



Transportation Planning Policy Board

**July 15, 2020
9:30 a.m.**

Agenda



**Killeen-Temple Metropolitan Planning Organization
Transportation Planning Policy Board
Wednesday, July 15, 2020
Central Texas Council of Governments Building
2180 North Main Street, Belton, Texas 76513**

Regular Meeting: 9:30 A.M.

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AGENDA

1. Call to Order.
2. Opportunity for Public Comment.
3. Staff Update: Advisory Committees; Air Quality; Administrative Amendment (pgs. 5-7).
4. **Action Item:** Regarding approval of minutes from May 20, 2020 meeting (pgs. 9-10).
5. **Discussion and Action Item:** Approval of Unified Planning Work Program (UPWP) Amendment regarding Task 1, Subtask 1.4, and Task 3, Subtask 3.1 (pgs. 12-14).
6. **Discussion and Action Item:** Regarding final thresholds for Environmental Justice Areas (pgs. 16-18).
7. **Discussion and Action Item:** Texas NHS Update and approval of NHS Resolution (pgs. 20-33).
8. **Discussion Item:** Public input received through June 2020 (pgs. 35-36).
9. Member comments.
10. Adjourn.

Item 3:

Staff Update

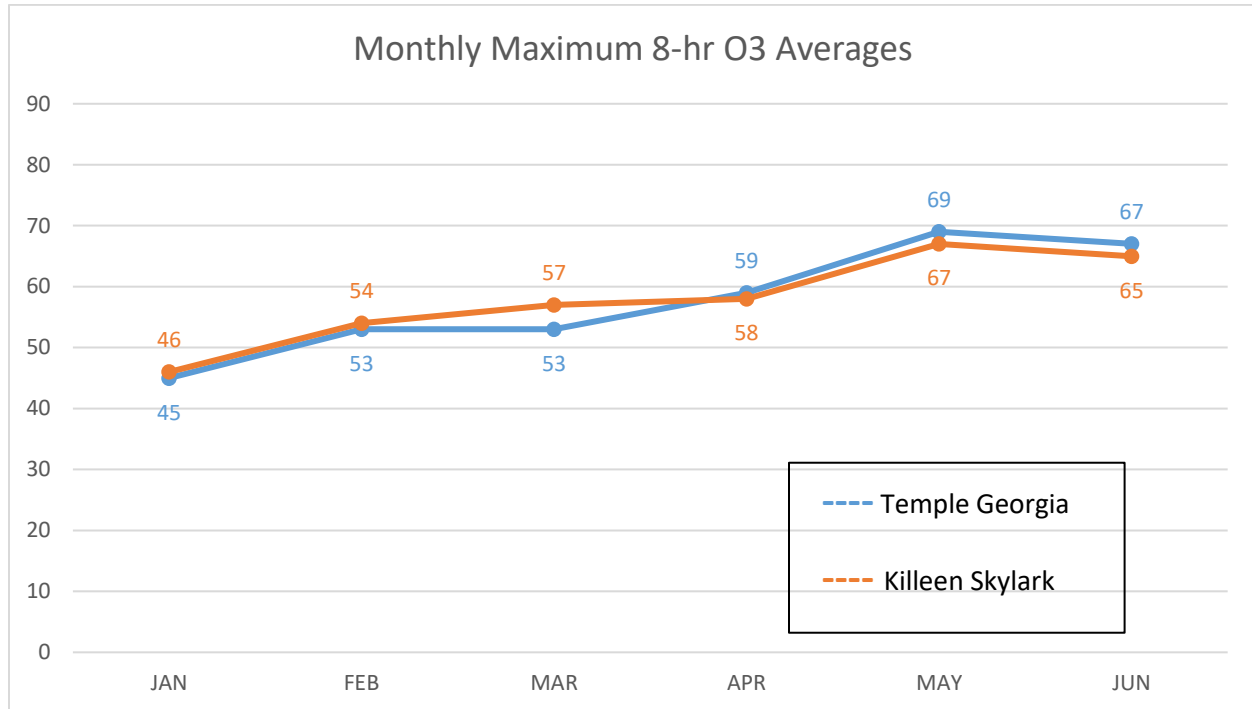
Staff Update: Upcoming Meetings

Listed below are the upcoming KTMPO meetings:

- August 5, 2020 – Technical Advisory Committee (electronic)
- August 19, 2020 – Transportation Planning Policy Board (electronic)
- September 2, 2020 – Technical Advisory Committee
- September 16, 2020 – Transportation Planning Policy Board

All meetings are scheduled for 9:30am at the Central Texas Council of Governments offices in Belton, Texas, unless otherwise noted (ie – electronic meeting).

Air Quality:



Compliance with EPA Ozone Standard: 4th Highest Annual Value				3-year average (Calculated on May 27 2020)
	2018	2019	2020	
Temple	69	63	59	64
Killeen	72	67	58	66

Administrative Amendments to the FY21-24 TIP

KTMP ID: C40-04a, C40-04b, C40-04c, H35-01, W40-05, A45-01

Administrative Amendment: TIP

- KTMPO projects C40-04a (The Narrows), C40-04b (The Narrows), C40-04c (The Narrows), H35-01 (US 190 at FM2410), W40-05 (US 190), and A45-01 (Fleet Replacement Project) were all selected for funding at the December 12, 2018 TPPB meeting. They were originally included in the FY21-24 TIP as carry overs from the FY19-22 TIP. These projects all let prior to FY21 and do not need to be included in the new TIP. An administrative TIP amendment is sufficient to accommodate this change since they are being removed for letting.

KTMP ID: T40-15

Administrative Amendment: TIP

- KTMPO project T40-15, Adams/Central Ave. Bicycle/Pedestrian Improvements was originally selected for funding at the December 12, 2018 TPPB meeting. The Total Project Cost Information on the TIP sheet has been updated. This does not affect the construction amount approved by Policy Board for the project. An administrative TIP amendment is sufficient to accommodate this change since it is only regarding cost information other than the approved construction amount.

KTMP ID: C30-03b

Administrative Amendment: TIP

- KTMPO project C30-03b, Business US 190 Phase I, was originally selected for funding at the December 12, 2018 TPPB meeting. The project was originally given a let date of 2020. KTMPO has since received an updated let date of 2021. The description of the project was also updated as it did not match what TxDOT had on file. Finally, the Total Project Cost Information on the TIP sheet was updated. This does not affect the construction amount approved by Policy Board for the project. An administrative TIP amendment is sufficient to accommodate these changes since it is only regarding the let date, language in the description, and cost information other than the approved construction amount.

KTMPO ID: W45-01

Administrative Amendment: TIP

- KTMPO project W45-01, IH-14 Advanced Traffic Management System, was originally selected for funding at the December 12, 2018 TPPB meeting. The project was originally given a let date of 2020. KTMPO has since received an updated let date of 2021. In addition, the Total Project Cost Information on the TIP sheet has been updated. This does not affect the construction amount approved by Policy Board for the project. An administrative TIP amendment is sufficient to accommodate these changes since it is only regarding the let date and cost information other than the approved construction amount.

KTMPO ID: W40-04a(1)

Administrative Amendment: TIP

- KTMPO project W40-04a(1), Loop 121 Phase 1a, was originally selected for funding at the December 12, 2018 TPPB meeting. The Total Project Cost Information on the TIP sheet has been updated. This does not affect the construction amount approved by Policy Board for the project. An administrative TIP amendment is sufficient to accommodate this change since it is only regarding cost information other than the approved construction amount.

KTMPO ID: T40-07a

Administrative Amendment: TIP

- KTMPO project T40-07a, Temple Outer Loop West-Phase 1, was originally selected for funding at the December 12, 2018 TPPB meeting. The Total Project Cost Information on the TIP sheet has been updated. This does not affect the construction amount approved by Policy Board for the project. An administrative TIP amendment is sufficient to accommodate this change since it is only regarding cost information other than the approved construction amount.

KTMPO ID: W35-07

Administrative Amendment: TIP

- KTMPO project W35-07, NW Loop 363, was originally selected for funding at the December 12, 2018 TPPB meeting. The project was originally given a let date of 2021. KTMPO has since received an updated let date of 2023. In addition, the Total Project Cost Information on the TIP sheet has been updated. This does not affect the construction amount approved by Policy Board for the project. An administrative TIP amendment is sufficient to accommodate these changes since it is only regarding the let date and cost information other than the approved construction amount.

KTMPO ID: W35-01

Administrative Amendment: TIP

- KTMPO project W35-01, US 190 Bypass, was originally selected for funding at the December 12, 2018 TPPB meeting. The Total Project Cost Information on the TIP sheet has been updated. This does not affect the construction amount approved by Policy Board for the project. An administrative TIP amendment is sufficient to accommodate this change since it is only regarding cost information other than the approved construction amount.

KTMPO ID: N/A

Administrative Amendment: TIP

- KTMPO project Troy Mays Middle School SRTS was originally selected for funding at the April 15, 2020 TPPB meeting. The project was originally given a let date of 2022. KTMPO has since received an updated let date of 2021. An administrative TIP amendment is sufficient to accommodate this change since it is only regarding a let date.
-

Administrative Admendments to the FY19-22 TIP

KTMPO ID: T40-15

Administrative Amendment: TIP

- KTMPO project T40-15, Central/Adams Avenue Bike/Pedestrian project, was selected for funding at the December 12, 2018 TPPB meeting. The original let date was 2019. KTMPO has since received a new let date. The updated let date is 2021. An administrative TIP amendment is sufficient to accommodate this change since it is only regarding the let date.

Action Needed: No action needed; for discussion only.

