



Technical Advisory Committee Meeting

**August 7, 2019
9:30 a.m.**

Agenda



**Killeen-Temple Metropolitan Planning Organization
Technical Advisory Committee (TAC)
Wednesday, August 7, 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.
3. Staff Update: Advisory Committees; Air Quality; RFQ for General Planning Services; TxDOT meetings.
4. **Action Item:** Approve minutes from July 10, 2019 meeting.
5. **Discussion Item:** Alliance Transportation Group (ATG) overview of Travel Demand Modeling.
6. **Discussion Item:** Public input received through July 31, 2019.
7. Member comments.
8. Adjourn.

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

1. Call to order.
2. Discussion on any of the following topics (if needed):
 - a. Current or past KTMPO documents and plans to include Unified Planning Work Program, Transportation Improvement Program, By-Laws, Public Participation Plan, Regional Thoroughfare/Bicycle Pedestrian Plan, Metropolitan Transportation Plan, Congestion Management Process, Annual Performance Expenditure Report, Annual Project Listing, Texas Urban Mobility Plan, Unified Transportation Plan, Federal Certification Process;
 - b. Past or Future KTMPO Meeting processes or happenings;
 - c. KTMPO Current, Past or Future MPO Boundary Studies;
 - d. KTMPO Past or Future Annual Meetings;
 - e. Current, Past or Future KTMPO Budgets and funding conditions;
 - f. Rural Planning Organizations and/or Regional Mobility Authorities;
 - g. Special Funding for Projects;
 - h. Legislative Changes;
 - i. Status of MPO Projects;
 - j. Staff, TxDOT, Consultant, Guest presentations relating to transportation;
 - k. Meetings pertaining to any transportation related items/topics.
3. Adjourn.

Item 4:
Meeting Minutes



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

Wednesday July 10, 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	Brian Chandler—City of Temple
Bobby Lewis—City of Copperas Cove	Caesar Arizpe for Ron Olson – City of Killeen
Joseph Molis—City of Harker Heights	Bryan Neaves—Bell County
	Victor Goebel—TxDOT Waco District

Additional Attendees

Solomon Thomas—TxDOT Waco District	Bobby Whitson – Bell County Commissioner
Liz Bullock – TxDOT Waco District	Mario Perez – Ft. Hood
Brigida Gonzales – TxDOT	Christi Bonham – TxDOT Waco District
David Olson – City of Temple	Stephen Kasberg – TxDOT Waco District
Ryan Haverlah – City of Copperas Cove	Uryan Nelson—KTMPPO
Thomas Dow – Alliance Transportation	Sydnee Steelman – KTMPPO
Jim Harvey – Alliance Transportation	Kendra Coufal – KTMPPO
Chris Stansbury – Alliance Transportation	

Meeting Minutes:

- 1. Call to Order:** Uryan Nelson called the meeting to order at 9:32 a.m.
- 2. Opportunity for Public Comment:** No comments were made by the public.
- 3. Staff Update:** Advisory Committees; Air Quality.; Administrative Amendments.

Sydnee Steelman stated that TAC meetings will occur every 1st Wednesday of the month and Policy Board every 3rd Wednesday. Ms. Steelman also stated that the next Bicycle/Pedestrian Advisory Committee meeting will be held on July 16, 2019 at 9:00 a.m., the next Planner's Roundtable meeting will be July 23, 2019 at 9:30 a.m. Air quality readings for the month of June were 43 ppb at the Killeen station and 41 ppb at the Temple station.

- 4. Action Item:** Approve minutes from May 1, 2019 meeting.

Joseph Molis made a motion to approve May 1, 2019 meeting minutes, seconded by Brian Chandler; the motion passed unanimously.

5. Discussion and Action Item: Recommend approval FY20-21 Unified planning Work Program (UPWP).

Kendra Coufal informed the group that the draft FY20-21 UPWP was completed and requested recommendation for approval at the July Policy Board meeting.

Brian Chandler made a motion to recommend the approval of the FY20-21 UPWP, seconded by Robert Lewis; the motion passed unanimously.

6. Discussion Item: TxDOT Quarterly Review of Local Government Projects.

Liz Bullock gave status update for local projects in the KTMPO region including current projected let dates.

7. Discussion Item: Alliance Transportation Group (ATG) review of KTMPO Project Scoring Criteria.

Kendra Coufal informed the TAC that, as requested, ATG would present on scoring criteria. Alliance then proceeded to give their presentation and initiate a discussion on KTMPO's Project Scoring Criteria. Key discussion points during the presentation included the status of schools as special generators, a question of whether regional fatality rates instead of state fatality rates should be used, and how the current subjective categories could be split up to better focus them.

