike lane and 6 foot sidewalks	64.81	16	3	\$8,794,843	2023	Yes	EI, H, P	
160-076	0909-36-174	Temple Guards (Loop West) Phase II	454 ft South of Dove Meadow to IH 35 S	Widen from 2 to 4 lanes with divided roadway and curb and gutter; includes bike & bike trail and bike dedicated lanes to incorporate multimodal transportation	64.67	17	4	\$9,701,802	2027	No	P, H	
R30-13	0909-36-175 0909-36-172	Chaparral Rd	SH 195 to FM 3481 (Southwest Hollow Lake Rd)	Reconstruct and widen roadway from 2 to 4 lane divided roadway with bicycle and pedestrian facilities.	59.99	27	5	\$23,000,000	2023	No	EI, H	
D40-01	N/A	North West Rd (05483)	West Main St to West Big Elm	Widen from 2 to 4 lanes, with curb and gutter, bridge improvements	52.64	48	6	\$4,600,000	TBD	No	—	
H30-05	0909-36-171	Warriors Path Upgrade	FM 2410 (Knights Way) to Old Holmville Rd	Create a two lane road section with left turn lane at future school, curb and gutter, 6 ft sidewalk on west side and a 10ft wide bike/bike path on east side	48.17	50	7	\$8,508,950	2025	No	H	
H40-03	N/A	Old Holmville Road Bridge Expansion and Bike/Pedestrian Project	Bridge on Old Holmville Rd from US 190/H 14	Reconstruct bridge on Old Holmville Road and add multi-use trail system to connect to US 190/H 14	49.84	46	8	\$1,602,700	TBD	No	—	
S40-03	N/A	Sabalo West Village Road Capacity and Enhancement Project	Thomas Arnold Rd to IH 35	Widening roadway, add turn lanes and bike/peel facilities	36.45	66	9	\$380,500	TBD	No	—	
T15-006	N/A	IH 35	US 190/H 14 to Loop 363	Reconstruct and widen to 8 lanes	78.27	1	10	\$129,200,000	TBD	Yes	EI, H	
C35-0246 <sup>2</sup>	N/A	FM 116 Railroad Underpass	S Main (through) existing parking facility) to Ave B	Create an underpass at the existing BNSF railroad with sidewalks	71.73	4	12	\$13,470,000	2023	Yes	EI	
W25-02	N/A	SH 36	SH 317 to Lake Belton Bridge	Widen from 2 to 4 lane divided roadway	71.63	5	13	\$36,715,000	TBD	No	P	
W25-04	N/A	FM 479	Ray Reynolds Drive to FM 3218	Widen from 4 to 6 lanes	70.27	6	14	\$11,539,000	TBD	No	EI	
H45-03	N/A	FM 3481 (SBRHouse Lake Road) Phase 1	Proprietor Trail to Proposed Chaparral Road Intersection	Widen roadway from 2 to 4 lanes with a continuous center turn lane with sidewalks	69.33	7	15	\$6,566,500	2024	No	H, ARZ, P	
W20-23	N/A	US 190/Loop 363	Spur 290 to SH 95	Upgrade to 4 lane freeway with continuous frontage roads and grade separation at MILK Blvd	68.36	8	16	\$16,784,000	TBD	Yes	EI	
C30-024	N/A	Business US 190 - Phase II	FM 1113 (Ave D) to FM 116 South	Convert the center turn lane to a controlled left turn lane with raised median, maintain the two existing travel lanes, add curb and gutter on north and south sides of the roadway, 6' sidewalk on the south side right of way, pedestrian crossings with curb ramps at street intersections, bicycle lanes on the outside travel lanes.	68.16	10	17	\$7,400,000	2022	Yes	EI	