Item 4:

Meeting Minutes



**KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION (KTMPO)
TRANSPORTATION PLANNING POLICY BOARD (TPPB)**

Wednesday, May 20, 2020
9:30 AM

Electronic Meeting

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

Policy Board Voting Members Present

Chair Mayor Tim Davis – City of Temple	Commissioner Bobby Whitson for Judge David
Vice-Chair Mayor Jose Segarra – City of Killeen	Blackburn – Bell County
Councilmember Susan Long—City of Temple	Ryan Haverlah for Mayor Bradi Diaz – City of
Cheryl Maxwell for Councilmember David Leigh –	Copperas Cove
City of Belton	Danielle Singh for Mayor Pro Tem Jim Kilpatrick –
Judge Roger Miller – Coryell County	City of Killeen
Stan Swiatek – TxDOT	Carole Warlick—Hill Country Transit District

Policy Board Non-Voting Members Present

Kristina Manning – Fort Hood	Justin Morgan – FHWA
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Others Present

Jason Deckman – City of Temple	Jim Harvey – ATG
Christi Bonham – TxDOT Waco District	Uryan Nelson – KTMPO
Keith Sledd -- HOTDA	Kendra Coufal – KTMPO
Darrell Burtner – Hill Country Transit District	James McGill – KTMPO
	Helen Owens – KTMPO

In observance of State and Local directives regarding social distancing and travel; members participated via the live stream where possible.

Meeting Minutes

- 1. Call to Order:** Mayor Jose Segarra called the meeting to order at 9:35 a.m.
- 2. Opportunity for Public Comment:** No comments were made by the public.
- 3. Staff Update:** Advisory Committees; Air Quality.

Kendra Coufal informed the Board about upcoming KTMPO meetings. Air Quality readings for the month of April were 59 ppb in Killeen and 58 ppb in Temple.

- 4. Action Item:** Approve minutes from April 15, 2020 meeting.

Judge Roger Miller made a motion to approve the April 15, 2020 meeting minutes, seconded by Councilmember Susan Long; the motion passed unanimously.

5. Discussion and Action Item: Regarding approval of the FY21-24 Transportation Improvement Program (TIP).

Kendra Coufal informed the group that three minor changes had been made to the TIP since the last time Policy Board had viewed it and that those were listed in the packet. Ms. Coufal also stated that two public meetings had been held and no public comments were received during the meetings or public comment period for the FY21-24 TIP. Ms. Coufal stated that the TAC had supported the approval of the FY21-24 TIP at their May meeting.

Commissioner Bobby Whitson made a motion to approve the proposed FY21-24 TIP, seconded by Ryan Haverlah; the motion passed unanimously.

6. Discussion: FAST Act goal attainment through KTMPO project selection process.

Jim Harvey of Alliance Transportation Group (ATG) gave a brief presentation to the Policy Board about FAST Act requirements for the MPO. Mr. Harvey provided an overview of how KTMPO is currently doing with regard to these requirements. Mr. Harvey also explained some additions to the project scoring packet to better address FAST Act requirements in the region moving forward.

7. Discussion Item: Public input received through April 2020.

Public input received through April 2020 was presented to the TPPB. No input was received during the designated period.

8. Member Comments:

No member comments.

9. Adjourn: The meeting adjourned at 9:51 a.m.

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

Mayor Tim Davis, Chair

Uryan Nelson, KTMPO Director

Item 5:

UPWP Amendment

Amendment to the FY20-21 Unified Planning Work Program (UPWP)

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

An amendment to the FY20-21 UPWP is needed to reflect the following changes:

Language was added to Subtask 1.4 to read:

1.4 Equipment

Equipment needs for the KTMPPO may include software and automation maintenance services in order to meet the local transportation planning needs. The automation needs for the KTMPPO may include, but are not limited to the following: IT infrastructure, **Swagit video streaming**, GPS units, congestion monitoring data and equipment, data collection devices, servers, computers, peripherals, furniture, and general office equipment. **KTMPPO will offer insights on and monitor user performance of regional trails through CenTex Trails application, created and supported by the BPAC Committee.** KTMPPO staff will obtain all necessary approvals prior to all purchases over \$5,000. KTMPPO understands acquisition costs do not only apply to a single item.

As a result, the budget for Subtask 1.4, Task 1.0 and Summary Budget Table shows an overall increase by \$19,000 which accounts for \$7,000 for Swagit video streaming and \$12,000 for CenTex Trails application between FY20 and FY21. Budget revisions are shown in red on the following tables.

Language was removed under Task 3.1:

~~3.1. Committee and Board Support~~

~~MPO staff will continue to conduct Bike and Pedestrian Advisory Committee, Freight Advisory Committee, and Planner Roundtable.~~

The language under Subtask 3.1 was duplicate language from Subtask 1.1 and not necessary for Task 3. The budget table was not affected by this change as it did not include a line item for Committee and Board Support.

The remaining Subtasks 3.2, 3.3, 3.4, and 3.5 were renumbered starting at 3.1.

The TAC recommended approval of these amendments at their February meeting.

Action Needed: Approve proposed FY20-21 UPWP amendments.

Task 1.0 - FY20/21

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY20	FY21	FY20	FY21	FY20	FY21	
1.1 ADMINISTRATION	KTMP	\$381,731	\$381,731	\$0	\$0	\$0	\$0	\$763,462
1.2 TRAINING	KTMP	\$3,500	\$3,500	\$0	\$0	\$0	\$0	\$7,000
1.3 TRAVEL	KTMP	\$7,000	\$7,000	\$0	\$0	\$0	\$0	\$14,000
1.4 EQUIPMENT	KTMP	\$8,000	\$8,000	\$0	\$0	\$0	\$0	\$16,000
1.5 OPERATING COST	KTMP	\$85,117	\$85,117	\$0	\$0	\$0	\$0	\$170,233
Total		\$485,348	\$485,348	\$0	\$0	\$0	\$0	\$970,695

Task 1.0 - FY20/21

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY20	FY21	FY20	FY21	FY20	FY21	
1.1 ADMINISTRATION	KTMP	\$381,731	\$381,731	\$0	\$0	\$0	\$0	\$763,462
1.2 TRAINING	KTMP	\$3,500	\$3,500	\$0	\$0	\$0	\$0	\$7,000
1.3 TRAVEL	KTMP	\$7,000	\$7,000	\$0	\$0	\$0	\$0	\$14,000
1.4 EQUIPMENT	KTMP	\$8,000 \$17,500	\$8,000 \$17,500	\$0	\$0	\$0	\$0	\$16,000 \$35,000
1.5 OPERATING COST	KTMP	\$85,117	\$85,117	\$0	\$0	\$0	\$0	\$170,233
Total		\$485,348 \$494,848	\$485,348 \$494,848	\$0	\$0	\$0	\$0	\$970,695 \$989,695

UPWP BUDGET SUMMARY FY20/21

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY20	FY21	FY20	FY21	FY20	FY21	
1. Administration-Management	KTMPPO	\$485,348	\$485,348	\$0	\$0	\$0	\$0	\$970,695
2. Data Development and Maintenance	KTMPPO	\$40,148	\$40,148	\$0	\$0	\$0	\$0	\$80,296
3. Short Range Planning	KTMPPO & HCTD	\$57,911	\$57,911	\$21,906	\$21,906	\$29,444	\$29,444	\$218,522
4. Metropolitan Transportation Plan	KTMPPO	\$167,052	\$167,052	\$0	\$0	\$0	\$0	\$334,104
5. Special Studies	KTMPPO	\$399,000	\$302,500	\$0	\$0	\$0	\$0	\$701,500
Total		\$1,149,459	\$1,052,959	\$21,906	\$21,906	\$29,444	\$29,444	\$2,305,117

UPWP BUDGET SUMMARY FY20/21

SUBTASK	Responsible Agency	Transportation Planning Funds (TPF) ⁽¹⁾		FTA Sect. 5307		Local		Total
		FY20	FY21	FY20	FY21	FY20	FY21	
1. Administration-Management	KTMPPO	\$485,348 \$494,848	\$485,348 \$494,848	\$0	\$0	\$0	\$0	\$970,695 \$989,695
2. Data Development and Maintenance	KTMPPO	\$40,148	\$40,148	\$0	\$0	\$0	\$0	\$80,296
3. Short Range Planning	KTMPPO & HCTD	\$57,911	\$57,911	\$21,906	\$21,906	\$29,444	\$29,444	\$218,522
4. Metropolitan Transportation Plan	KTMPPO	\$167,052	\$167,052	\$0	\$0	\$0	\$0	\$334,104
5. Special Studies	KTMPPO	\$399,000	\$302,500	\$0	\$0	\$0	\$0	\$701,500
Total		\$1,149,459 \$1,158,959	\$1,052,959 \$1,062,959	\$21,906	\$21,906	\$29,444	\$29,444	\$2,305,117 \$2,324,117

Item 6:

**Environmental Justice
Communities of Concern**

Environmental Justice Communities of Concern

Environmental Justice

A 1994 Presidential Order directed every Federal agency to make environmental justice (EJ) part of its mission by identifying and addressing, as appropriate, disproportionately high and adverse human health or environmental effects of its programs, policies, and activities on minority and low-income populations. EJ Communities of Concern (COC) are identified in the KTMPO PPP and include minority populations and persons of low income and Hispanic or Latino descent.

To generate an overall map of potential Environmental Justice Areas, the Block Groups identified for Low-Income, Minority and Hispanic populations are combined. A Block Group only needs to be identified in one of the categories to be selected; it does not have to meet all three criteria.

In determining the EJCOC in 2018, the following approved thresholds were used:

- Low Income: Census Block Groups ranked above the 85th Percentile of the regional income index (Family Poverty, Household Poverty, Median Income).
- Minority Population: Census Block Groups with 50% or more of the population identifying as minority of one or more race (Black; Asian or Pacific Islander, American Indian, Eskimo or Aleut; Other Race).
- Hispanic/Latino Descent: Census Block Groups with 35% or more persons of Hispanic or Latino descent.

Staff Recommendation: Maintain the thresholds as they are right now (Low Income – 85th Percentile, Minority – 50%, Hispanic/Latino – 35%).