8. Discussion Item: Public input received through June 30, 2019.

Public input received through June 30, 2019 were presented to the TAC.

9. Member Comments:

Victor Goebel provided an update on UTP projects and let dates as well as schematic development.

10. Adjourn: The meeting adjourned at 10:43 a.m.

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

Jim Reed, Interim KTMPO Director

Item 5:

**ATG Overview of Travel
Demand Model**

Introduction to Travel Demand Modeling

TAC members have previously asked questions about the travel demand modeling process and how it impacts project scoring. To begin to answer these questions, ATG staff will give an introductory presentation that provides an overview of travel demand models and their use. This brief introduction will be comprised of two parts.

1. A 10-minute presentation on the basics of travel demand models. This presentation will cover model steps, inputs, functionality, and output for the purpose of a high-level introduction to travel demand modeling.
2. ATG staff will then have a 10-minute discussion with the TAC members to answer questions. This discussion will help identify topics that necessitate further explanation at future TAC meetings.

Action Needed: No Action. For Discussion Only.

Item 6:
Public Input

Public Input Received

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 July 31, 2019 is included in meeting packet.

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



KTMPD 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



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Commonly Used Transportation Related Acronyms and Terms

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

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

2045 MTP Project Listing



2045 Metropolitan Transportation Plan Project Listing

Short Range Funded (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 ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding Amounts
H15-02b	2304-02-036 2304-02-040	FM 2410	Roy Reynolds Dr to Commercial 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	\$39,000,000	2019	Yes	H	
C30-03b	0231-02-062	Business US 190 Phase I	FM 1113 (Avenue D) to Constitution Dr.	Construction of a raised median, bike lane and sidewalk on south side of project, and convert the north outside lane to a shared vehicle and bicycle lane to retain three travel lanes in each direction	81.00	4	4	\$10,000,000	2020	Yes	EJ	FY18-20 Category 2: \$84,000,000
W40-05	0231-04-060	US 190	FM 2410 in W Belton to IH 35	Widen main lanes from 4 to 6 lanes and resurface	83.79	3	3	\$35,000,000	2020	Yes	EJ	
W40-04a (L)	2502-01-021	Loop 121 Phase 1a	Lake 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	EJ, 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 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	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	EJ, L, H	

COMBINED CATEGORY 2 AND CATEGORY 7 FUNDS

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
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)

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
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)

KTMP ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
H40-02	0909-36-153	Traffic Circle at Commercial Dr	Intersection of Commercial Dr and Heights Dr	Construct traffic circle at intersection of Commercial Dr and Heights Dr	40	6	5	\$489,249	2018	No	EJ	
K30-02	0909-36-156	Rosewood Dr Extension	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	EJ, ARZ	FY15-17 Category 7 Funds: \$15,530,684
N40-01	2057-01-009	Main St Connectivity	Ave I 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 347 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	

K40-27 ¹	0836-02-073	SH 195	0.1 MI N of FM 3470 to 0.1 MILES of FM 3470	Turnaround underpass for northbound and southbound traffic on SH 195 frontage roads and FM 3470 (Stan Schlueter)	42.68	41	7	\$800,000	2019	Yes	EJ	FY18-20 Category 7 Funds: \$11,976,956
H35-01	0231-03-147	US 190 at FM 2410	East Central Tx. Expy W to East Central Tx. Expy East	Construction of a west to east turnaround at FM 2410	67.11	6	8	\$5,000,000	2020	Yes	N/A	
T40-12	1835-02-058	31st St Sidewalks (FM1741)	Marlandwood Rd to Canyon Creek Rd	Installation of 6' sidewalks on both sides of FM1741	94.35	1	1	\$500,000	2019	Yes	N/A	
T40-15	0184-03-039	Adams Ave/Central Ave. Bicycle/Pedestrian Improvements	IH 35 to MLK Jr Blvd (Spur 290)	Construct shared use path for pedestrian and bicyclists	92.00	2	2	\$1,300,000	2019	Yes	EJ, H	
C40-05	3128-01-013	FM 116 & 3046 Sidewalks	Business 190 to Dennis St	Construct ADA compliant sidewalks and bike lanes	77.88	5	4	\$975,000	2019	Yes	H, P	
C40-04c	0909-39-133	The Narrows (Charles Tillman Way)	Constitution Dr to Charles Tillman Way @ RG III Blvd	Construct shared use path for pedestrian and bicyclists	70.32	11	6	\$170,000	2020	No	EJ, H	
S40-04a	2136-01-020	Main St Sidewalks Phase 1	Shiadao Plaza Dr to College Hill Dr (North End)	Main St. improvements to include lighting, sidewalks, & striping for bicycles	81.01	3	7	\$1,616,956	2018	No	H, ARZ, ES	
A40-15	0909-36-162	Fleet Replacement Project	Killeen UZA	Purchase Buses	N/A	N/A	N/A	\$1,615,000	2018	N/A	N/A	
T40-07a	0909-36-903	Temple Outer Loop West-Phase I	522 ft South of Jupiter to 454 ft South of Dove Meadow Blvd	Widen from 2 to 4 lanes divided roadway and curb and gutter, Phase 1	64.67	17	4	\$10,298,198	2021	No	P, H	
N40-04	0909-36-901	Nolanville City Park Connectivity	Park (North Mesquite) along Ave H to 10th Street	Construct 10' sidewalk, ADA ramps, and crosswalks; widen pavement by 32" with curb and gutter	72.34	6	3	\$1,558,802	2021	No	P	
A45-01	0909-36-905	HCTD Fleet Replacement Project	Hill Country Transit, Killeen UZA-Two, Temple UZA-One	Purchase Buses to Provide Transportation	N/A	N/A	N/A	\$1,145,000	2021	N/A	N/A	