W25-08	N/A	FM 93	FM 1741 to SH 95	Widen from 2 to 4 lanes, provide for a raised median and construct grade separation at LP RR	66.41	11	18	\$12,648,000	TBD	Yes	H	
H45-01	N/A	E FM 2410 (E. Knights Way) Phase 1	Cedar Knob Rd to Warriors Path	Widen from 2 to 4 lanes with a continuous turn lane with curb and gutters and sidewalks	66.35	12	19	\$5,561,600	TBD	Yes	—	
W20-13	N/A	FM 2484	FM 1670 to IH 35	Widen from 2 to 4 lane divided roadway	65.99	13	20	\$3,147,000	TBD	No	P	
W20-21	N/A	Loop 363 at FM 2307 (Adams Ave) Reconfiguration	Intersection of Loop 363 and FM 2307 (Adams Ave)	Reconstruct interchange at FM 2305 (Adams Ave) and LP 363	65.45	14	21	\$18,000,000	TBD	Yes	EI	
K40-24	N/A	Featherline Drive	Stagcreek Rd to Chaparral Rd	Widen from two to four lanes with a center turn lane and roundabouts at Featherline Rd and Stagcreek Rd and Stagcreek Rd at W. S. Young Drive	65.00	15	22	\$9,000,000	2025	No	EI	
H15-01	N/A	FM 3423 (Indian Trail)	Business 190 (VIA) to US 190/H 14	Construct an urban cross-section roadway with sidewalks, median and pedestrian enhancements within the appropriate context sensitive cross section	64.55	18	23	\$3,391,800	TBD	No	—	
E35-36a	N/A	S. 1st Street/Spur 290 Improvements	SE Loop 363 to Ave M	Widen from 4 lane undivided to 4 lane divided roadway with curb and gutter, bike and bike trails and will incorporate multimodal design	64.45	19	24	\$6,500,000	TBD	Yes	EI	
K40-11	N/A	W.S. Young Drive	Mail Dr to AJ Hall Blvd	Add turn lane and relocate traffic signal at Mail Dr to AJ Hall Blvd	64.09	20	25	\$4,889,549	TBD	Yes	EI	
H40-06	N/A	Holmville Railroad Crossing Safety	Pleasant Hill Cemetery Rd to Jack Rabbit Road (4 RR Crossings)	Upgrade crossings for better connections and safety	63.18	21	26	\$500,000	TBD	No	—	
D40-03	N/A	Old 17481 - Phase 1	FM 1237 to Lovess Overpass	Widen from 2 to 4 lanes with bicycle lanes and curb and gutter	61.55	22	27	\$3,200,000	TBD	No	H	
H45-04	N/A	FM 3481 (SBRHouse Lake Road) Phase 2	Proposed Chaparral Road Intersection to South City Limits	Widen roadway from 2 to 4 lanes with a continuous center turn lane with sidewalks	60.84	24	28	\$6,906,620	TBD	No	H, ARZ, P	
K40-16	N/A	East Timmer Rd Improvements	Stagcreek Rd to Chaparral Rd	Widen roadway from 2 to 4 lanes with a continuous center turn lane with sidewalks and bike lanes	60.84	23	29	\$7,000,000	TBD	No	EI	
H30-01	N/A	Business US 190 (Veterans Memorial Blvd)	N Bay Reynolds to US 190/H 14	Reduce roadway profile, install curb & gutter, access management/driveway control, drainage improvements, sidewalks, medians and other context sensitive solutions	60.19	26	30	\$5,000,000	TBD	No	EI, L, H	
B40-10	N/A	FM 1870	US 190 to Three Creeks Boulevard	Widen from 2 to 4 lane roadway with a 10' bike and bike trail	59.45	28	31	\$5,843,360	TBD	No	EI, H	
W25-02	N/A	SH 195 at FM 3470 (IS Loop) Reconstruction	Intersection of SH 195 at FM 3470 (IS Loop)	Upgrade interchange	59.17	29	32	\$52,450,000	TBD	Yes	EI	