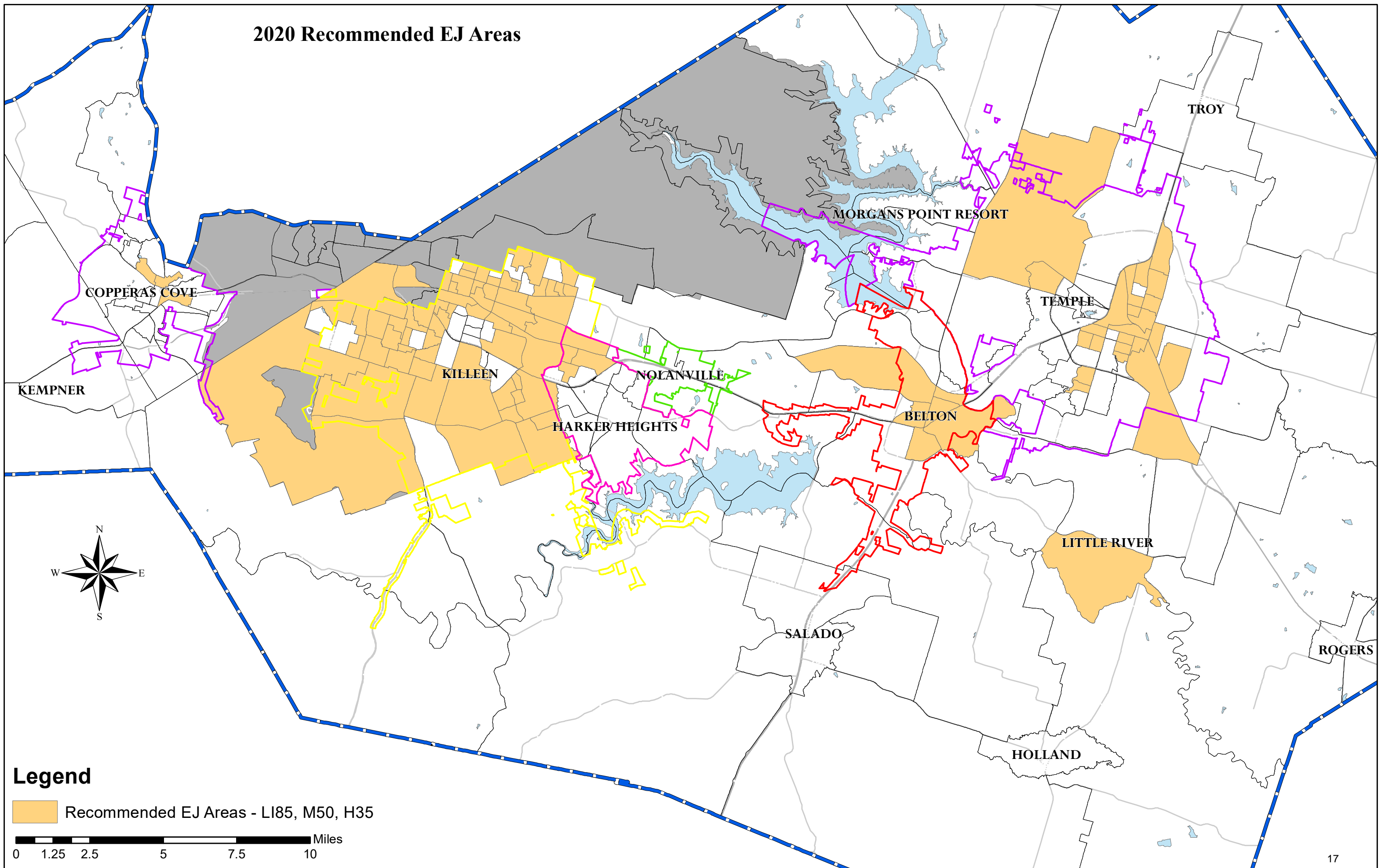
Staff is recommending this due to wanting to study historical trends in Environmental Justice areas and because our analysis of the most updated census data shows that the population numbers in the KTMPO area have not changed drastically and these thresholds are still capturing an acceptable amount of block groups in our region. Additionally, staff will be reviewing these Environmental Justice areas again in two years once the latest Census data comes out.

Staff has been working with TAC for the last several meetings to review the thresholds for designating Environmental Justice Areas in the KTMPO region as part of our regular updates to the KTMPO Public Participation Plan (PPP).

TAC recommended approval of the thresholds the EJ areas at their July meeting.

Action Needed: Approve the thresholds of Low Income greater than the 85th percentile, Minority population greater than 50%, and Hispanic/Latino population greater than 35% for Environmental Justice Communities of Concern (EJCOC).

2020 Recommended EJ Areas

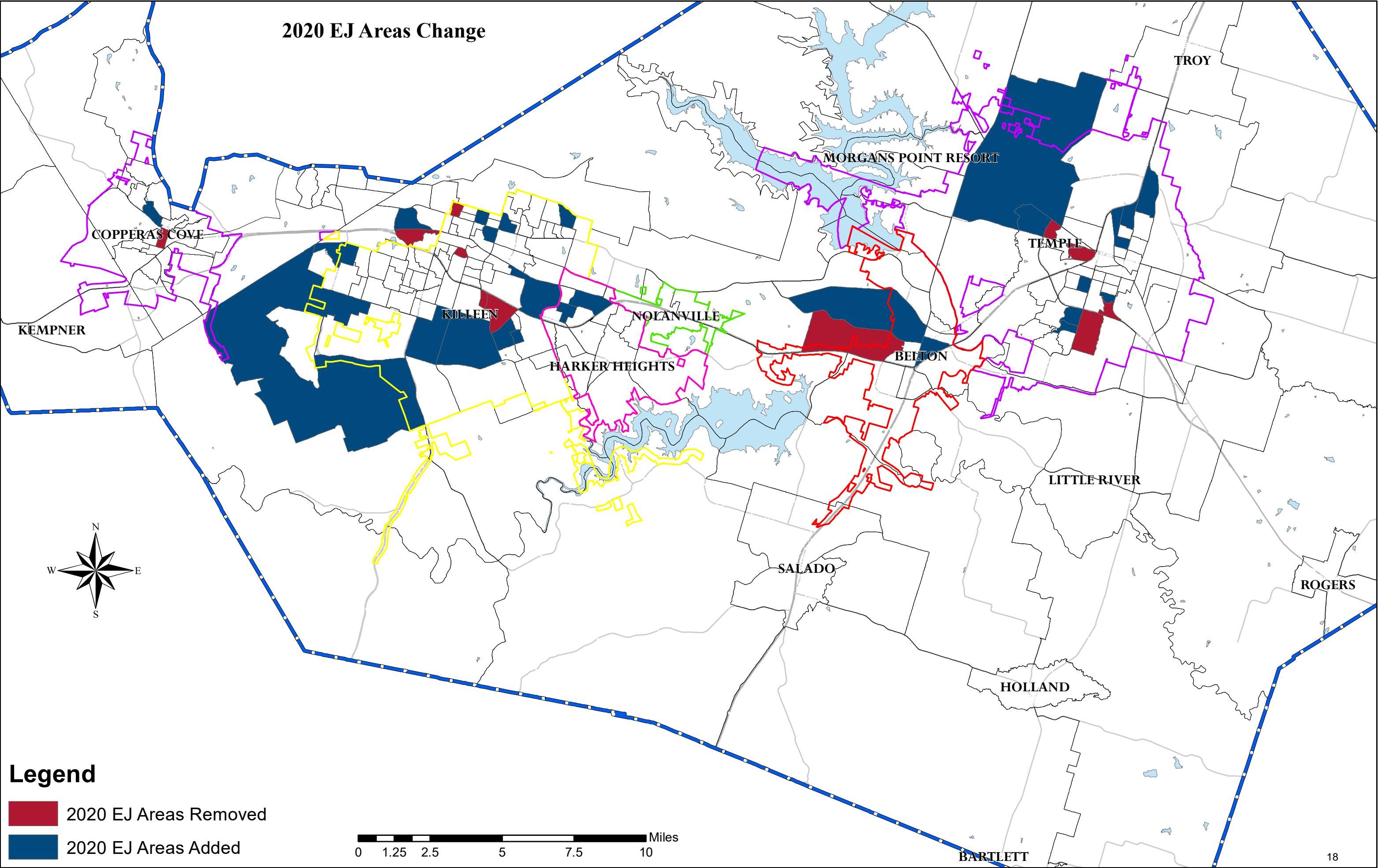


Legend

 Recommended EJ Areas - LI85, M50, H35

0 1.25 2.5 5 7.5 10 Miles

2020 EJ Areas Change



Item 7:

Texas NHS Update

Texas NHS Update

The National Highway System (NHS) is a network of roads critical to the nation's economy, defense, and mobility. The purpose of the NHS is to provide a system of interconnected principal arterial routes which will serve major population centers, international border crossings, ports, public transportation facilities, and other major travel destinations. The system was originally designated in 1996 and has not had a comprehensive review since then.

In July 2017, the Texas Department of Transportation (TxDOT) began a review of the National Highway System (NHS) in Texas. The purpose of the review was to conduct an evaluation of the current system in a data driven matter. The review also aligns with the FAST Act and Performance Measures emphasis on keeping the system up to date. In January 2019 TxDOT staff conducted a review of KTMPO roadways and presented their findings to staff. In February 2019, staff presented this information to TAC for feedback and returned that feedback to the NHS review team. Following their review of the system TxDOT presented formal recommendations for modification to FHWA on June 17, 2020. These recommendations will be reflected on future maps if approved by the FHWA.

Officials from TxDOT will be giving a brief presentation on the results of the NHS review for the KTMPO region.

Staff requests that Policy Board approve the resolution supporting the modifications to the NHS in the KTMPO region. A copy of this resolution is included in your packet.

TAC recommended approval of this resolution at their July meeting.

Action Needed: Approve NHS Resolution.

Texas National Highway System (NHS) Review

The National Highway System (NHS) is a network of nationally-significant roadways in the US. The system is defined within the Code of Federal Regulations (CFR), an annual codification of the general and permanent rules published in the Federal Register by the executive departments and agencies of the Federal Government. According to 23 CFR 470.107 (b), "The National Highway System shall consist of interconnected urban and rural principal arterials and highways (including toll facilities) which serve major population centers, international border crossings, ports, airports, public transportation facilities, other intermodal transportation facilities and other major travel destinations; meet national defense requirements; and serve interstate and interregional travel." Facilities on the NHS are eligible for National Highway Performance Program (NHPP) funds and performance measures (PM1, PM2, and PM3) are calculated for the system.

TxDOT TPP Corridor Planning Section is reviewing the Texas NHS to evaluate the current system throughout the State to ensure that it includes the most important roadways for the movement of people and goods. This process will include modifying the NHS based on criteria and evaluation of the current NHS and significant regional roadways as well as feedback from MPOs throughout the state. The chart below outlines the criteria of the review process.

