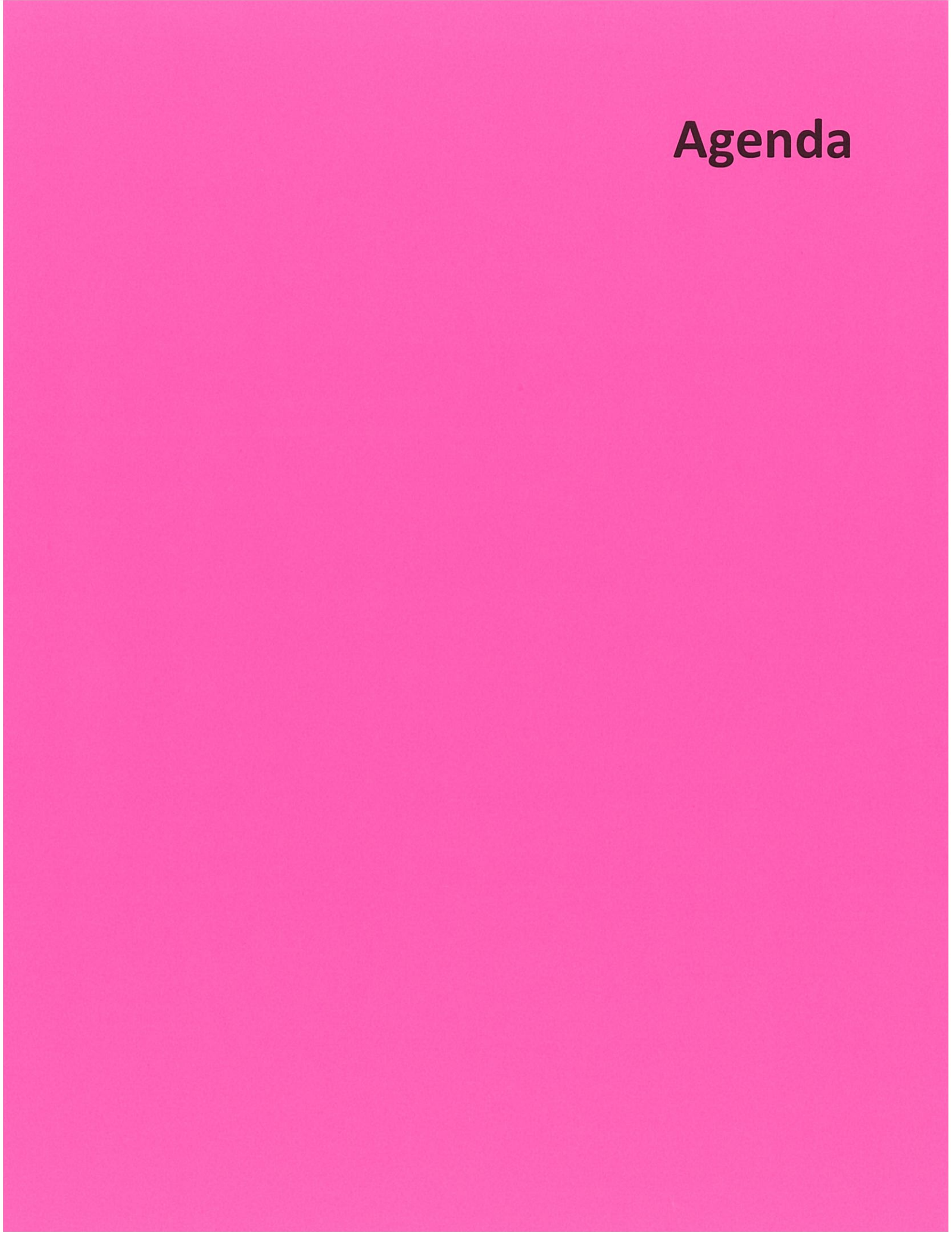




Technical Advisory Committee Meeting

**August 3, 2016
9:30 a.m.**

Agenda





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

**Wednesday, August 3, 2016
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.
4. **Action Item:** Approve meeting notes from July 6, 2016 meeting.
5. **Action Item:** Regarding recommendation for approval of amendment to the 2040 Metropolitan Transportation Plan (MTP) to add the Belton Loop 121 project from FM 436 to IH 35.
6. **Action Item:** Regarding recommendation for approval of the Congestion Management Process Congested Segment Prioritization Tool and resulting congestion network.
7. **Discussion and Possible Action Item:** Regarding MTP Re-Prioritization Project Call status and possible adjustments.
8. Member comments.
9. Adjourn.

Workshop (If Needed) - To Follow Regular Scheduled Meeting AGENDA

1. Call to order.
2. Discussion on any of the following topics:
 - 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 Notes

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

Wednesday July 6, 2016

9:30 a.m.

Central Texas Council of Governments (CTCOG)

2180 N. Main Street

Belton, TX 76513

Technical Advisory Committee Voting Members

Sam Listi for Erin Smith—City of Belton

Dan Yancey for Andrea Gardner—City of
Copperas Cove

Scott Osburn for Ann Farris—City of Killeen

Brian Chandler—City of Temple

Bryan Neaves—Bell County

Judge John Firth—Coryell County

Robert Ator for Carole Warlick—Hill Country Transit
District (HCTD)

Michael Bolin—Texas Dept. of Transportation
(TxDOT) Waco District

Jason Scantling—TxDOT Brownwood District

Technical Advisory Committee Non-Voting Members

Kristina Manning for Mary E. Himic—Ft. Hood

Kara Escajeda—City of Nolanville

Additional Attendees

David Olson—City of Killeen

Liz Bullock—TxDOT Waco District

Jim Harvey—Alliance Transportation Group (ATG)

Jonathan Mosteiro—ATG

Ralph Gauer-Sen. Fraser's Office

Christina Demirs—KTMPO

Jason Deckman—KTMPO

Cheryl Maxwell—KTMPO

John Weber—KTMPO

Meeting Notes

1. Call to Order: Cheryl Maxwell called the meeting to order at 9:35 a.m.

2. Opportunity for Public Comment: No comments were made from the public.

3. Staff Update: KTMPO staff provided an update on the following items:

--Cheryl Maxwell stated that the summer edition of the KTMPO newsletter was available and features the City of Killeen. Each newsletter will feature a different city; the City of Temple will be featured in the fall newsletter.

--Cheryl Maxwell provided an update on the 2040 Metropolitan Transportation Plan (MTP) Re-Prioritization. Ms. Maxwell provided TAC members with a tentative schedule. The project call started on June 25, 2016 and will close on August 12, 2016. From August 15, 2016 through August 19, 2016, objectives scores will be assign with TAC assigning subjective scores from August 22 through August 31, 2016. A pre-scoring workshop is tentatively set for Wednesday, August 24, 2016 at 9:30 a.m.

--Cheryl Maxwell provided an update on the Freight Advisory Committee. The first meeting is set for July 26, 2016. KTMPO is still looking for members from private industries to be part of this committee.

--John Weber provided an update on the Bicycle/Pedestrian Advisory Committee (BPAC). The next BPAC meeting will be held on Tuesday, July 12, 2016 at 9:00 a.m.

--John Weber also provided an update on air quality for the month of June. The highest 8-hour average ozone reading at the Temple station was 68 parts per billion and the Killeen station was 67 ppb. The design value, if calculated to date, is 67 ppb at Temple and 66 ppb at Killeen.

4. Action Item: Approve minutes from June 1, 2016 meeting.

Brian Chandler made a motion to approve June 1, 2016 meeting minutes, seconded by Sam Listi; the motion passed unanimously.

5. Presentation and Discussion Item: Regarding Congestion Management Process Congested Segment Prioritization Tool presented by Alliance Transportation Group.

Jonathan Mosteiro from Alliance Transportation Group gave a presentation on the Congestion Management Process (CMP) update and how to use the Congestion Management Process Congested Segment Prioritization Tool. Currently, Alliance is identifying and evaluating strategies that prioritizes the congested hotspots in the KTMPO region. Alliance used public input and traffic data sources to conduct their analysis on congested regions in the KTMPO. To receive public input, a survey was created; 222 responses were collected from the survey. 90% of the respondents stated that congestion is a "significant problem" for the region with the major causes of congestion being construction, lack of road capacity and ineffective signals. Respondents stated that they face an average of 15 minutes of delay per day. Mr. Mosteiro also provided performance measures that were recommended in the 2013 CMP.