COMBINED CATEGORY 7 AND MPO CATEGORY 9 PROJECTS

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

MPO CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE PROGRAM)

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
K40-23	0909-36-160	Heritage Oaks Hike and Bike Trail, Segment 3A	Rosewood Dr from Nickelback Dr to Pyrite Dr	Construction of a hike and bike trail with lighting	23	1	1	\$800,000	2018	No	EJ, ARZ	FY15-17 Category 9 Funds: \$800,000
C40-04b	0909-39-132	The Narrows (RG III at Old Copperas Cove Rd)	RG III Blvd. from Constitution Dr to Old Copperas Cove Rd at Constitution Dr.	Construct sidewalks for pedestrian/bicycle use	70.87	9	10	\$680,000	2020	No	EJ, H	FY18-20 Category 9 Funds: \$680,000
B45-03	0909-36-169	13th Avenue Sidewalk & Shared Use Path	Main St (SH 317) to Waco Road (FM 817)	Construct 5' sidewalks on the north side of 13th Ave from Main St to Woodall; Transition to 10' SUP from Woodall to Waco Rd	72.16	7	4	\$423,611	2021	No	P	FY21-22 Category 9 Funds: \$423,611

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

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding
B40-04	0909-36-157	Chisholm Trail Corridor Hike and Bike Facility Phase II	University Blvd. 0.25 mile south of Crusader Way to Tiger Drive 0.10 mi north of Sparta Rd.	Construct sidewalks and shared use path--widths vary from 8 ft to 10 ft; includes landscaping and lighting.	N/A	N/A	N/A	\$2,670,615	2018	No	N/A	FY15 Statwide TAP Funds: \$6,118,899
K40-21a	0909-36-152	Killeen Heritage Oaks Hike and Bike Trail, Segment 4	Platinum Dr to Chaparral Rd	Construct shared use path for pedestrians and bicyclist	N/A	N/A	N/A	\$3,448,284	2017	No	EJ, ARZ	
B40-05	0909-36-163	Belton Hike and Bike Trail Extension South (South Belton Shared Use Path)	IH 35 from FM 436 to Confederate Park Drive	Construct 12 ft wide hike and bike trail. Project will extend along FM 436, IH 35 northbound frontage road and Confederate Park Drive.	N/A	N/A	N/A	\$1,790,570	2020	No	EJ, P	FY17 TASA Funds: \$1,790,570

GROUPED PROJECTS

KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	FY2017-2020 TIP	FY2019-2022 TIP
G01-PE	Various CSJs	Preventative Projects	Various Locations	Various Descriptions	\$12,579,008	\$0
G03-MT	Various CSJs	Maintenance Projects	Various Locations	Various Descriptions	\$37,602,002	\$20,009,216
G04-BR	Various CSJs	Bridge Projects	Various Locations	Various Descriptions	\$3,125,284	\$1,400,000
G06-SA	Various CSJs	Safety Projects	Various Locations	Various Descriptions	\$497,599	\$2,690,079