Does a road...?	Yes	No
Serve major activity centers		
Serve long-distance travel needs / Connect large regions		
Provide mobility across a region, especially between outlying areas and the urban core		
Avoid residential areas and provide limited access to surrounding land uses		
Directly link Interstate Highways, Freeways, or Expressways		

Scores were given based on the number of criteria that scored "Yes". Based on the total score of routes, preliminary suggestions were provided.

Existing Other Principal Arterial (OPA) / Existing Minor Arterial (MA)	
Number of criteria that scored "Yes"	Preliminary Suggestion
4-5	Keep as OPA / Re-designate as OPA
2-3	Further Review
1	Keep as MA / Re-designate as MA

TxDOT conducted a review of KTMP roadways and presented their findings to KTMP staff in January 2019. Based on their review, TxDOT outlined 12 roadway segments that were suggested as either: removal from NHS, downgrade functional classification, or further review. KTMP feedback was requested regarding these segments. Staff reviewed the following 12 roadways and created a Yes/No color chart based on our regional knowledge of these segments.

Yes = Green; No = Red.

Corridor Name	Serve Major Activity Centers	Serve Long Distance Travel Needs	Provide Mobility Across Region	Avoid Residential Areas and Provide Limited Access to Land Uses	Directly Link Interstates, Freeways, or Expressways	NHS Suggested Action	KTMPO Desired Action
FM 439	Red	Red	Red	Red	Green	Remove From NHS	Remove From NHS
Avenue H	Red	Green	Red	Red	Green	Remove From NHS	Remove From NHS
FM 2410	Green	Green	Green	Red	Green	Further Review	Add to NHS
Ft. Hood St	Green	Green	Green	Red	Green	Further Review	Keep on NHS
South WS. Young	Green	Green	Green	Red	Green	Further Review	Keep on NHS
Trimmier Rd	Green	Green	Green	Red	Green	Further Review	Add to NHS
FM 1741	Green	Green	Green	Red	Green	Further Review	Keep on NHS
FM 2305	Green	Green	Green	Red	Green	Further Review	Add to NHS
SH 317	Green	Green	Green	Red	Green	Further Review	Add to NHS
SH 36 W	Green	Green	Green	Green	Green	Further Review	Keep on NHS
SH 9	Green	Green	Green	Green	Green	Downgrade Functional Classification	Keep F.C.
FM 1741	Green	Green	Green	Red	Green	Downgrade Functional Classification	Keep F.C.

The study team is also interested in routes that may need to be added to the NHS that were not identified through the methodology process. KTMPO staff proposed the following routes:

- SH 317 north of SH 36,
- SH 53 East of Loop 363, and
- SH 95 South of US190/LP363/SH 36.

Another component of the NHS review is to review intermodal connector. Under 23 CFR Appendix D, Subpart A of Part 470, this code defines criteria for traffic generation that an intermodal facility must meet in order to justify the designation of an NHS intermodal connector. These criteria are outlined in the table below.

Facility Type	Criteria 1	Criteria 2	Criteria 3
Commercial Aviation Airports	250,000 annual passengers	100 trucks/day/direction	100,000 tons/year arriving or departing by truck
Ports - Terminals	50,000 TEUs/year	100 trucks/day/direction	
Ports - Bulk Commodity Terminals	500,000 tons/year by highway/direction	100 trucks/day/direction	
Ports - Passengers	250,000 passengers/year	1,000 passengers/day for at least 90 days during the year	
Truck/Rail	50,000 TEUs/year	100 trucks/day/direction	
Pipelines	100 trucks/day/direction		
Amtrak	100,000 passengers/year		
Intercity Bus	100,000 passengers/year		
Public Transit	500 parking spaces at park & ride lots	Stations with 5000 daily bus or rail passengers with significant highway access	
Ferries	1,000 passengers/day for at least 90 days during the year	500 parking spaces at park & ride lots	

During the review of the KTMPO intermodal connectors, the study team suggested to remove Skylark Field and Draughton-Miller Airport based on the lack of data available that meet the criteria of their facility type.

At the February 2019 TPPB Meeting, the KTMPO Policy Board proposed to remove FM 439 and Avenue H from the NHS system as recommended by TxDOT; add FM 2410, Trimmier Rd., FM 2305, and SH 317 to the NHS; keep S. W.S. Young, FM 1741, and SH 36 W. on the NHS; and to keep the functional classification of SH 9 and FM 1741 (these are all captured in the red and green table listed on the previous page). The Policy Board also proposed to keep Skylark Field and Draughton-Miller Airport on the intermodal connectors, as well as add the Killeen-Ft. Hood Regional Airport, the Temple Central Pointe Rail Park, and the Civilian-Military Joint Use Rail/Truck Multi-Modal Facility to the intermodal connectors.

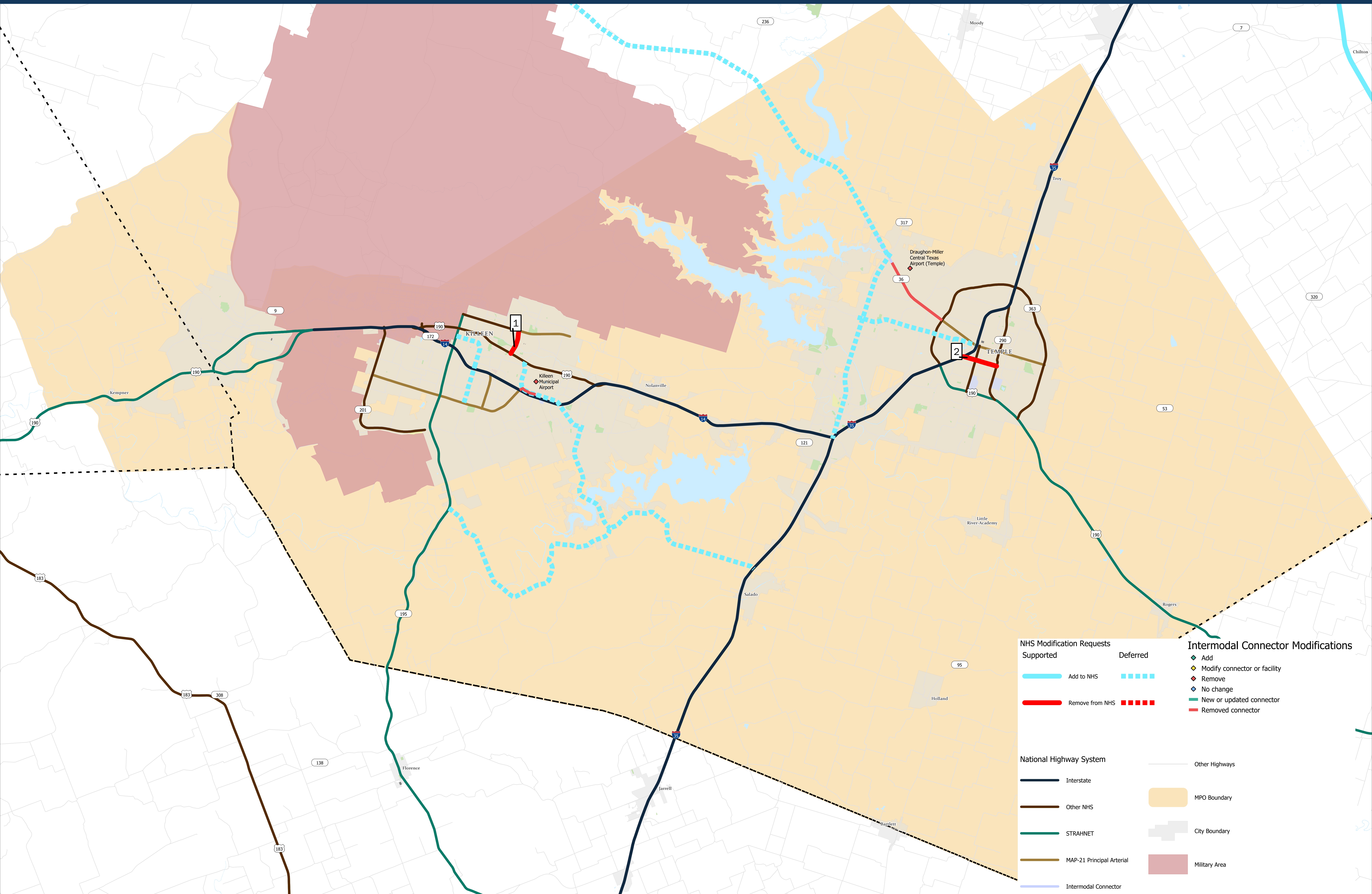
Killeen-Temple Metropolitan Planning Organization Request for Modifications to the National Highway System

This document presents descriptions, statements of justification, and location maps for the National Highway System modification requests being submitted by the Killeen-Temple Metropolitan Planning Organization (KTMPO). A total of two corridors are being submitted for a functional classification downgrade from Principal Arterial-Other to Minor Arterial and removal from the NHS. A total of two intermodal facilities and their connectors are being submitted for removal from the NHS.

Coordination Documentation with Local and Regional Officials

On January 25, 2019 the TxDOT Transportation Planning and Programming Division (TPP) held a meeting with representatives from the TxDOT Waco District and KTMPO to review the NHS in the KTMPO area. Over the following months, TPP, KTMPO staff, and FHWA Texas Division coordinated to identify modifications to the NHS.

Texas NHS Study - Killeen-Temple NHS Modification Requests



KTMPO Corridor Modifications

Corridor: FM 439

Route Description

The route description is documented in Table 1 below.

Table 1 FM 439 Route Description

Agency	Route Name	From	To	Length (miles)	AADT	Proposed NHS Action	Proposed FC Action
KTMPO	FM 439	Rancier Ave	BUS 190	1.2	15,590	Remove from NHS	Downgrade Principal Arterial - Other to Minor Arterial

Statement of Justification

The portion of FM 439 between Rancier Ave and BUS 190 was automatically added to the system through the MAP-21 legislation because of its classification as a Principal Arterial – Other but does not meet the criteria established for Principal Arterial classification or for inclusion in the NHS.