Short Range Funding: \$44,500,000

Long Range Funding: \$364,100,000



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

## ROADWAY PROJECTS

KTMPO ID	CSI Number	Project Name	Project Limits	Project Description	Project Score <sup>1</sup>	Project Ranking	Prioritized List <sup>1</sup>	Estimated Cost	Estimated Let Date	CMP Network <sup>2</sup>	Environmental Considerations <sup>3</sup>	Funding <sup>4</sup>
W30-17	1835-01-026	FM 93 Phase 1 and 2	SH 317 to Wheat Rd	Widened from 2 to 4 lane roadway with a bike lane and 6 feet sidewalks	64.81	16	3	\$8,794,843	2023	Yes	E, I, H, P	
140-076	0909-36-17A	Temple Oaks Loop West Phase II	20th N of Riverside Trail to I-35 S	Widened from 2 to 4 lanes with divided roadway and curb and gutter; includes bike & bike trail and bike dedicated lanes to incorporate multimodal transportation	64.67	17	4	\$5,701,802	2027	No	P, H	
K30-13	0909-36-175 0909-36-172	Chaparal Rd	SH 175 to FM 3481 (Sibhouse Hollow Lake Rd)	Reconstruct and widen roadway from 2 to 4 lane divided roadway with bicycle and pedestrian facilities.	59.59	27	5	\$23,000,000	2023	No	E, H	
D40-01	N/A	North Waco Rd (Old B1)	West Main St to West Big Elm	Widened from 2 to 4 lanes, with curb and gutter, bridge improvements	52.64	44	6	\$4,600,000	TBD	No	—	
H30-05	0909-36-171	Warriors Path Upgrade	FM 2410 (English Way) to Old Heidelberg Rd	Create a two lane road section with a left turn lane at future school, curb and gutter, 6 ft sidewalk on west side and a 10ft wide bicycle path on east side	48.17	50	7	\$8,968,950	2025	No	H	
H40-01	N/A	Old Heidelberg Road Bridge Expansion and Bike/Pedestrian Project	Old Heidelberg Rd	Reconstruct bridge on Old Heidelberg Road and add multi-use trail system to connect to existing trail system.	49.84	46	8	\$1,602,700	TBD	No	—	
S40-03	N/A	Sabine West Village Road Capacity and Enhancement Project	Thomas Arnold Rd to RH 35	Widening roadway, add turn lanes and bike/ped facilities	36.45	66	9	\$300,000	TBD	No	—	
F15-06A	N/A	IH 35	US 190/WH 14 to Loop 363	Reconstruct and widen to 8 lanes	78.37	1	10	\$128,200,000	TBD	Yes	E, I, H	
C35-0248 <sup>7</sup>	N/A	FM 116 Railroad Underpass	S Alain (through existing parking facility) to Ave B	Create an underpass at the existing BHSF railroad with sidewalks	71.73	4	12	\$13,470,000	2023	Yes	E	
W25-02	N/A	SH 36	SH 317 to Lake Blithen Bridge	Widened from 2 to 4 lane divided roadway	71.63	5	13	\$36,715,000	TBD	No	P	
W35-04	N/A	FM 479	Ray Reynolds Drive to FM 3219	Widened from 4 to 6 lanes	70.27	6	14	\$11,639,000	TBD	No	E	
H45-03	N/A	FM 3481 (Sibhouse Lake Road) Phase 1	Prospector Trail to Proposed Chaparral Road Intersection	Widened roadway from 2 to 4 lanes with a continuous center turn lane with sidewalks	69.33	7	15	\$6,566,000	2024	No	H, ARZ, P	
W30-21	N/A	US 190/Loop 363	Spur 200 to SH 95	Upgrade to 4 lane freeway with continuous frontage road and grade separation at ALK Blvd	68.36	8	16	\$16,784,000	TBD	Yes	E	
C30-03A	N/A	Business US 190 - Phase II	FM 1113 (Ave D) to FM 116 South	Convert the center turn lane to a controlled left turn lane with raised median, maintain the two existing travel lanes, add curb and gutter on north and south sides of the roadway, 6' sidewalk on the south side right-of-way, pedestrian crossings with curb ramps at street intersections, bicycle lanes on the outside travel lanes.	68.16	10	17	\$7,400,000	2022	Yes	E	