To conduct the evaluation process, Mr. Mosteiro provided a demonstration on the CMP Congested Segment Prioritization Tool that Alliance developed. This tool ranks and prioritize corridors based on different criteria. These criteria include volume, safety, public input, school, transit, and congestion rank. By changing the weight of the criteria, the rank of the corridors change. This tool will be sent out to TAC members to receive feedback on the criteria weights.

The floor was open to questions. For the weighted criteria, multi-modal, air quality, and construction issues were asked to be considered. For multi-modal and air quality, Alliance stated that it is difficult to put these factors into the tool because they are not direct causes of congestion. Since the CMP is used for long-term planning, construction is not a feasible option since construction projects are temporary, but Alliance will look into separating congestion caused by construction and congestion due to other causes. To address driveway access, the CMP will outline problems and possible solutions.

6. Member Comments.

Sam Listi stated that the City of Belton will hold a dedication ceremony for the West MLK, Jr. Avenue extension project. The dedication is scheduled for July 12, 2016 at 1:30 p.m.

7. Adjourn.

The meeting adjourned at 10:34 a.m.

These notes were approved by the TAC members at their meeting on _____.

Cheryl Maxwell, KTMPO Director

Item 5:

2040 MTP Amendment

MTP Amendments for Belton Project

Amendment Summary:

The Belton Loop 121 project (widen from 2 to 4 lanes) was approved for TxDOT development funds at the previous meeting. It is broken into three project sections; however, one section is not currently in the MTP. The section being added extends from FM436 to IH35 (MPO ID 40-04). The estimated cost of this project at this time is \$5.1 million. This project will be placed in the unfunded section of the MTP to allow TxDOT to begin preliminary engineering and plan development.

Background:

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

Tentative Schedule:

- June 22, 2016—TPPB approval to initiate the public involvement process for MTP amendment;
- June 25-July 9, 2016—Public Comment Period;
- June 27, 2016—Public Hearing
 - 5:00pm—CTCOG building, Room A1
 - 2 Comments received in favor
- August 3, 2016—TAC recommendation to approve MTP amendment;
- August 17, 2016—TPPB approval of MTP amendment.

Action Needed:

TAC recommendation to approve MTP amendment.

2040 Metropolitan Transportation Plan Project Listing

SHORT RANGE FUNDED (2014-2023) USING PRIOR ALLOCATED FUNDING

KTMP ID	Project Name	Full Extents	Description	PE Cost	ROW Cost	CON Cost	
B15-01	W 9th Ave	Loop 121 to University Dr on UMHB campus	Construct new roadway and bridge	\$ -	\$ -	\$ 3,990,610	Metro Mobility (Category 7)
C35-04	Courtney Lane Sidewalks	FM 116 to Fairbanks St	Construct roadway/pedestrian improvements, including right turn lane and replacement of curb ramps/driveway	\$ -	\$ -	\$ 273,133	
K35-03	W Trimmer Rd	Jasper Dr to Elms Rd	Reconstruct and widen to six lanes, access drive improvements, install signals and turn lanes	\$ -	\$ -	\$ 8,214,573	
A35-02	Bus Replacement	HCTD service in Temple UZA	Two replacement 25-passenger (Type 11) fixed route buses	\$ -	\$ -	\$ 792,631	
B35-01	City Street	Loop 121 to University Dr on UMHB campus	Construct Chisholm Trail Corridor facility	\$ -	\$ -	\$ 1,569,750	TAP (previously Transportation Enhancements)
K35-02	City Street	Rimes to Watercrest Rd	Construct Killeen-Fort Hood Regional Trail, Segment 3	\$ -	\$ -	\$ 1,940,664	
D35-01	FM 935	Main Street to US Post Office Troy, TX	Construct downtown Troy Streetscape-Historic Commercial District	\$ -	\$ -	\$ 499,388	
T25-06	Loop 363	At Spur 290	PHASE 1 of interchange construction	\$ -	\$ -	\$ 9,984,000	Category 1 & Local
A35-01	Bus Replacement	HCTD service in Killeen UZA	Replacement of ADA-accessible paratransit buses	\$ -	\$ -	\$ 77,930	FTA 5339

SHORT RANGE FUNDED (2014-2023)

KTMP ID	Funding Category	Description	
M30-01a	Preventive Maintenance and Rehabilitation	Various Locations	Grouped CSJ Placeholder
M30-06a	Structures Replacement	Various Locations	
M30-08a	STP Safety	Various Locations	
	*District Discretionary (Category 11)	Various Locations/Projects	Placeholder

STATEWIDE TAP (Transportation Alternatives Program) PROJECTS (Category 9)

KTMP ID	Project Name	Full Extents	Description	PE Cost	ROW Cost	CON Cost	Programmed Amount	
K40-21	Heritage Oaks Hike & Bike Trail Segment 4	Proposed Rosewood Elementary to USACE property at approx 1 mile N of Cedar Gap Park	Shared Use Pedestrian/Bicycle Path	\$ -	\$ -	\$ -	\$ 3,448,284	Statewide TAP FY13 - FY16
B40-04	Chisholm Trail Corridor Hike and Bike Phase II	0.25 MI S of Crusader Way to Sparta Rd @ Commerce St.	Construct alternative transportation route consisting of shared-use path for pedestrian and bicyclists.	\$ -	\$ -		\$ 2,670,615	
N40-02	Old Nolanville Road Elementary Bicycle and Pedestrian Safety Improvements	Old Nolanville Rd@Warriors Path Rd to Shaw Branch Creek	Construct alternate transportation route consisting of shared-use path for pedestrians and bicyclists.	\$ -	\$ -		\$ 601,587	
S40-01	Enhancements along Salado Creek	Main St @ College Hill Dr to 0.09 MI N of Royal St on Center Cir	Construct alternate transportation route consisting of shared-use path for pedestrians and bicyclists.	\$ -	\$ -		\$ 368,959	
							\$ 7,089,445	Total

MPO TAP (Transportation Alternatives Program) PROJECTS (Category 9)

KTMP ID	Project Name	Full Extents	Description	PE Cost	ROW Cost	CON Cost	Programmed Amount	
T40-11	N. 31st St. Sidewalks & Enhance.	N. 31st Street from SH53 to Nugent Drive	PHASE 1 of T40-11 to Construct alternative transportation route of Pedestrian/Bike Trail	\$ -	\$ -	\$ 307,740	\$ 307,740	TAP FY13 & FY14
C40-03	Avenue D Streetscape	FM1113 from FM116 to Main Street	Construct streetscape improvements to downtown Copperas Cove	\$ -	\$ -	\$ 198,197	\$ 198,197	
K40-20	Brookhaven Bike/Ped Trail	Traverse Drive to Brookhaven Elementary School	Construct alternative transportation route of Pedestrian/Bike Trail	\$ -	\$ -	\$ 312,532	\$ 312,532	
K40-23	Heritage Oaks Hike & Bike Trail Segment 3A	Flagstone Drive to Pyrite Drive	Construct Alternate Transportation Route Consisting of Shared-Use Path for Pedestrians & Bicyclists				\$ 800,000	TAP FY15 - FY17
C40-02b	Avenue D Streetscape, Phase 3	South 1st Street to South 3rd Street	Construct multi-terraced pedestrian walkway to include ramps, railings, crosswalk				\$ 351,642	
							\$ 1,970,111	Total

2040 Metropolitan Transportation Plan Project Listing

MPO PROPOSITION 1 PROJECTS

KTMO ID	Project Name	Full Extents	Description	PE Cost	Row Cost	CON Cost	Programmed Amount	
W40-01	SH 317	FM 2305 to FM 439	Widen from 2 to 4 lane with raised median	\$ -	\$ -	\$ -	\$16,000,000	FY 15
H15-02b	FM 2410	Roy Reynolds Dr to Commercial Dr	Widen from 2 to 4 lane roadway, with sidewalks, median and turn lanes in a context sensitive design	\$ -	\$ -	\$8,800,000	\$8,800,000	FY 16
W40-02	US 190	1.0 mi West of FM2410 (Knights Way) to FM 3423 (Indian Trail)	Widen from 4 to 6 lane roadway.	\$ -	\$ -	\$ -	\$9,000,000	FY 17
							\$33,800,000	Total