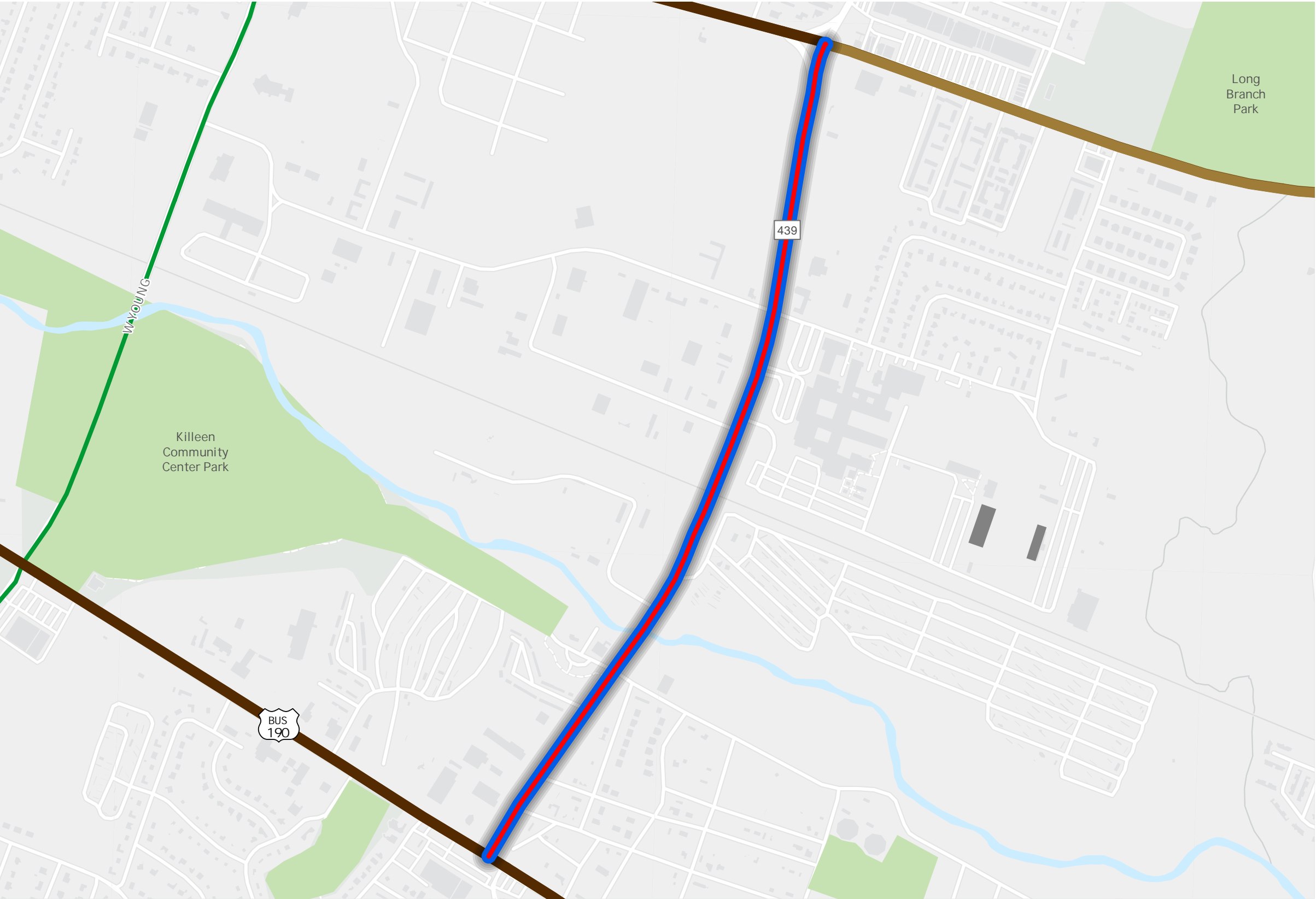
Below are the reasons why this portion of FM 439 should be downgraded from Principal Arterial-Other to Minor Arterial and removed from the NHS:

- The corridor is not part of an adopted State or metropolitan transportation plan or program. No major improvements are currently programmed for the corridor being removed from the NHS.
- Removing this corridor will not impact the continuity of other NHS routes. There are NHS routes nearby with higher capacities that support regional mobility.
- The corridor does not serve any major activity centers.

National Highway System Modification Request

Remove from NHS: FM 439 - From Rancier Ave to BUS 190

DRAFT NOT FOR DISTRIBUTION



Modification Request Details

Functional Classification Modification
Downgrade Principal Arterial - Other to Minor Arterial

Does corridor connect NHS on both ends?
Yes

Current Facility Information

Functional Class	Principal Arterial - Other
On the NHS?	On the NHS
Avg. Daily Traffic	15,590
Pct. Trucks	1.6%
MAP-21 Principal Arterial?	Yes

NHS Criteria Evaluation

Serve major activity centers?	No
Serve long-distance travel?	No
Link surrounding region with urban core?	No
Limit access to surrounding land uses?	No
Link other major regional facilities?	No

Other Request Details

The Killeen-Temple MPO requests the removal of this corridor because it does not meet the criteria for a Principal Arterial on the NHS. It does not serve regional or long-distance mobility or serve major activity centers.

Modification Requests

- Add to NHS
- Remove from NHS
- Active Corridor

National Highway System

- Interstates
- Other NHS
- MAP-21 PA
- STRAHNET
- Intermodal Connector

Other Func. Class

- Other Principal Arterial
- Minor Arterial
- Border Crossing
- TxDOT Districts
- MPO Boundary

Major Intermodal Facilities

- AMTRAK
- Airport
- Ferry
- Intercity Bus
- Multi. Passenger
- Port
- Public Transit
- Truck/Pipeline
- Truck/Rail

0 0.1 0.2 Miles



Sources: TxDOT Roadway Inventory 2017, FHWA
* Short stubs are likely the result of GIS linework errors



Corridor: Avenue H

Route Description

The route description is documented in Table 2 below.

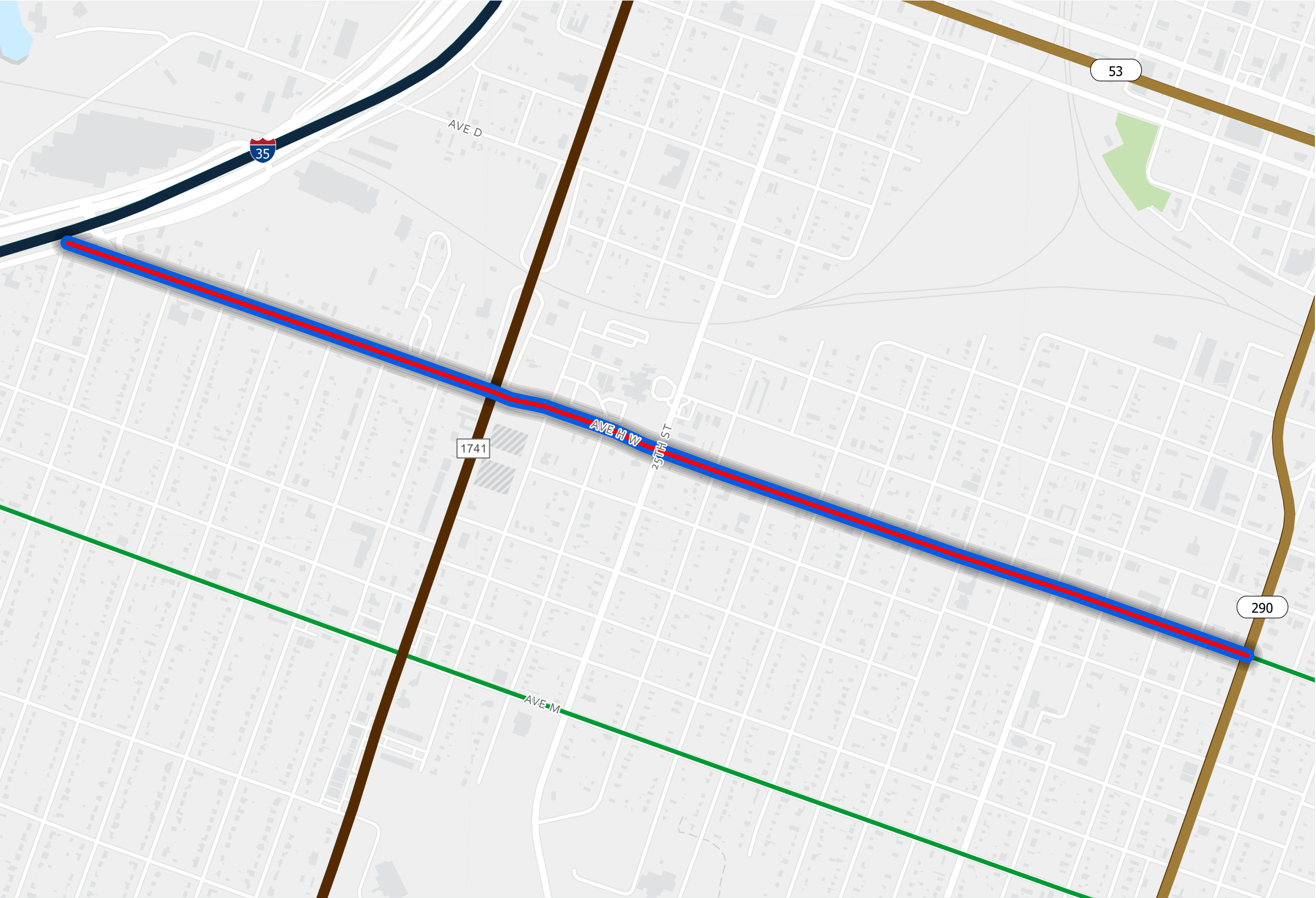
Table 2 Avenue H Route Description

Agency	Route Name	From	To	Length (miles)	AADT	Proposed NHS Action	Proposed FC Action
KTMPPO	Avenue H	SH 290	I-35	1.5	6,853-8,785	Remove from NHS	Downgrade Principal Arterial - Other to Minor Arterial

Statement of Justification

The portion Avenue H between SH 290 and I-35 was automatically added to the system through the MAP-21 legislation because of its classification as a Principal Arterial – Other but does not meet the criteria established for Principal Arterial classification or inclusion in the NHS. Below are the reasons why this portion of Avenue H should be downgraded from Principal Arterial-Other to Minor Arterial and removed from the NHS:

- The corridor is not part of an adopted State or metropolitan transportation plan or program. No major improvements are currently programmed for the corridor being removed from the NHS.
- Removing this corridor will not impact the continuity of other NHS routes. There are NHS routes nearby with higher capacities that support regional mobility.
- The corridor does not serve any major activity centers.