W35-08	N/A	FM 93	FM 1741 to SH 95	Widened from 2 to 4 lanes, provide for a raised median and construct grade separation at UP RR	66.44	11	18	\$12,688,000	TBD	Yes	H	
H15-01	N/A	E FM 2410 (E English Way) Phase 1	Cedar Knob Rd to Warriors Path	Widened from 2 to 4 lanes with a continuous turn lane with curb and gutters and sidewalks	66.35	12	19	\$5,561,000	TBD	Yes	—	
W30-13	N/A	Loop 363 at FM 2300 (Adams Ave) Reconfiguration	FM 1670 to RH 35	Widened from 2 to 4 lane divided roadway	65.99	13	20	\$1,147,000	TBD	No	—	
W30-21	N/A	Featherline Drive	Staggscoach Rd to Chaparral Rd	Reconstruct interchange at FM 2305 (Adams Ave) and LP 363	65.45	14	21	\$18,000,000	TBD	Yes	E	
K40-24	N/A	Business US 190 (VMB) to US 190/WH 14	Business 190 (VMB) to US 190/WH 14	Widened from two to four lanes with a center turn lane and roundabouts at Featherline Rd and Staggscoach Rd and Staggscoach Rd at W.S. Young Drive	65.00	15	22	\$9,000,000	2025	No	E	
H15-01	N/A	S 1st Street/Spur 270 Improvements	Loop 363 to Ave M	Construct an urban cross-section roadway with sidewalks, median and pedestrian enhancements within the appropriate context sensitive cross section	64.55	18	23	\$3,391,800	TBD	No	—	
T35-36a	N/A	WY Young Drive	SH 175 to FM 3481	Widened from 4 lane undivided to 4 lane divided roadway with curb and gutter, bike and bike trails and will incorporate multimodal design	64.45	19	24	\$6,500,000	TBD	Yes	E	
K40-11	N/A	Houstonville Railroad Crossing Safety	Mail Dr to AJ Hall Blvd	Add turn lane and relocate traffic signal at Mail Dr to AJ Hall Blvd	64.09	20	25	\$4,889,640	TBD	Yes	E	
H40-06	N/A	Old TX 81 - Phase 1	Phasant Hill Cemetery Rd to Jack Rabbit Road (4 RR Crossings)	Upgrade crossings for better connections and safety	63.18	21	26	\$500,000	TBD	No	—	
D40-03	N/A	FM 3481 (Sibhouse Lake Road) Phase 2	FM 1237 to Lovess Overpass	Widened from 2 to 4 lanes with bicycle lanes and curb and gutter	61.55	22	27	\$3,000,000	TBD	No	H	
H15-04	N/A	Earl Timmer Rd Improvements	FM 3481 (Sibhouse Lake Road) Phase 2 Intersection to South City Limits	Widened roadway from 2 to 4 lanes with a continuous center turn lane with sidewalks and bike lanes	60.84	24	28	\$6,306,000	TBD	No	H, ARZ, P	
K40-16	N/A	Business US 190 (Veterans Memorial Blvd)	Staggscoach Rd to Chaparral Rd	Widened roadway from 2 to 4 lanes with a continuous center turn lane with sidewalks and bike lanes	60.84	23	29	\$7,000,000	TBD	No	E	
H30-01	N/A	FM 1670	N Roy Reynolds to US 190/WH 14	Reduce roadway profile, install curb & gutter, access management/diversion control, drainage improvements, sidewalks, medians and other context sensitive solutions	60.13	26	30	\$5,000,000	TBD	No	E, I, H	
B40-10	N/A	SH 195 at FM 3470 (US Loop) Reconstruction	US 190 to Three Creeks Boulevard	Widened from 2 to 4 lane roadway with a 10' bike and bike trail	59.45	28	31	\$5,641,160	TBD	No	E, I, H	
W35-02	N/A	SH 195 at FM 3470 (US Loop) Reconstruction	SH 195 at FM 3470 (US Loop)	Upgrade interchange	59.37	29	32	\$52,450,000	TBD	Yes	E	