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

ROADWAY PROJECTS⁷

KTMO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding ⁴
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	EJ, H, P	
T40-07b	0909-36-174	Temple Outer Loop West Phase II	454 ft South of Dove Meadow to IH-35 S	Widen from 2 to 4 lanes with divided roadway and curb and gutter; includes hike & bike trail and bike dedicated lanes to incorporate multimodal transportation	64.67	17	4	\$9,701,802	2027	No	P, H	
K30-13	0909-36-175 0909-36-172	Chaparral Rd	SH 195 to FM 3481 (Stillhouse 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	EJ, H	Short Range Funding: \$46,096,645
D40-01	N/A	North Waco Rd (Old 81)	West Main St. to West Big Elm	Widen from 2 to 4 lanes, with curb and gutter, bridge improvements	52.64	44	6	\$4,600,000	TBD	No	—	
H30-05	0909-36-171	Warriors Path Upgrade	FM 2410 (Knights Way) to Old Nolanville Rd	Create a two lane road section with a left turn lane at future school, curb and gutter, 6 ft sidewalk on west side and a 10ft wide hike/bike path on east side	48.17	50	7	\$8,968,950	2025	No	H	
N40-03	N/A	Old Nolanville Road Bridge Expansion and Bike/Pedestrian Project	Bridge on Old Nolanville Rd to US 190/IH 14	Reconstruct bridge on Old Nolanville Road and add multi-use trail system to connect to existing trail system.	49.84	46	8	\$1,602,700	TBD	No	—	
S40-03	N/A	Salado West Village Road Capacity and Enhancement Project	Thomas Arnold Rd to IH 35	Widening roadway, add turn lanes and bike/ped facilities	36.45	66	9	\$300,500	TBD	No	—	
T15-06k	N/A	IH 35	US 190/IH 14 to Loop 363	Reconstruct and widen to 8 lanes	78.27	1	10	\$129,700,000	TBD	Yes	EJ, H	
C35-02ab ⁵	N/A	FM 116 Railroad Underpass	S Main (through existing parking facility) to Ave B	Create an underpass at the existing BNSF railroad with sidewalks	71.73	4	12	\$13,470,000	2023	Yes	EJ	
W25-02	N/A	SH 36	SH 317 to Lake Belton Bridge	Widen from 2 to 4 lane divided roadway	71.63	5	13	\$36,715,000	TBD	No	P	
W35-04	N/A	FM 439	Roy Reynolds Drive to FM 3219	Widen from 4 to 6 lanes	70.27	6	14	\$11,539,000	TBD	No	EJ	
H45-03	N/A	FM 3481 (Stillhouse Lake Road) Phase 1	Prospector Trail to Proposed Chaparral Road Intersection	Widen roadway from 2 to 4 lanes with a continuous center turn lane with sidewalks	69.33	7	15	\$6,566,500	2024	No	H, ARZ, P	
W30-23	N/A	US 190/Loop 363	Spur 290 to SH 95	Upgrade to 4 lane freeway with continuous frontage roads and grade separation at MLK Blvd	68.36	8	16	\$16,784,000	TBD	Yes	EJ	
C30-03a	N/A	Business US 190 - Phase II	FM 1113 (Ave D) to FM 1116 South	Convert the center turn lane to a controlled left turn lane with raised median, maintain the two existing travel lanes, add curb and gutter on north and south sides of the roadway, 6' sidewalk on the south side right-of-way, pedestrian crossings with curb ramps at street intersections, bicycle lanes on the outside travel lanes.	68.16	10	17	\$7,400,000	2022	Yes	EJ	
W35-08	N/A	FM 93	FM 1741 to SH 95	Widen from 2 to 4 lanes, provide for a raised median and construct grade separation at UP RR	66.44	11	18	\$12,588,000	TBD	Yes	H	
H45-01	N/A	E. FM 2410 (E. Knights Way) Phase 1	Cedar Knob Rd to Warriors Path	Widen from 2 to 4 lanes with curb and gutter and sidewalks	66.35	12	19	\$5,561,600	TBD	No	—	
W30-13	N/A	FM 2484	FM 1670 to IH 35	Widen from 2 to 4 lane divided roadway	65.99	13	20	\$3,147,000	TBD	No	P	
W30-21	N/A	Loop 363 at FM 2305 (Adams Ave) Reconfiguration	Intersection of Loop 363 and FM 2305 (Adams Ave)	Reconstruct interchange at FM 2305 (Adams Ave) and LP 363	65.45	14	21	\$18,000,000	TBD	Yes	EJ	Long Range Funding: \$378,524,579
K40-24	N/A	Featherline Drive	Stagecoach Rd to Chaparral Rd	Widen from two to four lanes with a center turn lane and roundabouts at Featherline Rd and Stagecoach Rd and Stagecoach Rd at W.S. Young Drive	65.00	15	22	\$9,000,000	2025	No	EJ	
H15-01	N/A	FM 3423 (Indian Trail)	Business 190 (YMB) to US 190/IH 14	Construct an urban cross-section roadway with sidewalks, median and pedestrian enhancements within the appropriate context sensitive cross section	64.55	18	23	\$3,391,800	TBD	No	—	
T35-36a	N/A	S. 1st Street/Spur 290 Improvements	SE Loop 363 to Ave M	Widen from 4 lane undivided to 4 lane divided roadway with curb and gutter, hike and bike trails and will incorporate multimodal design	64.45	19	24	\$8,500,000	TBD	Yes	EJ	
K40-11	N/A	WS Young Drive	Mall Dr to AJ Hall Blvd	Add turn lane and relocate traffic signal at Mall Dr to AJ Hall Blvd	64.09	20	25	\$4,889,549	TBD	Yes	EJ	
N40-06	N/A	Nolanville Railroad Crossing Safety	Pleasant Hill Cemetery Rd to Jack Rabbit Road (4 RR Crossings)	Upgrade crossings for better connections and safety	63.18	21	26	\$500,000	TBD	No	—	
D40-03	N/A	Old TX 81 - Phase I	FM 1237 to Loves Overpass	Widen from 2 to 4 lanes with bicycle lanes and curb and gutter	61.55	22	27	\$3,500,000	TBD	No	H	
H45-04	N/A	FM 3481 (Stillhouse Lake Road) Phase 2	Proposed Chaparral Road Intersection to South City Limits	Widen roadway from 2 to 4 lanes with a continuous center turn lane with sidewalks	60.84	24	28	\$6,306,620	TBD	No	H, ARZ, P	
K40-16	N/A	East Trimmer Rd Improvements	Stagecoach Rd to Chaparral Rd	Widen roadway from 2 to 4 lanes with a continuous center turn lane with sidewalks and bike lanes	60.84	23	29	\$7,000,000	TBD	No	EJ	
H30-01	N/A	Business US 190 (Veterans Memorial Blvd)	N Roy Reynolds to US 190/IH 14	Reduce roadway profile, install curb & gutter, access management/driveway control, drainage improvements, sidewalks, medians and other context sensitive solutions	60.19	26	30	\$5,000,000	TBD	No	EJ, L, H	
B40-10	N/A	FM 1670	US 190 to Three Creeks Boulevard	Widen from 2 to 4 lane roadway with a 10' hike and bike trail	59.45	28	31	\$5,643,360	TBD	No	EJ, H	
W35-02	N/A	SH 195 at FM 3470 (SS Loop) Reconstruction	Intersection of SH 195 at FM 3470 (SS Loop)	Upgrade Interchange	59.17	29	32	\$52,450,000	TBD	Yes	EJ	