Modification Request Details

Functional Classification Modification
Downgrade Principal Arterial - Other to Minor Arterial

Does corridor connect NHS on both ends?
Yes

Current Facility Information

Functional Class	Principal Arterial - Other
On the NHS?	On the NHS
Avg. Daily Traffic	6,853-8,785
Pct. Trucks	3.2%-10.1%
MAP-21 Principal Arterial?	Yes

NHS Criteria Evaluation

Serve major activity centers?	No
Serve long-distance travel?	No
Link surrounding region with urban core?	No
Limit access to surrounding land uses?	No
Link other major regional facilities?	Yes

Other Request Details

The Killeen-Temple MPO requests the removal of this corridor because it does not meet the criteria for a Principal Arterial on the NHS. It does not serve regional or long-distance mobility or serve major activity centers.

Modification Requests

- Add to NHS
- Remove from NHS
- Active Corridor

National Highway System

- Interstates
- Other NHS
- MAP-21 PA
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- Airport
- Ferry
- Intercity Bus
- Multi. Passenger
- Port
- Public Transit
- Truck/Pipeline
- Truck/Rail

0 0.1 0.2 Miles



Sources: TxDOT Roadway Inventory 2017, FHWA
* Short stubs are likely the result of GIS linework errors



KTMPO Intermodal Facility Modification Requests

Recommendations were made for the removal of two existing intermodal connectors in the Killeen-Temple MPO area based on shifts in commercial air service locally. These removals are presented in Table 3 below.

Table 3. Intermodal Facility Modification Requests

Facility	Type	Modification Request	Current Connector Description	Thresholds for Inclusion on the NHS ¹	Reason for Modification	Facility ID
Draughon-Miller Central Texas Airport (Temple)	Airport	Remove	SH 36 between the Airport and HK Dodgen Loop (Loop 363)	250K passengers per year, 100 trucks per day entering and leaving, or 100K tons arriving or departing annually by truck	Facility does not serve commercial travel or major freight shipments at this time.	TX43A
Killeen Municipal Airport	Airport	Remove	FM 3470, FM 2410 between the Airport Entrance and US 190	250K passengers per year, 100 trucks per day entering and leaving, or 100K tons arriving or departing annually by truck	Facility no longer serves commercial travel. Commercial air travel for the region now served by Killeen-Fort Hood Regional Airport.	TX42A

The location of the two intermodal connector modifications is shown in Figure 1 below.

¹ As defined by FHWA in Appendix D to Subpart A of 23 CFR 470

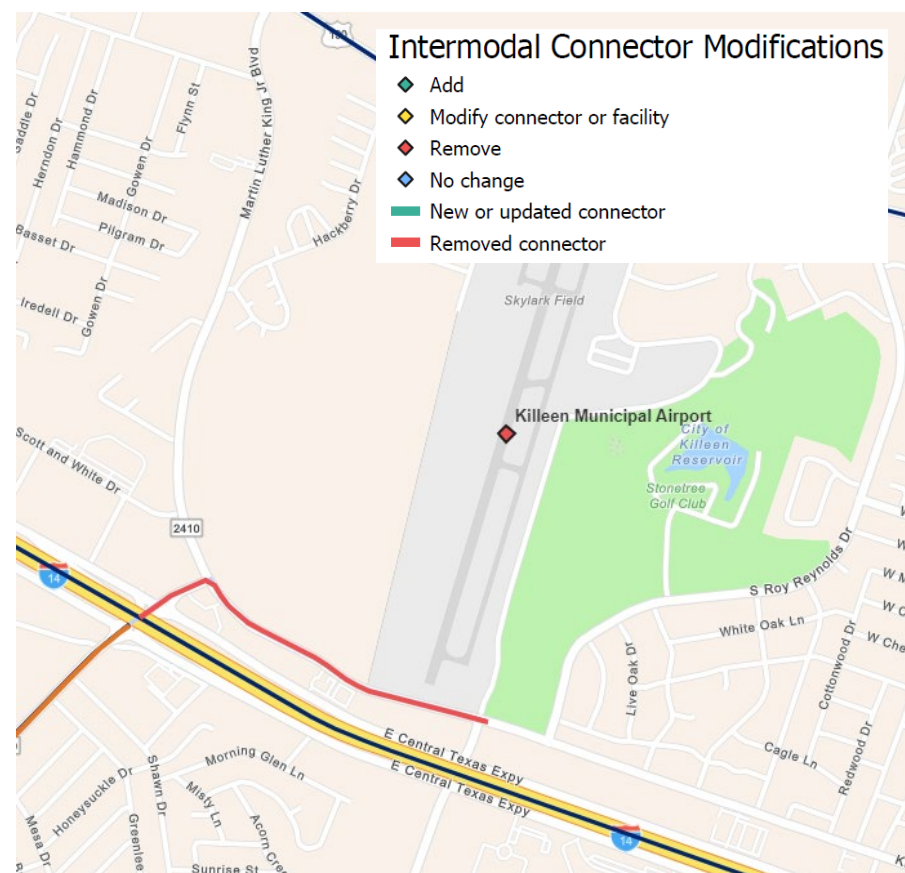
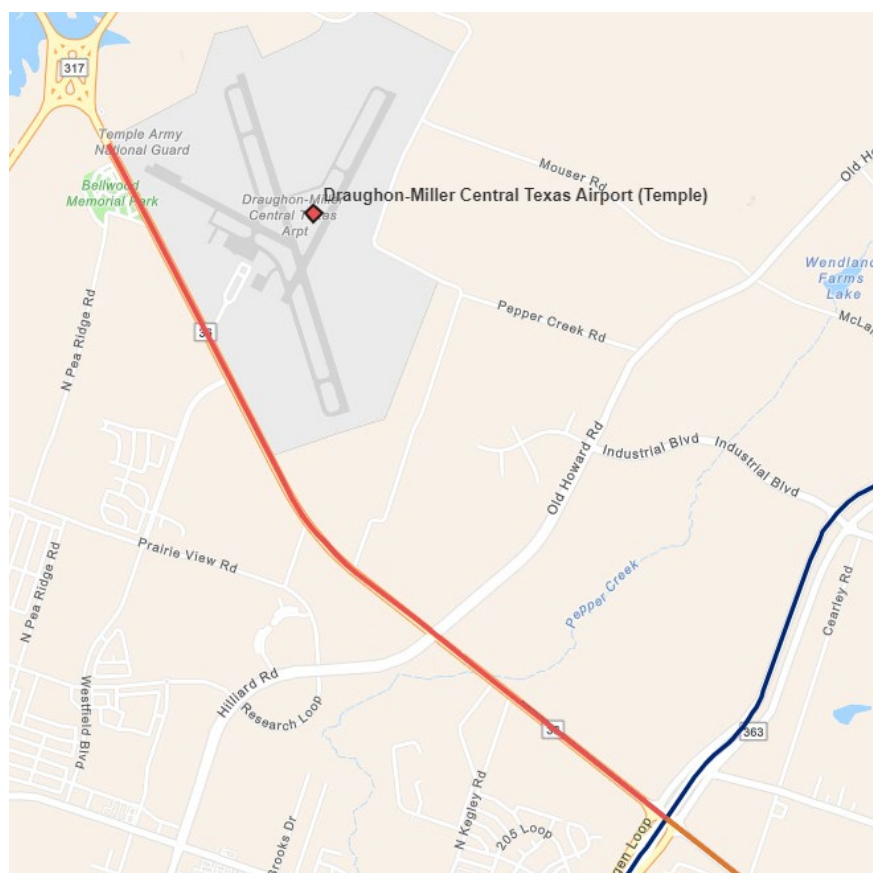


Figure 1. Intermodal Connector Modifications



RESOLUTION NO. 2020-05

A RESOLUTION OF THE KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION SUPPORTING MODIFICATIONS TO THE NATIONAL HIGHWAY SYSTEM (NHS)

- WHEREAS;** The National Highway System (NHS) is a network of major roadways critical to the regional, statewide, and national movement of people and goods designated by the Federal Highway Administration (FHWA) in coordination with local officials,
- WHEREAS;** the Intermodal Connector system identifies the most direct access route between the NHS and major intermodal facilities, as defined by FHWA in Appendix D to Subpart A of 23 CFR 470, and the main NHS; and
- WHEREAS;** the Texas Department of Transportation's (TxDOT's) Transportation Planning and Programming Division (TxDOT-TPP), in coordination with the Federal Highway Administration – Texas Division (FHWA Texas) has completed a comprehensive review of the NHS in Texas, including the Intermodal Connectors and main NHS, to produce recommended modifications to the system; and
- WHEREAS;** TxDOT-TPP has developed these modifications in coordination with FHWA-Texas and Killeen-Temple Metropolitan Planning Organization (KTMPO) staff and Technical Advisory Committee; and
- WHEREAS;** the addition or removal of NHS designation from a roadway does not affect ownership or maintenance of the roadway; and
- WHEREAS;** downgrading the Federal Functional Classification of a roadway from Principal Arterial – Other to Minor Arterial or other functional classification automatically removes it from the NHS unless it provides access to a qualifying intermodal facility;

NOW, THEREFORE, BE IT RESOLVED that the Killeen-Temple Metropolitan Planning Organization hereby recognizes and supports the following modifications to the Functional Classification System and NHS:

The functional classification downgrade from Principal Arterial – Other to Minor Arterial on the following corridors:

- FM 439 between Rancier Ave and BUS 190
- Avenue H between SH 290 and I-35

The removal of the following facilities and connectors:



- Draughton-Miller Central Texas Airport (Temple) and connector road SH 36 between the Airport and HK Dodgen Loop (Loop 363)
- Killeen Municipal Airport and connector road FM 3470, FM 2410 between the Airport Entrance and US 190

PASSED AND ADOPTED on this 15th day of July 2020 at a regular meeting of the Killeen-Temple Metropolitan Planning Organization Transportation Planning Policy Board, which meeting was held in compliance with the Open Meetings Act, Texas Government Code, 511.001, *et seq.*, at which meeting a quorum was present and voting.