MPO CATEGORY 7 PROJECTS

KTMO ID	Project Name	Full Extents	Description	PE Cost	ROW Cost	CON Cost	Programmed Amount	
A40-03	Bus Replacement FY15/16/17	Killeen/Temple UZA	Purchase of Fixed Route Service (FRS) buses and/or Special Transit Service buses	\$ -	\$ -	\$ -	\$ 1,214,606	FY15, FY16 & FY17
B40-03	Main St Sidewalks	Avenue C to Avenue J	Phase 1 of the proposed sidewalk expansion will include the repair and installation of sidewalks	\$ -	\$ -	\$ -	\$ 379,308	
C40-02a	Ave D Sidewalk	South Main St. to South 2nd St.	Construct multi-terraced pedestrian walkway to include ramps, railings, crosswalk	\$ -	\$ -	\$ -	\$ 273,777	
H40-02	Traffic Circle at Commercial Dr	Intersection of Commercial Dr. and Heights Dr.	Construct traffic circle at intersection of Commercial Dr. and Heights Dr.	\$ -	\$ -	\$ -	\$ 489,249	
K30-02	Rosewood Dr Extension	Riverstone Dr to Chaparral Rd.	Construction of a 4 lane roadway with center median with and off-system bridge	\$ -	\$ -	\$ -	\$ 7,950,000	
N40-01	Main Street Connectivity	Avenue I to US190 Frontage	Construct ADA bicycle/pedestrian pathways along Main Street and under US190	\$ -	\$ -	\$ -	\$ 596,386	
T35-24	Prairie View Road Enhancements	West of SH 317 to N. Pea Ridge	Construction of a 4 lane roadway, aligning FM 2483 to Prairie View Road with signalized intersection	\$ -	\$ -	\$ -	\$ 6,480,000	
							\$ 17,383,326	Total

ROADWAY PROJECTS

KTMO ID	Project Name	Full Extents	Description	PE Cost	ROW Cost	CON Cost	Programmed Amount	
K15-05	Elms Road	Carpet Ln to SH 195	Construct 5 lane section with shoulder	\$ -	\$ -	\$ -	\$ 4,509,497	Funded Projects Category 1, 2, 3 and/or 7: Forecasted **\$75,352,320
K40-07	WS Young	Bacon Ranch Rd to Little Nolan Rd	Add turn lane and traffic signal	\$ 50,000	\$ 100,000	\$ 850,000	\$ 1,000,000	
C30-03b	Business US 190 Phase II	RGIII Blvd to MLK Jr Blvd	PE Phase: Change the center turn to a raised center turn and convert one travel lane in each direction to 6' sidewalk 5' bicycle lane and 1.5' curb and gutter	\$ 160,265	\$ -	\$ 1,256,911	\$ 160,265	
C30-03a	Business US 190 Phase I	FM 116 S @ Business US 190 to Robertson Ave	PE Phase: Change the center turn to a raised center turn and convert one travel lane in each direction to 6' sidewalk 5' bicycle lane and 1.5' curb and gutter	\$ 132,218	\$ -	\$ 1,036,553	\$ 132,218	
C30-03c	Business US 190 Phase III	MLK Jr Blvd to Robertson Ave	convert one travel lane in each direction to 6' sidewalk 5' bicycle lane and 1.5' curb and gutter	\$ 108,180	\$ -	\$ 848,266	\$ 108,180	
H30-01	Business 190/Veterans Memorial Blvd	Roy Reynolds Dr to US 190	PE Phase: Reduce roadway profile, install curb & gutter, access management/driveway control, drainage improvements, sidewalks, medians and other context sensitive improvements	\$ 500,000	\$ -	\$ 4,500,000	\$ 500,000	
H15-01	FM 3423/Indian Trail	Business 190 to US 190	median and pedestrian enhancements within the appropriate context sensitive cross section	\$ 400,000	\$ -	\$ 2,991,800	\$ 400,000	
B40-01	Huey Drive	Southwest Pkwy to IH 35	PE Phase: Construct 2 lane roadway with center turn lane	\$ 316,800	\$ 633,600	\$ 2,217,600	\$ 316,800	
K30-13	Chaparral Rd	SH 195 to FM 3481	curb, and gutter	\$ 1,500,000	\$ 3,000,000	\$ 25,500,000	\$ 1,500,000	
K30-24	Cunningham Rd	Little Nolan Rd to US 190	PE Phase: Construct 4 lane with median, curb and gutter	\$ 41,792	\$ 83,584	\$ 710,465	\$ 41,792	
K25-01	Cunningham Rd	Little Nolan Rd to Stagecoach Rd	PE Phase: Widen from 2 to 4 lane with shoulder	\$ 185,053	\$ 370,106	\$ 3,145,899	\$ 185,053	
							TOTAL \$ 8,853,805	

TRANSIT PROJECTS

KTMO ID	Project Name	Full Extents	Description	PE Cost	ROW Cost	CON Cost	Programmed Amount	
A40-01	Bus Replacement FY15-16	Temple UZA	nine replacement paratransit (Type 3, example capacity: twelve passengers/four wheelchairs) buses for the continued provision of complementary paratransit service	\$ -	\$ -	\$ -	\$ 811,336	Funded Projects Category 1, 2, 3 and/or 7: Forecasted **\$75,352,320
A40-02	Bus Replacement FY17-18	Killeen UZA	nine replacement paratransit (Type 3, example capacity: twelve passengers/four wheelchairs) buses for the continued provision of complementary paratransit service	\$ -	\$ -	\$ -	\$ 819,449	
A40-04	Bus Replacement FY21-22	Killeen UZA and Temple UZA	continued provision of fixed route service in the Killeen UZA and one replacement paratransit (Type 3, 12-passengers/4-wheelchairs) buses	\$ -	\$ -	\$ -	\$ 835,920	
							TOTAL \$ 2,466,705	Total
							\$ 62,503,836	

*TxDOT may use funding for any project per their discretion. MTP 2040 Financial Plan assumes funding will be used for mobility projects.

**Original forecasted funding did not include Proposition 1 funding (CAT 2) and non-required local funding (CAT 3). The updated forecasted funding includes Category 1, Category 2 (Proposition 1), Category 3 (Non-Required Local Funds) and Category 7 forecasted funds.

2040 Metropolitan Transportation Plan Project Listing

LONG RANGE FUNDED (2024-2040)