T45-16	N/A	South 1st Street Extension	Loop 363/US 190 to Blackland Rd	58.49	30	33	\$10,830,000	2020	No	—
K25-04	N/A	SH 195 Overpass	At Business 190	58.35	31	34	\$20,000,000	TBD	Yes	EJ
B40-11	N/A	FM 2271 (Lake to Lake Road)	FM 1670 to FM 2271	57.74	32	35	\$49,700,000	TBD	No	EJ, H, P
T45-15	N/A	Temple Outer Loop - East	IH 35 N to FM 93 at Business 190	57.34	33	36	\$74,000,000	2023	No	EJ
B40-07	N/A	Connell Street	US 190/IH 14 to Loop 121	56.64	34	37	\$5,244,000	TBD	No	EJ
W35-09	N/A	FM 93	SH 95 to SH 36	56.37	35	38	\$5,245,000	TBD	Yes	EJ
K40-26	N/A	Cunningham Rd	US 190/IH 14 to Little Nolan Rd	56.27	36	39	\$7,817,350	TBD	No	EJ
K40-03	N/A	FM 3470 Extension	SH 201 (Clear Creek Rd) to US 190 Bypass	56.17	37	40	\$15,000,000	TBD	No	H
H45-02	N/A	E. FM 2410 (E. Knights Way) Phase 2	Warriors Path to Rummel Rd	55.84	38	41	\$5,149,800	TBD	No	L
K40-17	N/A	Trimmier Road Improvements	Stagecoach Rd to Chaparral Rd	55.34	39	42	\$7,900,000	TBD	No	EJ, P
K30-23	N/A	Jasper Bridge Expansion	S Florence Rd to Jasper Dr	54.99	40	43	\$24,628,150	TBD	No	EJ
K25-05	N/A	Florence Rd	Elms Rd to Jasper Dr	54.72	41	44	\$6,292,450	TBD	No	EJ
B40-08	N/A	Sparta Road	Loop 121 to Dunn's Canyon Rd	54.46	42	45	\$2,080,000	TBD	No	H, P
W35-05	N/A	SH 195 at US 190/IH 14	At SH 195	54.36	43	46	\$52,450,000	TBD	Yes	EJ
T15-02	N/A	Kegley Road (Phase 2)	856 ft S of FM 2305 to 450 ft S of Wildflower Lane	51.63	45	47	\$3,800,000	TBD	No	H
T45-13	N/A	Little River Road	SE HK Dodgen Loop to FM 93	49.84	46	48	\$12,888,000	TBD	No	EJ
K40-25	N/A	Bunny Trail/SH 201 (Clear Creek Rd) Traffic Signal	Intersection of Bunny Trail and SH 201 (Clear Creek Rd)	49.36	48	49	\$190,000	TBD	Yes	EJ
W35-03	N/A	SH 195	FM 3470 (S Loop) to Chaparral Rd	48.45	49	50	\$39,862,000	TBD	Yes	EJ, H
B40-02	N/A	Southwest Parkway	Loop 121 to W Ave O	48.10	51	51	\$4,200,500	TBD	No	—
N45-01	N/A	FM 439 Roundabout	Intersection of Main St (FM 439 Spur) and Avenue I	47.83	52	52	\$10,000,000	2022	No	—
T45-11	N/A	East Young Avenue	Lower Troy Rd to Loop 363	47.50	53	53	\$3,940,000	2023	No	EJ
K40-06	N/A	FM 2484	SH 195 to IH 35	45.08	54	54	\$35,000,000	TBD	No	H, ARZ, P
B30-02	N/A	Shanklin Road West - Outer Loop	IH 35 to east end of Three Creeks subdivision	44.82	55	55	\$10,820,000	TBD	No	—
B40-09	N/A	West Avenue D	Loop 121 to Wheat Rd	44.09	56	56	\$4,918,500	TBD	No	EJ
N45-03	N/A	Nola Ruth Reconfiguration	Intersection of Nola Ruth Blvd at US 190/IH14	43.84	57	57	\$10,000,000	2025	No	—
B30-03	N/A	Belton Outer Loop East	IH 35 at Shanklin Rd to FM 436	43.46	58	58	\$12,060,000	TBD	No	—
B40-01	N/A	Huey Drive	Washington Dr to IH 35 Frontage Rd	42.92	59	59	\$2,615,000	TBD	No	EJ
T45-17	N/A	Azalea Drive	Loves Dr to S. 1st St. Future Extension	42.50	60	60	\$4,975,000	2020	No	EJ
B30-01	N/A	George Wilson Extension	FM 93 at George Wilson Rd to FM 439	42.19	61	61	\$1,386,984	TBD	No	EJ
H30-03	N/A	FM3219	Veterans Memorial Blvd/Business 190 to FM 439	42.10	62	62	\$8,000,000	TBD	No	L, H
B45-08	N/A	Mesquite Road Improvements	I-35 Frontage Rd to Shanklin Rd	41.50	63	63	\$3,591,000	2020	No	H
N45-02	N/A	FM 439 Shoulder Improvements & Bike Lanes	N. 38th St to Sparta Rd	38.17	64	64	\$1,600,000	2020	Yes	EJ, P
N40-07	N/A	Warrior's Path Extension Phase I	Old Nolanville Rd to US 190/IH 14	38.08	65	65	\$5,703,255	TBD	No	H
T45-10	N/A	East Avenue C	14th St to 24th St	35.17	67	66	\$2,630,000	2023	No	EJ
T45-12	N/A	Lake Pointe Drive	SH 317 to Clinite Grove (Future Collector)	33.49	68	67	\$4,000,000	2023	No	—
T45-14	N/A	Lower Troy Road	East Young Ave to Loop 363	29.33	69	68	\$6,920,000	2023	No	EJ