Short Range Funding: \$44,500,000

Long Range Funding: \$364,100,000



**Item 10:**  
**Public Input**

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**Public Input Received through March 31, 2019**

KTMPO has been collecting public comments received online, via emails, public hearings, meetings, social media accounts, web maps and other forms of communication. Staff bring these to the TAC and TPPB on a regular basis to ensure the MPO boards are aware of public concerns and have the opportunity to respond accordingly. Public input received through March 31, 2019 is included in meeting packet.

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





## KTMPO Public Comments

FY19

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



KTMPO Contacts,  
Acronyms, and Terms





## TECHNICAL ADVISORY COMMITTEE

### Judge Roger Miller

Coryell County Main Street Annex  
800 E. Main Street, Suite A  
Gatesville, TX 76528  
Phone: (254) 865-5911, ext. 2221  
Fax: (254) 865-2040  
[countyjudge@coryellcounty.org](mailto:countyjudge@coryellcounty.org)  
Alternate:

### Commissioner Mark Rainwater

Lampasas County  
P.O. Box 231  
Lampasas, TX 76550  
Phone: (512)734-0742  
Fax: (512)556-8270  
[rainwater150@gmail.com](mailto:rainwater150@gmail.com)  
Alternate:

### Ron Olson

Killeen City Manager  
101 N. College St., Killeen, TX, 76541  
Phone: (254) 501-7700  
[rolson@killeentexas.gov](mailto:rolson@killeentexas.gov)  
Alternate: David Olson, Danielle Singh

### Robert Lewis

Copperas Cove Planning Director  
P.O. Drawer 1449  
Copperas Cove, TX 76522  
Phone: (254) 547-4221  
[rlewis@copperascovetx.gov](mailto:rlewis@copperascovetx.gov)  
Alternate: Ryan Haverlah

### Joseph Molis

Harker Heights Planning Director  
City of Harker Heights  
305 Miller's Crossing  
Harker Heights, TX 76548  
Phone: (254) 953-5600  
[jmolis@ci.harker-heights.tx.us](mailto:jmolis@ci.harker-heights.tx.us)  
Alternate: David Mitchell

### Cheryl Maxwell

Belton Planning Director  
333 Water St., Belton, TX 76513  
Phone: (254) 933-5812  
Fax: (254) 933-5822  
[cmaxwell@belontexas.gov](mailto:cmaxwell@belontexas.gov)  
Alternate: Sam Listi

### Brian Chandler

Temple Planning Director  
2 North Main, Temple, TX 76501  
Phone: (254) 298-5272  
[bchandler@templetx.gov](mailto:bchandler@templetx.gov)  
Alternate: Don Bond, Nicole Torralva,  
Lynn Barrett, Brynn Myers, Jason  
Deckman, Erin Smith

### Bryan Neaves, P.E.

Bell County Engineer  
P. O. Box 264, Belton, TX 76513  
Phone: (254) 933-5275  
Fax: (254) 933-5276  
[bryan.neaves@bellcounty.texas.gov](mailto:bryan.neaves@bellcounty.texas.gov)  
Alternate: Stephen Eubanks

### Carole Warlick

General Manager, Hill Country Transit  
District  
P.O. Box 217, San Saba, TX 76877  
Phone: (325) 372-4677  
Fax: (325) 372-6110  
[cwarlick@takethehop.com](mailto:cwarlick@takethehop.com)  
Alternate: Darrell Burtner

### Victor Goebel, P.E.

Director, Transportation Planning &  
Development, TxDOT Waco  
100 South Loop Drive, Waco TX  
76704-2858  
Phone: 254-867-2865  
Fax: 254-867-2738  
[victor.goebel@txdot.gov](mailto:victor.goebel@txdot.gov)  
Alternate: Liz Bullock

### Jason Scantling, P.E.

Director, Transportation Planning &  
Development, TxDOT Brownwood  
2495 Hwy 183 North, Brownwood, TX  
76802  
[jason.scantling@txdot.gov](mailto:jason.scantling@txdot.gov)

### NON VOTING MEMBERS

#### Brian Dosa

Ft. Hood Public Works Director  
Building 4612  
Fort Hood, TX 76544  
Phone: (254) 287-2113  
[brian.l.dosa.civ@mail.mil](mailto:brian.l.dosa.civ@mail.mil)

#### Justin P. Morgan

Federal Highway Administration,  
Texas Division  
300 East 8<sup>th</sup> Street, Rm 826  
Austin, TX 75093  
[justin.morgan@dot.gov](mailto:justin.morgan@dot.gov)

#### Liz Bullock

TxDOT Waco District  
Transportation Planner  
100 South Loop Drive, Waco TX  
76704-2858  
Phone: (254) 867-2751  
Fax: (254) 867-2738  
[liz.bullock@txdot.gov](mailto:liz.bullock@txdot.gov)

#### Solomon A. Thomas

TxDOT Waco District/Bell County  
Area Engineer  
410 West Loop 121  
Belton, TX 76513  
Phone: (254) 939-3778  
[solomon.thomas@txdot.gov](mailto:solomon.thomas@txdot.gov)

#### Kara Escajeda

Nolanville City Manager  
101 North 5<sup>th</sup> Street  
Nolanville, TX 76559  
Phone: (254) 698-6335  
[kara.escajeda@ci.nolanville.tx.us](mailto:kara.escajeda@ci.nolanville.tx.us)



## POLICY BOARD

### Chairman:

**Mayor Tim Davis**

City of Temple

2 North Main #103, Temple TX 76501

Phone: (254) 298-5301

Fax: (254) 298-5637

[tdavis@templetx.gov](mailto:tdavis@templetx.gov)