KTMP ID	Funding Category		Description				
M30-01a	Preventive Maintenance and Rehabilitation		Various Locations	Grouped CSJ Placeholder			
M30-06a	Structures Replacement		Various Locations				
M30-08a	STP Safety		Various Locations				
	Transportation Alternatives Program (Category 9)		TAP projects eligible	Placeholder			
ROADWAY PROJECTS							
KTMP ID	Project Name	Full Extents	Description	PE Cost	ROW Cost	CON Cost	Programmed Amount
K40-11	WS Young	Mall Dr to AJ Hall Blvd	Add turn lane and relocate traffic signal at Mall Dr to AJ Hall Blvd; control of access management improvements	\$ 250,000	\$ 500,000	\$ 4,250,000	\$ 4,889,545
T40-07	Outer Loop/Old Waco Rd	Adams Ave to Jupiter	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	\$ 1,128,000	\$ 470,000	\$ 3,102,000	\$ 4,700,000
T35-24	Prairie View Rd	SH 317 to Proposed Outer Loop	includes sidewalk, 10' trail, and bike lanes to incorporate multimodal transportation options	\$ 1,599,600	\$ 666,500	\$ 4,398,900	\$ 6,665,000
T15-02	Kegley Road	IH 35 to FM 2305	Incorporate multimodal design	\$ 3,840,000	\$ 1,600,000	\$ 10,560,000	\$ 16,000,000
W35-01	US 190 Bypass	East of Copperas Cove to .5 Mi W. of Lampasas County line	Phase 2 - Construct final 2 lanes of ultimate 4 lane divided highway	\$ 2,058,000	\$ -	\$ 4,200,000	\$ 44,058,000
W35-07	NW Loop 363	SH 36 to IH 35	Construct main lanes to provide a 4 lane freeway	\$ 1,078,000	\$ -	\$ 22,000,000	\$ 23,078,000
C30-03b	Business US 190 Phase II	RGIII Blvd to MLK Jr Blvd	CON Phase: Change the center turn to a raised center turn and convert one travel lane in each direction to 6' sidewalk 5' bicycle lane and 1.5' curb and gutter	\$ 160,265		\$ 1,256,911	\$ 1,256,911
C30-03a	Business US 190 Phase I	FM 116 S @ Business US 190 to Robertson Ave	CON Phase: Change the center turn to a raised center turn and convert one travel lane in each direction to 6' sidewalk 5' bicycle lane and 1.5' curb and gutter	\$ 132,218	\$ -	\$ 1,036,553	\$ 1,036,553
C30-03c	Business US 190 Phase III	MLK Jr Blvd to Robertson Ave	one travel lane in each direction to 6' sidewalk 5' bicycle lane and 1.5' curb and gutter	\$ 108,180	\$ -	\$ 848,266	\$ 848,266
H30-01	Business 190/Veterans Memorial Blvd	Roy Reynolds Dr to US 190	CON Phase: Reduce roadway profile, install curb & gutter, access management/driveway control, drainage improvements, sidewalks, medians and other context sensitive improvements	\$ 500,000	\$ -	\$ 4,500,000	\$ 4,500,000
B15-02	FM 2271	FM 439 to US 190 at FM 1670	PE Phase: Construct 4 lane divided roadway with raised median	\$ 1,900,000	\$ 9,800,000	\$ 38,000,000	\$ 1,900,000
C35-02	FM 1113	NW end of W Ave D to FM 1113 at City Park	PE Phase: Create an underpass of the existing BNSF railroad	\$ 757,500			\$ 757,500
B30-02	Shanklin Road West, Outer Loop	IH 35 to FM 1670	PE Phase: Construct 4 lane roadway	\$ 405,000	\$ 1,620,000	\$ 6,075,000	\$ 405,000
W30-15	Loop 121	IH 35 to US 190	PE Phase: Widen from 2 to 4 lane divided roadway	\$ 441,000	\$ -	\$ 9,000,000	\$ 441,000
B40-02	Southwest Parkway	Loop 121 to W Avenue O	PE Phase: Construct 2 lane roadway with center turn lane	\$ 517,400	\$ 1,034,800	\$ 3,621,800	\$ 517,400
B30-01	George Wilson Extension	FM 93 at George Wilson Rd to FM 439	PE Phase: Construct 2 lane roadway with shoulder	\$ 69,349	\$ 277,397	\$ 1,040,238	\$ 69,349
B30-03	Belton Outer Loop East	IH 35 at Shanklin Rd to FM 436	PE Phase: Construct 2 lane roadway with shoulder	\$ 388,538	\$ 1,554,152	\$ 5,828,072	\$ 388,538
T35-35	Poison Oak Rd	SH 317 to Kegley Rd	gutter; includes sidewalks and bike lanes to incorporate multimodal transportation options	\$ 2,402,400	\$ 1,001,000	\$ 6,606,600	\$ 2,402,400
K40-16	East Trimmer Road Improvements	Stagecoach Rd to Chaparral Rd	PE Phase: Widen from 2 to 4 lane roadway with center turn lane, curb, and gutter	\$ 300,000	\$ 600,000	\$ 5,100,000	\$ 300,000
K40-17	Trimmer Road Improvements	Stagecoach Rd to Chaparral Rd	PE Phase: Widen from 2 to 4 lane roadway with center turn lane, curb, and gutter	\$ 250,000	\$ 500,000	\$ 4,250,000	\$ 250,000
TRANSIT PROJECTS							
KTMP ID	Project Name	Full Extents	Description	PE Cost	ROW Cost	CON Cost	Programmed Amount
A40-05	Bus Replacement FY23-24	Killeen UZA and Temple UZA	two replacement fixed route (Type 11, 25-passengers) buses for the continued provision of fixed route service in the Killeen UZA and one replacement (Type 3, 12-passengers/4-wheelchairs) buses for the continued provision of complementary paratransit service	\$ -	\$ -	\$ -	\$ 844,279
A40-06	Bus Replacement FY25-26	Killeen UZA and Temple UZA	two replacement fixed route (Type 11, 25-passengers) buses for the continued provision of fixed route service in the Killeen UZA and one replacement (Type 3, 12-passengers/4-wheelchairs) buses for the continued provision of complementary paratransit service	\$ -	\$ -	\$ -	\$ 852,722
A40-07	Bus Replacement FY27-28	Killeen UZA and Temple UZA	two replacement fixed route (Type 11, 25-passengers) buses for the continued provision of fixed route service in the Killeen UZA and one replacement paratransit (Type 3, 12-passengers/4-wheelchairs) buses for the continued provision of complementary paratransit service	\$ -	\$ -	\$ -	\$ 861,249
A40-08	Bus Replacement FY29-30	Killeen UZA and Temple UZA	two replacement fixed route (Type 11, 25-passengers) buses for the continued provision of fixed route service in the Killeen UZA and one replacement paratransit (Type 3, 12-passengers/4-wheelchairs) buses for the continued provision of complementary paratransit service	\$ -	\$ -	\$ -	\$ 869,861
A40-09	Bus Replacement FY31-32	Killeen UZA and Temple UZA	two replacement fixed route (Type 11, 25-passengers) buses for the continued provision of fixed route service in the Killeen UZA and one replacement paratransit (Type 3, 12-passenger/4-wheelchairs) buses for the continued provision of complementary paratransit service	\$ -	\$ -	\$ -	\$ 878,560
A40-10	Bus Replacement FY33-34	Killeen UZA and Temple UZA	continued provision of fixed route service in the Killeen UZA and one replacement paratransit (Type 3, 12-passengers/4-wheelchairs) buses	\$ -	\$ -	\$ -	\$ 887,346

Funded Category 2, Category 7, and/or Category 11: Forecasted \$136,905,358

2040 Metropolitan Transportation Plan Project Listing

KTMO ID	Project Name	Full Extents	Description	PE Cost	ROW Cost	CON Cost	Programmed Amount	
A40-11	Bus Replacement FY35-36	Killeen UZA and Temple UZA	two replacement fixed route (Type 11, 25-passengers) buses for the continued provision of fixed route service in the Killeen UZA and one replacement paratransit (Type 3, 12-passenger/4-wheelchairs) buses for the continued provision of paratransit service	\$ -	\$ -	\$ -	\$ 896,219	
A40-12	Bus Replacement FY37-38	Killeen UZA and Temple UZA	two replacement fixed route (Type 11, 25-passengers) buses for the continued provision of fixed route service in the Killeen UZA and one replacement paratransit (Type 3, 12-passengers/4-wheelchairs) bus for the continued provision of paratransit service	\$ -	\$ -	\$ -	\$ 905,181	
A40-13	Bus Replacement FY39-40	Killeen UZA and Temple UZA	continued provision of fixed route service in the Killeen UZA and one replacement paratransit (Type 3, 12-passengers/4-wheelchairs) bus for	\$ -	\$ -	\$ -	\$ 914,234	
							\$ 122,373,113	Total