Regionally Significant Unfunded List

H40-03 ^s	N/A	Chaparral Road	FM 3481 to Killeen City Limits on Chaparral Rd	Widen and straighten roadway and construct hike/bike trail	N/A	N/A	N/A	N/A	N/A	N/A	No	H
C25-02	N/A	FM 1113	Signal Light at FM 1116/Ave B to Summers Rd	Widens from 2 to 4 lanes with ADA-Compliant sidewalks	N/A	N/A	N/A	N/A	N/A	N/A	No	H
C25-04	N/A	North Side Loop	FM 1113 to FM 1116	Widen from 2 to 4 lanes with raised median curb and gutter with enclosed storm drainage	N/A	N/A	N/A	N/A	N/A	N/A	No	—
C40-01	N/A	FM 116 South	Copperas Cove City limits to SH 201	Upgrade Ivy Gap Rd and Ivy Mountain Rd to FM status, widen roadway from 2 to 5 lanes with curb and gutter	N/A	N/A	N/A	N/A	N/A	N/A	No	EJ, L, H, ARZ
H40-04	N/A	E FM 2410	East side from FM 2410 Community Park to Simmons Rd	Expand roadway to include curb & gutter, access management control, turning lanes, drainage improvements, and context sensitive solutions	N/A	N/A	N/A	N/A	N/A	N/A	No	EJ, L, H
N40-08	N/A	Warrior's Path Extension Phase II	US 190 to FM 439	Construct 2 lane roadway	N/A	N/A	N/A	N/A	N/A	N/A	No	—
N40-10	N/A	FM 439 Safety Improvements	FM 439 at Lonesome Oak Dr	Add turning lane, shoulder expansion and possible traffic signals/signs	N/A	N/A	N/A	N/A	N/A	N/A	No	—
W30-06	N/A	SH 201 @ Killeen Airport	Killeen Airport Entrance	Construct interchange	N/A	N/A	N/A	N/A	N/A	N/A	Yes	EJ, H
W40-04a2	N/A	Loop 121 Phase 1b	US 190 to IH 35	Widen from 2 to 4 lane divided roadway with raised median	N/A	N/A	N/A	N/A	N/A	N/A	Yes	EJ, H, P
W40-04b	N/A	Loop 121 Phase 2	IH 35 to FM 436	Widen from 2 to 4 lane divided roadway with bike/ped improvements	N/A	N/A	N/A	N/A	N/A	N/A	No	EJ, H, P