Alternate: Brynn Myers, Lynn Barrett, Nicole Torralva, Brian Chandler, Jason Deckman, Erin Smith

### Vice Chairman:

**Mayor Jose Segarra**

City of Killeen

101 N. College Street

Killeen, Texas 76541

[mayor@killeentexas.gov](mailto:mayor@killeentexas.gov)

Phone: (254) 290-0548

Alternate: Ron Olson,

Councilmember Jim Kilpatrick,

### Councilmember Dan Yancey

City of Copperas Cove

PO Drawer 1449; 914 S. Main St., Ste. C

Copperas Cove, TX 76522

Phone: (254) 547-4221

[dyancey@copperascovetx.gov](mailto:dyancey@copperascovetx.gov)

Alternate:

### Mayor Tammy Cockrum

Bell County

2 W. Mesquite Ave

Rogers, TX 76569

Phone:(254) 642-3312

Fax: (254) 642-3102

[Mayor@cityofrogers.us](mailto:Mayor@cityofrogers.us)

### Judge Roger Miller

Coryell County Main Street Annex

800 E. Main Street, Suite A

Gatesville, TX 76528

Phone: (254) 865-5911, ext. 2222

Fax: (254) 865-2040

[countyjudge@coryellcounty.org](mailto:countyjudge@coryellcounty.org)

Alternate:

### Councilmember Susan Long

City of Temple

2 North Main St., STE 103

Temple, TX 76501

Phone: (254) 774-5700

[susan.long@templetx.gov](mailto:susan.long@templetx.gov)

Alternate: Erin Smith, Brynn Myers

### Mayor Marion Grayson

City of Belton

333 Water Street, Belton, TX 76513

Phone: (254) 718-7878

Fax: (254) 939-0468

[mariongrayson@gmail.com](mailto:mariongrayson@gmail.com)

Alternate: Sam Listi, Cheryl Maxwell

### Mayor Spencer Smith

City of Harker Heights

305 Miller's Crossing, Harker Heights, TX 76548

Phone: (254) 953-5600

Fax: (254) 953-5605

[shsmith@ci.harker-heights.tx.us](mailto:shsmith@ci.harker-heights.tx.us)

Alternate: David Mitchell

### Councilmember Butch Menking

City of Killeen

101 N. College Street

Killeen, TX 76541

Phone: (254) 501-7600

[bmenking@killeentexas.gov](mailto:bmenking@killeentexas.gov)

Alternate: David Olson

### Councilmember Gregory Johnson

City of Killeen

101 N. College Street

Killeen, TX 76541

Phone: (254) 702-5162

[gdjohnson@killeentexas.gov](mailto:gjohnson@killeentexas.gov)

Alternate: Ron Olson, Dennis Baldwin, Councilmember Shirley Fleming,





## POLICY BOARD

**Commissioner Mark Rainwater**

Lampasas County  
P.O. Box 231  
Lampasas, TX 76550  
Phone: (512)734-0742  
Fax: (512)556-8270  
[rainwater150@gmail.com](mailto:rainwater150@gmail.com)  
Alternate:

**Carole Warlick**  
General Manager, Hill Country Transit District  
P.O. Box 217, San Saba, TX 76877  
Phone: (325) 372-4677  
Fax: (325) 372-6110  
[cwarlick@takethehop.com](mailto:cwarlick@takethehop.com)  
Alternate: Darrell Burtner

**Stan Swiatek, P.E.**  
District Engineer, TxDOT Waco  
100 S. Loop Drive  
Waco, TX 76704  
Phone: (254) 867-2700  
Fax: (254) 867-2890  
[Stan.swiatek@txdot.gov](mailto:Stan.swiatek@txdot.gov)  
Alternate: Victor Goebel

**Elias Rmeili, P.E.**  
TxDOT Brownwood District Engineer  
2495 Hwy 183 North  
Brownwood, TX 76802  
Phone: (325) 643-0411  
Fax: (325) 643-0364  
[elias\\_rmeili@txdot.gov](mailto:elias_rmeili@txdot.gov)  
Alternate: Jason Scantling

### NON VOTING MEMBERS

**Brian Dosa**  
Ft. Hood Public Works Director  
Building 4612  
Fort Hood, TX 76544  
Phone: (254) 287-2113  
[brian.l.dosa.civ@mail.mil](mailto:brian.l.dosa.civ@mail.mil)