BICYCLE & PEDESTRIAN PROJECTS

KTMO ID	Project Name	Full Extents	Description	Total Cost	
C35-03	Martin Walker Elementary sidewalk	US 190 to Martin Walker Elementary School	Construct a 5' pedestrian sidewalk. The project will be approximately 4100 linear feet in length and shall follow the west ROW of FM 116 to FM 3046 and then follow the west ROW of FM 3046 to the southern most access to Martin Walker Elementary School.	\$ 3,807,500	Transportation Alternative Projects (Category 7 or Category 9)
C40-02	Ave D Sidewalk	715 W Ave D to 17th Street	Construct sidewalks along Ave D from CCISD Warehouse (715 W Ave D) to 17th Street, to include a pedestrian bridge	\$ 1,808,000	
T40-12	31st St Sidewalks	Marlandwood Rd to FM 93	Construct 8 foot wide trail connecting transit stops	\$ 1,329,360	
T40-13	Georgetown RR Trail	5th Street to Belton City Limits	Construct 10 foot wide trail	\$ 1,500,000	
T40-14	Ave R Sidewalks	31st Street to 1st Street	Construct 8' trail with landscaping	\$ 1,550,000	
T40-15	Bicycle/Pedestrian	IH 35 to Martin Luther King Jr Blvd	Adams Avenue	\$ 1,913,044	
T40-16	Bioscience Trail	McLane Pkwy to SH 36	Construct 10 foot wide trail	\$ 750,000	
T40-17	1st Street Sidewalks	Avenue F to Avenue M	Construct 8 foot trail	\$ 660,000	
T40-18	Friars Creek Trail (5th St)	N of Marlandwood Rd to S of Friars Creek Rd	Construct 10 foot wide trail	\$ 950,000	
T40-19	FM 2305 Trail	FM 2271 to Temple Lake Park	Construct 10 foot wide trail	\$ 1,568,000	
T40-20	FM 2271 Trail	FM 2305 to Miller Springs Park	Construct 8 foot wide trail	\$ 950,000	
T40-21	FM 2305 Trail	West Ridge Park to Wilson Park	Construct 10 foot wide trail	\$ 3,300,000	
T40-22	Leon River Trail	Millers Springs Park to IH 35	Construct 8 foot wide trail	\$ 2,460,000	
T40-23	Downtown Linear Park	Main St & Ave C to Central Ave & 14th St	Construct 10 foot wide trail	\$ 950,000	
T40-24	Canyon Creek Trail	5th Street to Lions Park	Construct 8 foot wide trail	\$ 1,700,000	
Z40-02	Main St Sidewalks	Mill Creek Dr to College Hill Dr	Construct 5 foot wide trail	\$ 115,000	

2040 Metropolitan Transportation Plan Project Listing

REGIONALLY SIGNIFICANT-UNFUNDED (ROADWAY)

KTMO ID	Project Name	Extent	Description	Rank	Score	Total Project Cost
W35-05	US 190	At SH 195	Upgrade interchange	1	75.9	\$52,450,000
W30-07	US 190	At SP 172	Reconstruct major interchange	2	65.9	\$62,940,000
K30-27	SH 195	At FM 3470 (northside)	Construct turn-around on north side	3	64.3	\$400,000
K30-28	SH 195	At FM 3470 (southside)	Construct turn-around on south side	3	64.3	\$400,000
H35-01	FM 2410	At US 190	Phase 2, West-East Connector-Add turn-around lanes, ramp and intersection work	4	61.3	\$5,000,000
W30-05	SH 201	US 190 to FM 3470	Widen from 5 to 6 lane divided roadway	5	58.9	\$9,441,000
C30-02	FM 116 South	North from WWTP to Lutheran Church Rd/Cactus Lane	Widen from 2 to 4 lane divided roadway	6	58.8	\$2,989,316
T15-06k	IH 35	South Loop 363 to US 190	Reconstruct and widen to 8 lanes	7	57.8	\$132,000,000
C25-02	FM 1113	Signal Light at FM 116/Ave B to Summers Rd	Widen from 2 to 4 lane divided roadway	8	57.7	\$11,101,958
K25-07	Twin Creek Dr	FM 439 to Lake Rd at 60th St	Extend 5 lane divided roadway with curb and gutter	9	57.5	\$1,708,181
W30-08	SH 195	US 190 to FM 3470	Widen from 4 to 6 lanes with raised median	10	56.9	\$14,686,000
K30-23	Jasper Bridge Expansion	S Florence Rd to Jasper Dr	Construct 8 lane overpass with pedestrian improvements with turnarounds	11	56.3	\$14,000,000
W30-22	FM 1741 (31st Street)	Loop 363 S to Waters Dairy Rd	Widen from 4 to 6 lanes with raised median	11	56.3	\$9,441,000
W35-03	SH 195	FM 3470 to Chaparral Rd	Reconstruct to 4 lane freeway with frontage roads	12	55.8	\$39,862,000
W30-20	FM 2305	Loop 363 to SH 317	Widen from 4 lane divided to 6 lane divided roadway	13	53.9	\$22,029,000
W30-16	Loop 121	US 190 to FM 439	Widen from 2 to 4 lane divided roadway	14	52.6	\$12,588,000
W35-04	FM 439	Roy Reynolds Dr to FM 3219	Widen from 4 lane to 6 lane divided	15	51.9	\$11,539,000
K30-13*	Chaparral Rd	SH 195 to FM 3481	Widen from 2 to 4 lane roadway with center turn lane, curb, and gutter	16	51.6	\$30,000,000
W25-02	SH 36	SH 317 to Lake Belton Bridge	Widen from 2 to 4 lane divided roadway	17	50.6	\$36,715,000
C15-03	FM 116	Ave C to House Creek	Widen from 2 to 4 lane divided roadway	18	50.4	\$5,266,890
K25-04	SH 195	At Business 190	Construct grade separation over Business 190 and BNSF RR	19	50	\$20,000,000
T25-03	FM 95	SH 36/US 190 to FM 93	Widen from 2 to 4 lane divided with curb and gutter	21	49.8	\$7,370,000
W30-29	US 190	0.25 MI W of Paddy Hamilton Rd to FM 2410 in W Belton	Widen main lanes from 4 to 6 lane divided freeway and ramp alignment	21	49.8	\$17,654,000
W30-21	NW Loop 363	Hopi Trail to SH 36	Reconstruct 4 lane divided freeway, add continuous frontage roads, reconstruct FM 2305 interchange	23	49	\$27,274,000
W35-07	NW Loop 363	SH 36 to IH 35	Construct main lanes to provide a 4 lane freeway	24	48.7	\$23,078,000
H30-07	FM 3481	FM 2410 to FM 2484	Widen from 2 to 4 lane divided roadway	25	48.5	\$13,109,435
W30-09	SH 195	Business 190 to Fort Hood East Gate	Widen from 4 to 6 lane divided roadway	26	48.4	\$6,294,000
K40-08	Chaparral Rd Overpass	Hwy 195 to Chaparral Rd	Construct overpass at Hwy 195 and Chaparral Rd	27	48.2	\$15,000,000
T35-36b	1st Street	SE Loop 363 to 5th Street	Extend and realign with 5th Street; will incorporate multimodal design	27	48.2	\$6,200,000
C25-04	Northside "Loop"	FM 1113 to FM 116	Widen from 2 to 4 lane roadway with raised median, curb and gutter, and enclosed storm drainage	28	47.9	\$6,900,000
T15-04	N East Loop 363	IH 35 to SH 36	Widen to 4 lane freeway with frontage roads	30	46.5	\$72,600,000
K25-05	Old Florence Rd	FM 3470 to US 190	Widen from 2 to 5 lane section with curb and gutter	31	46.3	\$7,971,510
T40-07	Outer Loop/Old Waco Rd	Adams Ave to Jupiter	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	31	46.3	\$4,700,000
C35-02*	FM 1113	NW end of W Ave D to FM 1113 at City Park	Create an underpass of the existing BNSF railroad	32	46.2	\$6,500,000
W30-17	FM 93	SH 317 to Loop 121	Widen from 2 to 4 lane divided roadway	32	46.2	\$4,196,000
W30-28	US 190	FM3423 (Indian Trail) to 0.25 MI W of Paddy Hamilton Rd	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	33	46	\$19,500,000
W30-18	FM 2271	North of Belton Dam to FM 439	Widen from 2 to 4 lane divided roadway	35	45.7	\$26,225,000
K40-16*	East Trimmer Road Improvements	Stagecoach Rd to Chaparral Rd	Widen from 2 to 4 lane roadway with center turn lane, curb, and gutter	36	45.6	\$6,000,000
W30-13	FM 2484	FM 1670 to IH 35	Widen from 2 to 4 lane divided roadway	37	45.3	\$3,147,000
T35-03	Airport Rd/SH 53	IH 35 to SH 317	Widen from 4 to 6 lane divided roadway with curb and gutter	38	44.5	\$36,300,000
W35-08	FM 93	FM 1741 (S 31st) to SH 95	Widen from 2 to 4 lanes, provide for a raised median, and construct grade separation at UP RR	39	43.3	\$12,588,000
T35-11	Charter Oaks Dr	Midway Dr to Leon River	Widen from 2 to 4 lane undivided roadway with curb and gutter; will incorporate multimodal design	40	43.2	\$2,200,000
W25-04	SH 53	E Loop 363 to FM 3117	Widen from 2 to 4 lane divided roadway	41	42.6	\$12,588,000
K30-24*	Cunningham Rd	Little Nolan Rd to US 190	Construct 4 lane with median, curb and gutter	42	42.4	\$835,841
X30-03	FM 3536	Lampasas County line to FM 1113	Construct 2 lane roadway w/ shoulder on new location	43	41.6	\$1,316,250
T35-16	Hickory Rd	Stratford Dr to FM 93	Construct 4 lane undivided roadway with curb and gutter; will incorporate multimodal design	44	41.4	\$8,778,000
W30-24	SH 95	FM 93 to FM 436	Widen from 2 to 4 lane divided roadway	46	41.2	\$16,784,000
W35-11	SH 36	Lake Belton to Coryell County Line	Widen to 4 lane divided highway	50	40.1	\$27,274,000
T15-02	Kegley Road	IH 35 to FM 2305	Widen and add curb and gutter; includes sidewalks and trail and will incorporate multimodal design	50	40.1	\$16,000,000
B30-03*	Belton Outer Loop East	IH 35 at Shanklin Rd to FM 436	Construct 2 lane roadway with shoulder	51	40	\$7,770,762