Unscored/Unfunded List

TRANSPORTATION CHOICES/LIVABILITY PROJECTS⁸

KTMO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding ⁴
T40-13	0909-36-173	Temple's Georgetown Rails to Trails	S. 5th St to FM 93	Construct 10 ft wide hike/bike trail	84.73	3	2	\$2,000,000	2026	No	EJ, H, P	Short Range Funding: \$5,099,965
D40-02	N/A	North Waco Rd. (Old 81) - Sidewalk	West Main St to West Big Elm	Construct 10' wide pedestrian/bicycle facility	69.02	11	5	\$1,700,000	2027	No	---	
K45-01	N/A	Heritage Oaks Hike & Bike Trail Segment 2	Stiltstone to Fawn Dr	Construct shared use path for pedestrian and bicyclists	58.57	26	6	\$1,200,000	2020	No	EJ	
S40-02	N/A	Salado Creek Off-Road Trail: Pace Park	Pace Park along Pace Park Rd	Construct 10 ft wide trail	57.44	27	7	\$199,965	TBD	No	ARZ, ES, P	
B45-01	N/A	Belton's Georgetown Rails to Trails	E Ave. B to Leon River Bridge	Construct 10 ft. wide shared use path to connect KTMO projects B40-05 and T40-13	86.01	2	8	\$2,040,000	TBD	No	EJ, H	
T45-02	N/A	Downtown Sidewalks - 1st and 3rd Street	Mayborn Civic Center to Avenue F	Construct and repair sidewalks with ADA-compliance ramps, crosswalks and landscaping	75.42	4	9	\$2,720,000	TBD	Yes	EJ, P, H	
B45-02	N/A	6th Avenue Sidewalk & Shared Use Path	Main St (SH 317) to I-35 Frontage Rd	Construct 6 ft. wide sidewalk on north side of 6th Ave. 10 ft. wide SUP on the south side and relocate utilities underground.	73.44	5	10	\$5,000,000	TBD	Yes	EJ, L	
B45-05	N/A	Commerce/Industrial Shared Use Path	Sparta Rd to Main St (SH 317)	Construct 10 ft. wide shared use path on east side of Commerce St and north side of Industrial Park Rd; provide curb and gutter along Commerce St	72.15	8	11	\$1,233,333	TBD	No	H	
B40-12	N/A	Belton Hike and Bike Trail Extension Southwest	Confederate Park to Nolan Creek Pedestrian Bridge	Construct 10 ft. wide hike/bike trail	71.08	9	12	\$3,252,480	TBD	No	EJ, H, P	
T45-03	N/A	East Central Sidewalks	MLK Drive to N. 22nd St.	Construct 6 ft wide sidewalks, repair existing sidewalks with crosswalks and landscaping.	69.29	10	13	\$600,000	TBD	No	EJ, P	
B45-04	N/A	Beal Street Sidewalk	E 24th Ave to E. 6th St.	Construct 5' sidewalk on east side from E. 24th Ave to Downing St, construct 5' sidewalk on both sides from E 13th Ave to Railroad Track, and construct 5' sidewalk on west side from railroad track to E. 6th Ave with bicycle signage along entire project	69	12	14	\$282,500	TBD	No	EJ, P	
T45-08	N/A	West Adams Sidewalks	Olaf Drive to IH 35	Construct 6 ft wide sidewalk	68.71	13	15	\$950,000	TBD	Yes	EJ	
T45-06	N/A	South Pea Ridge Greenbelt Trail	West Adams Ave (FM 2305) to Poison Oak Rd	Construct 8 ft wide trail along linear park east of S. Pea Ridge Rd and through Von Rosenberg Park	66.57	14	16	\$1,680,000	2023	No	P	
T40-25	N/A	Bird Creek Interceptor Trail	N side of Lions Community Park to Midway Dr (near Bonham Middle School)	Construct 8 ft wide trail	66.43	15	17	\$375,000	TBD	No	P	
B45-07	N/A	Avenue H Sidewalk/Road Improvements	Main St (SH 317) to Saunders St.	Construct 5' wide sidewalk on north side of Ave H with Bicycle Signage and reconstruct roadway and widen to 2 lanes from Connell St. to Saunders St.	66	16	18	\$429,167	TBD	No	EJ	
T45-09	N/A	Apache Drive Sidewalks	West Adams Ave (FM 2305) to Gila Trail	Construct 6 ft. wide sidewalks and crosswalks	65.84	17	19	\$325,000	2023	No	EJ	