ATTEST:

Mayor Tim Davis, Chair

Uryan Nelson, KTMPD Director

Item 7:

Public Input

Public Input Received

KTMP has been collecting public comments received online, via emails, public hearings, meetings, social media accounts, web maps and other forms of communication. Staff bring these to the TAC and TPPB on a regular basis to ensure the MPO boards are aware of public concerns and have the opportunity to respond accordingly. Public input received through June 2020 is included in meeting packet.

Action Needed: No action needed; for discussion only.



KTMPO Public Comments

FY20

Date	Name	Means of Public Comment	Public Comment	Date Comment Was Presented to TAC	Public Comment Topic	Jurisdiction

Grant Opportunities

- **Real-Time Transit Infrastructure and Rolling Stock Condition Assessment Demonstration Program:**

Deadline July 17, 2020

Federal Transit Administration:

The purpose of this grant is to provide funds to support innovative, effective approaches, practices, partnerships, and technologies that enhance public transportation effectiveness, increase efficiency, expand quality, promote safety, and improve the traveler's experience. The FTA is particularly looking for projects that can provide real-time assessment of transit infrastructure and rolling stock conditions.

Estimated Funding Available: \$1,250,000

No minimum or maximum funding limits

<https://www.transit.dot.gov/funding/applying/notices-funding/real-time-transit-infrastructure-and-rolling-stock-condition>

- **Advanced Transportation and Congestion Management Technologies Deployment Initiative**

Deadline August 31, 2020

DOT Federal Highway Administration:

The main purpose of this grant is to develop model deployment sites for large scale installation and operation of advanced transportation technologies to improve safety, efficiency, system performance, and infrastructure return on investment.

Estimated Funding Available: \$60,000,000

Maximum Funding Limit: \$12,000,000

Federal share: up to 50% of total cost

<https://www.fhwa.dot.gov/fastact/factsheets/advtranscongmgmtfs.cfm>

- **Texas Volkswagen Environmental Mitigation Program:**

Deadline first come first served

Texas Commission on Environmental Quality (TCEQ):

The purpose of this grant is to replace or repower local freight and port drayage trucks. Any person or entity who operates an eligible local freight or port drayage truck at least 51% of the vehicle's annual mileage in one of the Priority Areas is potentially eligible to apply for the grant. Bell County is one of the Priority Areas. More information can be found at the below website.

Estimated Funding Available: \$33,000,000

<https://www.tceq.texas.gov/news/releases/texas-volkswagen-environmental-mitigation-program-accepting-applications>

- **Texas Emissions Reduction Plan (TERP) Rebates Program:**

Deadline first come first served

Texas Commission on Environmental Quality (TCEQ):

The purpose of this grant is to replace or repower older, heavy-duty, on-road and non-road diesel equipment. To be eligible, applicable must have owned and operated equipment being replaced or repowered for at least two years immediately preceding the application signature date and commit to use the grant-funded equipment at least 55% of the annual mileage or hours of operation in one of the eligible areas.

Williamson County is one of the Priority Areas. More information can be found at the below website.

Estimated Funding Available: \$10,000,000

<https://www.tceq.texas.gov/airquality/terp/rebate.html>

Websites:

Grants.Gov: <https://www.grants.gov/>

TxDOT: <https://www.txdot.gov/government/funding.html>

FTA: <https://www.transit.dot.gov/funding/grants/grant-programs>

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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
CTR TAG	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.

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)

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 Amounts
H15-02b	2304-02-036 2304-02-040	FM 2410	Roy Reynolds Dr to Commercial Dr	Widen from 2 to 4 lane roadway with sidewalks, median and turn lanes incorporating context sensitive design	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 FM 3423 (Indian Trail)	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	Knights Way to FM 2410 in W Belton	Widen main lanes from 4 to 6 lane divided freeway and ramp alignments	87.45	1	1	\$39,000,000	2019	Yes	H	FY18-20 Category 2: \$84,000,000
C30-03b	0231-02-062	Business US 190 Phase I	FM 1113 (Avenue D) to Constitution Dr	Construction of a raised median and conversion of one travel lane in each direction to a sidewalk/bicycle lane	81.00	4	4	\$10,000,000	2020	Yes	EJ	
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 (1)	2502-01-021	Loop 121 Phase 1a	Lake Rd (FM 439) to US 190	Widen from two lanes to four lanes with a raised median	56.45	14	5	\$28,000,000	2021	Yes	EJ, H, P	FY21-22 Category 2: \$127,350,000
W35-07	0320-06-008	NW Loop 363	Industrial Blvd to Lucius McCelvey Dr	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	Lampasas County Line to US 190 W of Clarke Rd.	Widen from two lanes to four lanes divided and construct interchange	68.27	9	2	\$48,150,000	2021	Yes	L, H,	
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	2020	Yes	EJ, L, H	

COMBINED CATEGORY 2 AND CATEGORY 7 FUNDS

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
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)

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
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)

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
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	FY15-17 Category 7 Funds: \$15,530,684
K30-02	0909-36-156	Rosewood Dr Extension	Riverstone Dr to Chaparral Dr	Construction of a 4 lane roadway with center median and an off-system bridge	38	4	6	\$7,965,049	2018	No	EJ, ARZ	
N40-01	2057-01-009	Main St Connectivity	Ave I to US 190 Frontage Rd	Construct ADA bicycle and pedestrian pathways along Main St and under US 190	31	3	3	\$596,386	2018	No	N/A	
T35-24	0909-36-155	Prairie View Road Enhancements	W of SH 317 to N Pea Ridge Rd	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 mi S 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 E	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 (FM 1741)	Marlandwood Rd to Canyon Creek Rd	Installation of 6 ft sidewalks on both sides of FM 1741	94.35	1	1	\$500,000	2019	Yes	N/A	
T40-15	0184-03-039 0232-01-053	Adams Ave/Central Ave. Bicycle/Pedestrian Improvements	IH-35 to MLK Jr Blvd (Spur 290)	Installation of ADA compliant sidewalks traveling east on Central Avenue from 31st Street to 3rd Street and west on Adams Avenue from 3rd Street to 31st Street with tapered connections to existing sidewalks at bridges	92.00	2	2	\$1,300,000	2021	Yes	EJ, H	
C40-05	3128-01-013 3131-01-007	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)	Charles Tillman Way from Constitution Dr to Charles Tillman Way @ RG III Blvd	Construct shared use path for bicycle and pedestrian use	70.32	11	6	\$170,000	2020	No	EJ, H	
S40-04a	2136-01-020	Main St Sidewalks Phase 1	Salado Plaza Dr to College Hill Dr (North End)	Main St. improvements to include lighting, sidewalks, and 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	FY21-22 Category 7 Funds: 13,002,000
T40-07a	0909-36-168	Temple Outer Loop West-Phase I	522 ft South of Jupiter Dr to 20 ft North of Riverside Trail	Widen from 2 to 4 lane divided roadway with a curb and gutter, Phase 1	64.67	17	4	\$10,298,198	2021	No	P, H	
N40-04	0909-36-167	Nolanville City Park Connectivity	Park (North Mesquite) along Ave H to 10th St	Construct ADA compliant sidewalks, ramps, and crosswalks	72.34	6	3	\$1,558,802	2021	No	P	
A45-01	0909-36-170	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												
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
C40-04a	0909-39-131	The Narrows (Constitution Drive)	Constitution Dr from Bowen Ave to 0.2 mi S Martin Luther King Jr. Blvd	Construction of sidewalks for bicycle and pedestrian use	72.78	8	9	\$850,000	2020	No	EJ,H	FY 18-20 Category 7 (\$360,000) and Category 9 (\$490,000): \$850,000
MPO CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE PROGRAM)												
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
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 bicycle and pedestrian 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 Rd (FM 817)	Construct 5 ft sidewalks on the north side of 13th Ave from Main St to Woodall; Transition to 10 ft SUP from Woodall to Waco Rd	72.16	7	4	\$423,611	2022	No	P	FY21-22 Category 9 Funds: \$423,611
STATEWIDE CATEGORY 9 PROJECTS (TRANSPORTATION ALTERNATIVE SET-ASIDE PROGRAM)												
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
B40-04	0909-36-157	Chisholm Trail Corridor Hike and Bike Facility Phase II	University Blvd 0.25 mi. south of Crusader Way to Tiger Dr 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 Statewide 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 bicyclists	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 Dr	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
	0909-36-180	Troy - Mays Middle School SRTS	On Lee Mays Blvd and Luther Curtis Rd to Raymond Mays Middle School	Construct 0.2 miles of accessible sidewalks with crosswalks and ADA ramps.	N/A	N/A	N/A	\$277,571	2022	No	N/A	FY20 SRTS Funds: \$277,571
Other Projects												
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
C45-01	N/A	Fort Hood Access Ramps	Old Georgetown Rd to BNSF Railway	Construct exit ramp to Tank Destroyer Blvd and entrance ramp from Old Georgetown Rd	N/A	N/A	N/A	N/A	2021	N/A	—	Local Contribution \$5,015,690