Roadway Projects (Category 2, 7, or 11)

*PE Phase of project in funded portion of project listing

2040 Metropolitan Transportation Plan Project Listing

KTMP ID	Project Name	Extent	Description	Rank	Score	Total Project Cost
K30-21	E/W Arterial (Mohawk)	SH 201 to SH 195	Construct 4 lane roadway with median, curb and gutter	52	39.8	\$8,916,849
K40-02	Clear Creek/Main Gate Interchanges	Clear Creek Rd to Main Gate, Fort Hood	Construct interchanges at Clear Creek Rd and Main Gate, Fort Hood	53	39.5	\$15,000,000
H15-01*	FM 3423/Indian Trail	Business 190 to US 190	Construct an urban cross-section roadway with sidewalks, median and pedestrian enhancements within the appropriate context sensitive cross section	54	39.2	\$3,391,800
W35-06	FM 2271 Extension	FM 2305 along FM 2483 to SH 317	Widen from 2 to 4 lane divided roadway	55	38.3	\$14,686,000
W35-09	FM 93	SH 95 to SH 36	Widen from 2 to 4 lanes, provide for a raised median	55	38.3	\$5,245,000
X30-01	FM 2657	0.1 mi south of CR 4744 to Burnet County line	Widen from 2 to 4 lane divided roadway	56	37.8	\$6,976,955
K30-20	E/W Collector	Little Rock Dr to SH 195	Construct 4 lane roadway with curb and gutter	57	37.7	\$2,507,522
W30-06	SH 201	At Killeen Airport Entrance	Construct interchange	58	37.6	\$7,343,000
T30-02	Blackland/Canyon Creek Extension	Little River Rd to SH 36	Construct 4 lane divided roadway with curb and gutter; will incorporate multimodal design	59	37.2	\$2,337,500
T15-06e	IH 35	At Southeast Loop 363 (southside of Loop 363)	Construct at grade direct connector	60	37	\$10,890,000
W35-02	SH 195	At FM 3470	Upgrade interchange	61	36.9	\$52,450,000
B30-02*	Shanklin Road West, Outer Loop	IH 35 to FM 1670	Construct 4 lane roadway	62	36.7	\$8,100,000
T25-10	Little River/Taylor Rd	Loop 363 to FM 93	Widen from 2 to 4 lane with curb and gutter; will incorporate multimodal design	63	36.3	\$5,775,000
Z40-01	FM 93/US 190	IH 35 to US 190/SH 36	Construct connection from IH 35 to FM 93 and widen existing roadway from 2 to 4 lanes	64	35.8	\$38,645,000
K25-06	60th Street	Hilliard Ave to Schwald Rd	Construct 5 lane section with shoulder	65	35.5	\$7,117,419
T35-34	W Nugent Ave	IH 35 to NW Loop 363	Widen from 2 to 4 lane undivided roadway with curb and gutter	66	34.9	\$3,740,000
T35-36a	to S 1st St	SE Loop 363 to Avenue M	curb and gutter; will incorporate multimodal design	67	34.7	\$16,060,000
K40-10	SH 195	Old FM 440 South to Pershing Dr	Widen from 6 to 10 lane roadway with turnarounds	68	34.6	\$18,000,000
K40-03	FM 3470 (Stan Schlueter Loop)	SH 201 to US 190 Bypass	Construct 4 lane FM Road with continuous turn lane and shoulders	69	34.3	\$15,000,000
T40-10	Outer Loop	Floodplain to IH 35	Extend divided roadway with curb and gutter; includes hike & bike trail and bike dedicated lanes to incorporate multimodal transportation	70	34.2	\$11,200,000
K25-02	60th Street	Lake Rd to Hilliard Ave	Widen from 2 to 5 lane section with curb and gutter	71	33.9	\$2,562,271
H30-03	FM 3219	Veterans Memorial Blvd/Business 190 to FM 439	Widen from 2 lane to 4 lane divided roadway	72	33.8	\$8,000,000
K40-11	WS Young	Mall Dr to AJ Hall Blvd	Add turn lane and relocate traffic signal at Mall Dr to AJ Hall Blvd; control of access management improvements	73	33.4	\$5,000,000
H30-06	Warriors Path	Old Nolanville Rd to US 190	Extend Warriors Path to US 190	74	33.1	\$2,256,891
T35-21	FM 2305	FM 2271 to Temple Lake Park	Widen from 2 to 4 lane divided roadway with curb and gutter	75	32.6	\$4,752,000
T25-05	FM 2271	FM 2305 to Lake Belton Dam	Widen from 2 to 4 lane divided roadway	76	32	\$4,620,000
K30-14	Atlas Ave	SH 195 to Existing Atlas Ave	Construct 4 lane roadway with curb and gutter	77	31.9	\$1,897,979
T25-02	Outer Loop (Witter Ln Extension)	FM 436 to FM 93	Construct 5 lane divided w/curb and gutter	78	31.1	\$10,756,520
B15-02*	FM 2271	FM 439 to US 190 at FM 1670	Construct 4 lane divided roadway with raised median	79	30.6	\$49,700,000
T35-14	Tarver Road	S Pea Ridge Rd to Old Waco Rd	Widen from 2 to 3 lane undivided roadway with center turn lane and curb and gutter; will include sidewalks and trail and will incorporate multimodal design	80	30.5	\$2,400,000
T40-09	Rd	Jupiter to Floodplain	gutter; includes hike & bike trail and bike dedicated lanes to	81	30.4	\$10,200,000
T35-30	Old Hwy 95	FM 93 to Little River City Limits	Widen from 2 to 4 lane undivided roadway with shoulder	82	30.3	\$3,861,000
W30-23	Loop 363	SP 290 to SH 95	Upgrade to 4 lane freeway with continuous frontage roads, and grade separation @ MLK Blvd	83	29.9	\$16,784,000
B40-01*	Huey Drive	Southwest Pkwy to IH 35	Construct 2 lane roadway with center turn lane	84	29.6	\$3,168,000
W30-15*	Loop 121	IH 35 to US 190	Widen from 2 to 4 lane divided roadway	85	28.8	\$9,441,000
T15-07	FM 93	IH 35 to FM 1741	Widen to provide for a raised median	86	28.2	\$5,087,500
K40-09	CR 2670 Overpass	CR 2670 to SH 195	Construct overpass at CR 2670 and Hwy 195	87	27.5	\$15,000,000
T15-06g	IH 35	At Southwest Loop 363 (southside of Loop 363)	Construct Elevated Direct Connector from Southbound NW Loop 363 to southbound IH 35	87	27.5	\$16,500,000
T25-09	Outer Loop	IH 35 to Central Pointe Pkwy	Widen from 2 to 4 lanes with divided roadway and curb and gutter; includes sidewalks and bike dedicated lanes to incorporate multimodal transportation	88	26.5	\$34,110,000
T35-07	Mouser Rd	Loop 363 to Airport Trail	Widen from 2 to 4 lane with curb and gutter	89	26.2	\$3,564,000
T35-05	Cedar Creek	SH 317 to Old Howard Rd	Widen from 2 to 4 lane divided roadway	90	26.1	\$9,801,000
T35-35*	Poison Oak Rd	SH 317 to Kegley Rd	Extend and widen to 4 lane divided roadway with curb and gutter; includes sidewalks and bike lanes to incorporate multimodal transportation options	91	25.5	\$10,010,000
K25-01*	Cunningham Rd	Little Nolan Rd to Stagecoach Rd	Widen from 2 to 4 lane with shoulder	92	25.1	\$3,701,058
C40-01	FM 116	End of 5 lane segment at Tyler Dr to SH 201	Upgrade the current roadways to Farm to Market status, with accompanying surface improvements. Widen from 2 to 5 lane roadway with curb and gutter.	93	24.8	\$19,200,000
X30-02	FM 3536	FM 2313 to Coryell County Line	Construct 2 lane roadway w/ shoulder on new location	94	24.7	\$5,789,000
T15-06i	IH 35	At Northwest Loop 363	Construct elevated direct connector from northbound NW Loop 363 to Northbound IH 35	95	24.5	\$16,500,000
T15-06j	IH 35	At Northwest Loop 363	southbound NW loop 363	95	24.5	\$16,500,000