**Justin P. Morgan**  
Federal Highway Administration, Texas Division  
300 East 8<sup>th</sup> Street, Rm 826  
Austin, Texas 78701  
(512) 536-5943  
[Justin.morgan@dot.gov](mailto:Justin.morgan@dot.gov)



## BICYCLE/PEDESTRIAN ADVISORY COMMITTEE

**Chair Kara Escajeda**  
Nolanville City Manager  
101 North 5th Street  
Nolanville, TX 76559  
Email: [kara.escajeda@ci.nolanville.tx.us](mailto:kara.escajeda@ci.nolanville.tx.us)

**Vice Chair Brian Chandler**  
Temple Planning Director  
2 North Main Street  
Temple, TX 76501  
Email: [bchandler@templetx.gov](mailto:bchandler@templetx.gov)

**Matt Bates**  
Belton Park and Recreation Director  
P.O. Box 120  
401 N. Alexander  
Belton, TX 76513  
Email: [mbates@beltontexas.gov](mailto:mbates@beltontexas.gov)

**Joe Brown**  
Copperas Cove Park and Recreation Director  
1408 Golf Course Road  
Copperas Cove, TX 76522  
Email: [jbrown@copperascovetx.gov](mailto:jbrown@copperascovetx.gov)

**Katelyn Kasberg**  
TxDOT Waco District  
100 S. Loop Drive, Waco, TX 76704  
Email: [Katelyn.Kasberg@txdot.gov](mailto:Katelyn.Kasberg@txdot.gov)

**Courtney Peres**  
City of Harker Heights  
305 Millers Crossing  
Harker Heights, TX 76548  
Email: [cperes@ci.harker-heights.tx.us](mailto:cperes@ci.harker-heights.tx.us)

**Pamela Terry**  
Citizen Representative  
Email: [TERRYP8@nationwide.com](mailto:TERRYP8@nationwide.com)

**Keller Matthews**  
BS&W Cycling Club/Citizen Representative  
600 S 25th St  
Temple, TX  
Email: [KMATTHEWS@sw.org](mailto:KMATTHEWS@sw.org)

**Chad Welch**  
Tri-City Bicycles/Citizen Representative  
1010 Arbor Park  
Belton, TX 76513  
Email: [welchc01@live.com](mailto:welchc01@live.com)  
Alternate: Mike Anderson

**Mike Anderson**  
Tri-City Bicycles/Citizen Alternate  
Email: [mikeande@att.net](mailto:mikeande@att.net)

**Doug Edwards**  
Central Texas College/Citizen Representative  
6200 W. Central Texas Expy  
Killeen, TX 76549  
Email: [doug.edwards@ctcd.edu](mailto:doug.edwards@ctcd.edu)

**Marlene Maciborski**  
Women on Wheels/Citizen Representative  
Email: [mdv8ed@hotmail.com](mailto:mdv8ed@hotmail.com)

**John Wiist**  
King of the Mountain Cyclery  
100 A North Main St.  
Nolanville, TX 76559  
Email: [1komjohn@gmail.com](mailto:1komjohn@gmail.com)

**Kristina Manning**  
Ft. Hood  
Email: [Kristina.I.manning.civ@mail.mil](mailto:Kristina.I.manning.civ@mail.mil)  
Alternate: Mario Perez





## STAFF

**Jim Reed, AICP**

Interim Director

Phone: (254) 770-2200

Fax: (254) 770-2360

[jim.reed@ctcoq.org](mailto:jim.reed@ctcoq.org)

**Uryan Nelson**

PRS Division Director

Phone: (254) 770-2373

Fax: (254) 770-2360

[uryan.nelson@ctcoq.org](mailto:uryan.nelson@ctcoq.org)

**Kendra Coufal**

Planning Services Manager

Phone: (254) 770-2363

Fax: (254) 770-2360

[kendra.coufal@ctcoq.org](mailto:kendra.coufal@ctcoq.org)

**Sydnee Steelman**

Regional Planner

Phone: (254) 770-2379

Fax: (254) 770-2360

[sydnee.steelman@ctcoq.org](mailto:sydnee.steelman@ctcoq.org)

July 10, 2018



## Commonly Used Transportation Related Acronyms and Terms

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



End of Packet