T45-07	N/A	Temple Lake Park Connection	FM 2271 to Temple Lake Park	Construct 8 ft wide hike and bike trail	64.56	18	20	\$2,640,000	2023	No	P	
T25-05	N/A	FM 2271 Trail	FM 2305 to Miller Spring Park	Construct 8 ft wide trail	63.88	19	21	\$950,000	TBD	Yes	H, P	
T45-04	N/A	Friars Creek Trail	Friars Creek Trail Terminus to S. 1st St. Future Extension	Construct 10 ft wide hike/bike trail to extend and connect to existing trail sections.	63.85	20	22	\$500,000	2023	No	---	
N40-05	N/A	FM 439 Spur Connectivity	Main St to North Dr	Construct 10' wide sidewalk, ADA ramps and crosswalks, improve shoulders at Main St	63.71	21	23	\$967,500	TBD	No	---	
T45-01	N/A	Canyon Creek Trail	Canyon Creek Dr to Lions Park	Construct 8' hike & bike trail	62.58	22	24	\$720,000	2023	No	P	
S40-01	N/A	Salado Creek Shared Use Path - Royal Street	Main St at College Hill Dr to 0.09 mi N of Royal St on Center Circle	Construct alternate transportation route consisting of shared-use path for pedestrians and bicyclists	62.42	23	25	\$368,959	TBD	No	ARZ, H, ES	
T45-05	N/A	Hickory Road Sidewalk	Midway Dr to Aspen Trail	Construct 6' sidewalk with crosswalks	61.43	24	26	\$500,000	TBD	No	P	
B45-06	N/A	Central Avenue Sidewalk & Traffic Signals	Main St (SH 317) to Pearl St.	Upgrade to a 5 ft. wide sidewalk on north side of Central Ave and install pedestrian crossing infrastructure at intersection of Main St (SH 317) to Pearl St.	59.29	25	27	\$403,125	TBD	No	---	
N40-09	N/A	Pleasant Hill Rd	Lonesome Oak Drive to Ave 1	Construct Class 2, buffered on-street bike lane	N/A	N/A	N/A	\$500,000	N/A	No	H	Unscored/Unfunded List
N40-11	N/A	Nolan Creek Off System Trail	Bridge on Old Nolanville Rd to Levy Crossing	Construct 10 ft. multi-use trail boarding Nolan Creek	N/A	N/A	N/A	N/A	N/A	No	H	
N40-12	N/A	Jack Rabbit Road Bike Thoroughfare	US 190 to FM 439 and through Park to School	Add Class 2 Bike Lanes on system	N/A	N/A	N/A	N/A	N/A	No	---	
N40-13	N/A	Wild Wood Trail	Lonesome Oak Drive to Ave 1	Construct an 8 ft. wide multi use trail	N/A	N/A	N/A	\$400,000	N/A	No	---	
S40-04b ¹	N/A	Main St. Sidewalks Phase 2	College Hill Dr to Salado Plaza Dr	Main St improvements to include pavement widening, bike paths, drainage improvements.	N/A	N/A	N/A	\$2,223,044	N/A	No	H, ARZ, ES	
K40-21b	N/A	Heritage Oaks Hike & Bike Trail Segment 5	Chaparral Rd	Construct shared use path for pedestrian and bicyclists	N/A	N/A	N/A	\$1,300,000	N/A	No	EJ, ARZ	

TRANSIT PROJECTS

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

GROUPED PROJECTS

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

Notes:

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

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

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

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

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

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

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

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

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

MTP Amendment Dates

January 21, 2015	November 16, 2016	December 21, 2017*
November 18, 2015	June 21, 2017	March 14, 2018
January 20, 2016	July 5, 2017*	October 24, 2018
April 20, 2016	August 28, 2017*	January 16, 2019
August 17, 2016	November 16, 2017*	17-Apr-19

* Administrative Amendments

End of Packet