*PE Phase of project in funded portion of project listing

2040 Metropolitan Transportation Plan Project Listing

KTMO ID	Project Name	Extent	Description	Rank	Score	Total Project Cost
B40-02*	Southwest Parkway	Loop 121 to W Avenue O	Construct 2 lane roadway with center turn lane	96	23.8	\$5,174,000
T15-06f	IH 35	At Southeast Loop 363 (northside of Loop 363)	Construct elevated direct connector from Northbound IH 35 to Northbound NW Loop 363	97	23.7	\$16,500,000
K40-14	Bridgewood Drive Extension	Bridgewood Dr to SH 201	Construct 4 lane roadway with curb and gutter	98	23.3	\$325,000
K30-25	Bacon Ranch Rd Exit	US 190 Access Road to FM 3470 at Greenlee Dr	Construct 2 lanes to Bacon Ranch, 4 lanes to Greenlee Dr with curb and gutter	99	23.1	\$537,761
W35-01	US 190 Bypass	East of Copperas Cove to .5 Mi W. of Lampasas County line	Phase 2 - Construct final 2 lanes of ultimate 4 lane divided highway	99	23.1	\$44,058,000
K40-18	Major E/W Arterial	SH 195 to IH 35	Construct 4 lane divided roadway with shoulders	100	22.2	\$157,350,000
K40-13	Collector	Roy J Smith Dr to E Rancier Ave	(alignment runs E/W and turns to N/S)	101	21	\$275,000
T30-01	Outer Loop	IH 35 to FM 93/SH 36 Junction	Construct 4 lane divided roadway with shoulder	102	20.9	\$29,150,000
B30-04	US 190	IH 35 to SH 36/US 190	Construct 2 lanes of ultimate 4 lane freeway on new location	103	19.5	\$202,750,000
T35-12	E Young Ave/FM 438	N 8th St to Apple Cider Rd	Widen to 4 lane and extend undivided roadway with curb and gutter; will incorporate multimodal design	104	19.3	\$18,414,000
W35-10	FM 935	IH 35 to FM 935 E of Troy at Turkey Rd	Construct 2 lane roadway with shoulders on new location	105	19.2	\$8,392,000
H30-05	Warriors Path	Knights Way/FM 2410 to Hwy 190	Widen from 2 to 4 lane roadway with curb & gutter, medians and access controls	106	19.1	\$5,339,890
T35-28	Shine Branch/FM 1237	SH 317 to IH 35	Widen from 2 to 4 lane undivided and realign roadway with shoulder	107	18.6	\$28,490,000
T40-06	N Pea Ridge	Adams Ave to Prairie View Rd	Widen from 2 lane to 3 lane with curb and gutter; includes sidewalks and trail and will incorporate multimodal design	108	17.3	\$3,900,000
W35-12	US 190	2 mi south of FM 436 to Milam County Line	Widen to 4 lane divided rural highway	109	17.2	\$60,842,000
T35-04	FM 3117	US 190 to Rabbit Rd	Widen from 2 to 4 lane undivided roadway with curb and gutter	110	16.1	\$9,207,000
K40-06	FM 2484	SH 195 to IH 35	Widen to 4 lane roadway	111	15.9	\$35,000,000
T35-09	E French Ave	N 24th Street to NE Loop 363	Extend and add curb and gutter; will incorporate multimodal design	112	15.8	\$3,300,000
C25-03	Big Divide "Loop"	US 190 to FM 1113	gutter, and storm drainage	113	15.1	\$8,500,000
T35-15	Bottoms East Road	IH 35 to Arthur Cemetery Rd	Widen from 2 to 4 lane roadway with shoulder	114	15	\$14,245,000
T35-25	Luther Curtis Connector	FM 2409 to IH 35	Extend and widen from 2 to 4 lane undivided roadway with shoulder	115	14.7	\$29,260,000
W35-13	SH 9	US 190 to FM 116	Widen from 2 to 4 lane divided roadway	116	14.4	\$31,470,000
B30-01*	George Wilson Extension	FM 93 at George Wilson Rd to FM 439	Construct 2 lane roadway with shoulder	117	13.9	\$1,386,984
K40-05	Future E/W Arterial	FM 116 to FM 2670	Construct 4 lane divided roadway with shoulders	118	13.4	\$20,000,000
T35-02	Hartrick Bluff Rd.	Waters Dairy Rd to Little River City Limits (ETJ boundary)	Widen to divided roadway add curb and gutter	119	13.1	\$5,434,000
T35-18	Tower Rd Extension W	Martin Luther King Jr Dr to Proposed Red Barn Extension	Extend and widen from 2 to 4 lane undivided roadway with curb and gutter	121	12.5	\$21,318,000
T35-06	FM 2409	SH 36 to FM 2601	Widen from 2 to 4 lane undivided roadway with curb and gutter	122	12.2	\$14,850,000
K40-01	Bell Tower Drive	US 190 to Bell Tower Dr	Construct 2 lane divided roadway; gate entrance and road extending to Fort Hood Football Stadium from US 190	123	12.1	\$8,000,000
K30-07	Platinum Dr	Siltstone Loop to Chaparral Rd	Construct 4 lane roadway with curb and gutter	124	11.5	\$2,387,073
K40-04	Westcliff Rd	Westcliff Rd to Fort Hood	Extend 5 lane roadway with curb, gutter, and sidewalk	125	11.3	\$6,000,000
T40-03	W Avenue U & 13/17th Connector	Avenue U & 13/17th Street to Scott and White Blvd & 13th St to Avenue R	Extend and widen 2 to 3 lane roadway with center land and curb and gutter; includes sidewalks and bike lanes to incorporate multimodal transportation options	126	11.2	\$2,400,000
K40-17*	Trimmer Road Improvements	Stagecoach Rd to Chaparral Rd	Widen from 2 to 4 lane roadway with center turn lane, curb, and gutter	127	11	\$5,000,000
T35-10	Brewster Rd	FM 1237 to Luther Curtis Rd	Construct 4 lane undivided roadway with curb and gutter	128	10.3	\$6,270,000
T35-32	Willow Grove Rd	Shine Branch Rd to Franklin Rd	Widen from 2 to 4 lane undivided roadway with curb and gutter	129	10.1	\$9,207,000
T40-08	Pea Ridge Rd	Hogan Rd to Charter Oaks Dr	Extend pavement to 2 lane section with center turn lane; will incorporate multimodal design	130	9.8	\$2,321,834
H40-01	Old Nolanville Road	Warriors Path to US 190	Improve roadway surface, widen existing lanes and stripe along shoulder with Target Speed of 35 mph. No bridge work is proposed under this nomination.	131	9.6	\$2,000,000
T35-17	Airport Trail	Shine Branch Rd to Central Pointe Pkwy	Construct 4 lane undivided roadway with curb and gutter; will incorporate multimodal design	132	9.3	\$29,315,000
T40-04	Hogan Road	SH 317 to S Pea Ridge Rd	Widen from 2 lane to 3 lane with curb and gutter; includes sidewalks and trail and will incorporate multimodal design	133	7.6	\$2,200,000
T35-13	FM 2086	FM 438 to Creek Rd	Widen from 2 to 4 lane undivided roadway with curb and gutter	134	7	\$11,880,000
T35-33	Enterprise Rd	IH 35 to NW Loop 363	Extend and widen to a 4 lane undivided roadway with curb and gutter	135	6.7	\$4,200,000
T35-27	Old Howard Rd Extension	Moores Mill Rd to Big Elm Rd	Widen from 2 to 4 lane and realign undivided roadway with curb and gutter	136	5.7	\$26,180,000
T35-19	Red Barn Lane	FM 3117 to FM 438	Extend and widen from 2 to 4 lane undivided roadway with shoulder	137	4.6	\$24,640,000
T35-20	Lower Troy Rd	Berger Rd to French Ave	Extend and widen from 2 to 4 lane undivided roadway with curb and gutter	138	4.5	\$15,015,000

*PE Phase of project in funded portion of project listing

2040 Metropolitan Transportation Plan Project Listing

[illegible]

Public Comment Form

Amendment to 2040 Metropolitan
Transportation Plan (MTP)



Name: Erin Smith
Title: Director of Planning
Agency: City of Belton
Phone: (254) 933-5816
Cell: _____
Address: 333 Water Street
Belton, TX 76513
Email: esmith@beltontexas.gov

Comments:

The City of Belton is in favor of this
amendment. This widening is consistent with
Belton's Thoroughfare Plan, adopted in 2014. The overall
widening of Loop 121, from FM 439 to FM 436 is in
an important to the overall traffic circulation that
connects to regional roadways like HWY 190 & I-35.
There are several planned residential subdivisions,
apartment complexes, and other commercial developments
along Loop 121. This project is Phase III of the
Loop 121 widening & an important
component of the MTP.

For more information please contact:

CTCOG Planning & Regional Services
KTMP

P. O. Box 729

Belton, TX 76513

Phone: (254) 770-2200

Fax: 254-770-2360

www.ktmpo.org

Public Comment Form

Amendment to 2040 Metropolitan
Transportation Plan (MTP)



Name: Sam Lister
Title: City Manager
Agency: City of Belton
Phone: 254-933-5819
Cell: 254-721-5522
Address: 333 Water Street
Belton, TX 76513
Email: slisti@beltontx.gov

Comments:

Consistent with Belton's 2014 Thoroughfare Plan, the City of Belton fully supports the Loop 121 project, from IH 35 to FM 436. The KTMP Board endorsed this project for Program Development, and it represents Phase 3 of the loop project, yet remains essential as a component of the Loop 121 system in Belton, from FM 439 to FM 436. Please add this last section to the MTP to ensure planning continuity. Any questions, please contact Erin Smith, Belton Planning Director, or me.

For more information please contact:
CTCOG Planning & Regional Services
KTMP
P. O. Box 729
Belton, TX 76513
Phone: (254) 770-2200
Fax: 254-770-2360
www.ktmpo.org

especially
given a
planned
500-lot
Subdivision
at Loop 121 /
FM 436, and
other area
development
anticipated.

Item 6:

CMP Prioritization Tool

CMP Congested Segment Prioritization Tool and Congestion Network

Summary:

KTMPO adopted a Congestion Management Process (CMP) in October 2013 that provides a framework for identifying congestion problems and possible solutions for our region. KTMPO contracted with Alliance Transportation Group to further develop and implement the CMP by collecting data, monitoring system performance, identifying congestion problems and needs, identifying and evaluating strategies, updating the CMP with a prioritized list of policies, programs, and projects, and monitoring strategy effectiveness.

As part of the CMP, a congestion network needs to be identified. It is based on available sources of traffic data as well as public input. This information is used to identify the most congested road segments and intersections in the MPO. The KTMPO Defined Network identified in the 2013 CMP will be evaluated along with other segments and corridors. A prioritization of these segments and intersections is then developed based upon weighted performance measures. Alliance has developed a tool that allows us to apply differing weights to those performance measures to best assess the congestion in the MPO.

At the July TAC meeting, Alliance presented the congested segment prioritization tool and gave instruction on how to use it. Each TAC member was then sent the spreadsheet and asked to experiment with the weights of the performance measures and provide feedback on how the criteria should be weighted. At the August TAC meeting, action will be taken to recommend weighting of the criteria and the resulting final congestion network prioritization.

Tentative Schedule:

- **August 3, 2016—TAC recommendation for a final congestion network prioritization**
- August 17, 2016—TPPB approval of final congestion network prioritization
- September 14, 2016—TAC recommendation to approve Congestion Management Process and initiate Public Involvement Process
- September 21, 2016—TPPB approves Congestion Management Process and initiate Public Involvement Process
- September 24-October 8, 2016—15-day Public Comment Period
- Public Hearing—TBD
- October 5, 2016—TAC recommendation to approve Congestion Management Process, subject to any comments received
- October 19, 2016—TPPB approves Congestion Management Process

Action Needed:

TAC recommendation for criteria weighting and final congestion network prioritization.

Item 7:

**MTP Re-Prioritization Project
Call Status and Possible
Adjustments**

MTP Re-Prioritization Project Call

Summary:

Since opening the project call, the question has come up regarding how to handle projects that are already in the MTP. Per the approved scoring criteria, all projects, including those currently in the MTP, must be submitted if an entity wants their project scored and ranked. In some cases, this can mean an entity may have to submit many applications. Staff is seeking TAC input and advice on how to proceed on this matter. Some possible scenarios are:

- 1) Submit all projects now for full evaluation and scoring (currently required by the project call).
- 2) Submit top projects now for full evaluation and scoring.
 - a. Have annual project call to submit the others for evaluation/scoring and merge into list of scored/ranked projects;
 - b. Submit others after the call closes and request their placement in unfunded section as unscored projects
 - c. Wait for 2045 MTP update in 2018/2019 to submit remaining projects for evaluation/scoring.
- 3) Amend project call now to allow designated projects to be unscored and placed in unfunded section.

Updated Tentative Schedule:

- June 1, 2016—TAC review and recommendation to approve project selection process and scoring criteria;
- June 22, 2016—TPPB approval of project selection process and scoring criteria; fiscal constraint for transit projects;
- **June 25 -- August 12, 2016—Call for projects (7 weeks);**
- Aug 15 – 19, 2016—Objective scores are assigned (1 week);
- Aug 22 – 31, 2016—TAC assigns subjective scores (1.5 weeks);
- Aug 25, 2016—TAC Project Call Workshop
- Sept 1 – 6, 2016—scores combined (objective and subjective) and ranking established;
- Sept 14, 2016—TAC reviews and recommends project ranking;
- Sept 21, 2016—TPPB approves project ranking; authorizes public involvement process for MTP amendment;
- Sept 24 – Oct 8, 2016—Public comment period (15 days) and public hearing;
- Oct 5, 2016—TAC recommends approval of MTP amendments, subject to close of comment period;
- Oct 19, 2016—TPPB approves MTP amendments

Action Needed:

TAC guidance to staff and recommendation to TPPB as needed.

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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.ktmpo.org. Pages 61-65 of the publication “The Transportation Planning Process...” is a great resource for commonly used Transportation terms.

End of Packet