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 PROJECTS ⁷												
KTMPO ID	CSJ Number	Project Name	Project Limits	Project Description	Project Score ¹	Project Ranking ¹	Prioritized List ¹	Estimated Cost	Estimated Let Date	CMP Network ²	Environmental Considerations ³	Funding ⁴
W30-17	1835-01-026	FM 93 Phase 1 and 2	SH 317 to Wheat Rd	Widen from 2 to 4 lane roadway with a bike lane and 6 ft sidewalks	64.81	16	3	\$8,794,843	2025/2026	Yes	EJ, H, P	Short Range Funding: \$46,096,645
T40-07b	0909-36-174	Temple Outer Loop West Phase II	454 ft South of Dove Meadow Blvd to IH-35 S	Widen from 2 to 4 lane divided roadway with a curb and gutter; includes hike and 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/pedestrian facilities.	59.99	27	5	\$23,000,000	2023	No	EJ, H	
D40-01	N/A	North Waco Rd (Old 81)	West Main St to West Big Elm Rd	Widen from 2 to 4 lanes, with curb, gutter, and 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 curb, gutter, and left turn lane at a future school; 6 ft sidewalk on west side and a 10 ft wide hike and bike path on east side	48.17	50	7	\$8,968,950	2025	No	H	Long Range Funding: \$378,524,579
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	Widen roadway, add turn lanes and bicycle/pedestrian facilities	36.45	66	9	\$300,500	2028	No	—	
T15-06k	0015-14-109	IH 35	US 190/IH 14 to Loop 363	Reconstruct and widen to 8 lanes	78.27	1	10	\$129,700,000	2029	Yes	EJ, H	
C35-02ab ⁵	0724-01-055	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	0184-02-055	SH 36	SH 317 to Lake Belton Bridge	Widen from 2 to 4 lane divided roadway	71.63	5	13	\$36,715,000	2026	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	2027	No	EJ	
H45-03	0184-02-055	FM 3481 (Stillhouse Lake Rd) Phase 1	Prospector Trail to Proposed Chaparral Rd Intersection	Widen roadway from 2 to 4 lanes with a continous center turn lane and sidewalks	69.33	7	15	\$6,566,500	2026/2027	No	H, ARZ, P	
W30-23	0184-04-051	US 190/Loop 363	Spur 290 to SH 95	Upgrade to 4 lane freeway with continous frontage roads and grade separation at MLK Blvd	68.36	8	16	\$16,784,000	2025	Yes	EJ	
C30-03a	N/A	Business US 190 - Phase II	FM 1113 (Ave D) to FM 116 South	Convert the center turn lane to a controlled left turn lane with raised median, maintain the two existing travel lanes, add curb, gutter, and bike lanes on both sides of the roadway, 6 ft sidewalk on the south side and pedestrian crossings with curb ramps at street intersections	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 a continous turn lane, curb, gutter and sidewalks	66.35	12	19	\$5,561,600	TBD		—	
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 Loop 363	65.45	14	21	\$18,000,000	TBD	Yes	EJ	
K40-24	N/A	Featherline Dr	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 Dr	65.00	15	22	\$9,000,000	2025	No	EJ	
H15-01	N/A	FM 3423 (Indian Trail)	Business 190 (VMB) to US 190/IH-14	Construct an urban cross-section roadway with sidewalks, median and pedestrian enhancements within the appropriate context sensitive cross section	64.55	18	23	\$3,391,800	TBD	No	—	
T35-36a	N/A	S 1st Street/Spur 290 Improvements	SE Loop 363 to Ave M	Widen from 4 lane undivided to 4 lane divided roadway with a curb, gutter and hike and bike trails to incorporate multimodal design	64.45	19	24	\$8,500,000	TBD	Yes	EJ	
K40-11	N/A	WS Young Dr	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 Cemetary 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 roadway from 2 to 4 lanes with bicycle lanes, a curb and gutter	61.55	22	27	\$3,500,000	TBD	No	H	
H45-04	N/A	FM 3481 (Stillhouse Lake Rd) Phase 2	Proposed Chaparral Rd Intersection to South City Limits	Widen roadway from 2 to 4 lanes with a continuous center turn lane and 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, sidewalks and bicycle 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 and gutter; add 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 Blvd	Widen from 2 to 4 lane roadway with a 10 ft 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 (Stan Schlueter Loop)	Upgrade interchange	59.17	29	32	\$52,450,000	TBD	Yes	EJ	

T45-16	N/A	S 1st Street Extension	Loop 363/US 190 to Blackland Rd	Construct arterial thoroughfare with street trees, sidewalks and bike lanes.	58.49	30	33	\$10,830,000	2020	No	___	Regionally Significant Unfunded List
K25-04	N/A	SH 195 Overpass	At Business 190	Construct grade separation over Business 190 and BNSF RR	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	Construct 4 lane roadway with 10 ft wide trail	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	Construct a 4 lane divided roadway with a curb and gutter; includes hike and bike trail and dedicated bike lanes to incorporate multimodal transportation	57.34	33	36	\$74,000,000	2023	No	EJ	
B40-07	N/A	Connell St	US 190/IH-14 to Loop 121	Widen from 2 to 4 lanes with center turn lane and 5 ft wide sidewalks	56.64	34	37	\$5,244,000	TBD	No	EJ	
W35-09	N/A	FM 93	SH 95 to SH 36	Widen from 2 to 4 lanes, provide for a raised median	56.37	35	38	\$5,245,000	TBD	Yes	EJ	
K40-26	N/A	Cunningham Rd	US 190/IH-14 to Little Nolan Rd	Construct and widen from 2 to 4 lane road with shoulder, median turn lane, bike and pedestrian facilities	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	Construct 4 lane FM Road with continuous turn lane and shoulders	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	Widen from 2 to 4 lanes with a continous turn lane with a curb, gutter and sidewalks	55.84	38	41	\$5,149,800	TBD	No	L	
K40-17	N/A	Trimmier Rd Improvements	Stagecoach Rd to Chaparral Rd	Widen from 2 to 4 lanes with a median	55.34	39	42	\$7,900,000	TBD	No	EJ, P	
K30-23	N/A	Jasper Bridge Expansion	S Florence Rd to Jasper Dr	Construct 8 lane overpass with pedestrian improvements and turnarounds	54.99	40	43	\$24,628,150	TBD	No	EJ	
K25-05	N/A	Florence Rd	Elms Rd to Jasper Dr	Widen from 2 to 5 lanes with curb and gutter	54.72	41	44	\$6,292,450	TBD	No	EJ	
B40-08	N/A	Sparta Rd	Loop 121 to Dunn's Canyon Rd	Construct protected turn lane with 10 ft wide hike and bike trail	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	Upgrade interchange	54.36	43	46	\$52,450,000	TBD	Yes	EJ	
T15-02	N/A	Kegley Rd (Phase 2)	856 ft S of FM 2305 to 450 ft S of Wildflower Lane	Widen and add a middle turn lane, curb and gutter; includes 12 ft shared use path and will incorporate multimodal design	51.63	45	47	\$3,800,000	TBD	No	H	
T45-13	N/A	Little River Rd	SE HK Dodgen Loop to FM 93	Reconstruct two lane arterial roadway with a center-turn lane, bike lanes, and 6 ft sidewalks	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)	Install traffic signal	49.36	48	49	\$190,000	TBD	Yes	EJ	
W35-03	N/A	SH 195	FM 3470 (Stan Schlueter Loop) to Chaparral Rd	Reconstruct to a 4 lane freeway with frontage roads	48.45	49	50	\$39,862,000	TBD	Yes	EJ, H	
B40-02	N/A	Southwest Parkway	Loop 121 to W Ave O	Construct 2 lane roadway with center turn lane	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	Construction of a roundabout	47.83	52	52	\$10,000,000	2022	No	___	
T45-11	N/A	East Young Ave	Lower Troy Rd to Loop 363	Reconstruct and realign roadway from 2 to 4 lanes with a 6 ft wide sidewalk, and a center turn lane.	47.50	53	53	\$3,940,000	2023	No	EJ	
K40-06	N/A	FM 2484	SH 195 to IH-35	Widen from 2 to 4 lane divided roadway	45.08	54	54	\$35,000,000	TBD	No	H, ARZ, P	
B30-02	N/A	Shanklin Rd West - Outer Loop	IH-35 to E end of Three Creeks subdivision	Construct 4 lane roadway	44.82	55	55	\$10,820,000	TBD	No	___	
B40-09	N/A	West Avenue D	Loop 121 to Wheat Rd	Construct 2 lane roadway with sidewalks and bike lanes	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/IH-14	Improve intersection to enhance safety	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	Construct 2 lane roadway with shoulder	43.46	58	58	\$12,060,000	TBD	No	___	
B40-01	N/A	Huey Dr	Washington Dr to IH-35 Frontage Rd	Construct 2 lane roadway with a center turn lane	42.92	59	59	\$2,615,000	TBD	No	EJ	
T45-17	N/A	Azalea Dr	Lowes Dr to S 1st St Future Extension	Construct new 2 lane roadway with a continous center turn lane, 5 ft bike lanes, and 6 ft sidewalks	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	Construct 2 lane roadway with shoulder	42.19	61	61	\$1,386,984	TBD	No	EJ	
H30-03	N/A	FM 3219	Veterans Memorial Blvd/Business 190 to FM 439	Widen from 2 to 4 lane divided roadway	42.10	62	62	\$8,000,000	TBD	No	L,H	
B45-08	N/A	Mesquite Rd Improvements	IH-35 Frontage Rd to Shanklin Rd	Widen to 2 lanes with a curb, gutter, shoulders, bicycle lanes, and a 6 ft wide sidewalk on both sides	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	Construct a continuous shoulder and bicycle lane	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	Extend Warriors Path to US 190/IH -14	38.08	65	65	\$5,703,255	TBD	No	H	
T45-10	N/A	East Ave C	14th St to 24th St	Reconstruct roadway to 2 lanes and add bicycle lanes, sidewalks, lighting, and landscaping.	35.17	67	66	\$2,630,000	2023	No	EJ	
T45-12	N/A	Lake Pointe Dr	SH 317 to Clinite Grove Blvd (Future Collector)	Construct 2 lane roadway with bike lanes and sidewalks	33.49	68	67	\$4,000,000	2023	No	___	
T45-14	N/A	Lower Troy Rd	East Young Ave to Loop 363	Reconstruct roadway to 2 lanes with a continuous center-turn lane and 6 ft sidewalks	29.33	69	68	\$6,920,000	2023	No	EJ	

H40-03 ⁶	N/A	Chaparral Rd	FM 3481 to Killeen City Limits on Chaparral Rd	Widen and straighten roadway and construct hike and bike trail	N/A	N/A	N/A	N/A	N/A	No	H	Unscored/Unfunded List
C25-02	N/A	FM 1113	Signal Light at FM 116/Ave B to Summers Rd	Widen from 2 to 4 lanes with ADA-compliant sidewalks	N/A	N/A	N/A	N/A	N/A	No	H	
C25-04	N/A	North Side Loop	FM 1113 to FM 116	Widen from 2 to 4 lanes with raised median curb and gutter with enclosed storm drainage	N/A	N/A	N/A	N/A	N/A	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	No	EJ, L, H, ARZ	
H40-04	N/A	E FM 2410	E side from FM 2410 Community Park to Simmons Rd	Expand roadway to include curb and gutter, access management control, turning lanes, drainage improvements, and context sensitive solutions	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	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	No	—	
W30-06	N/A	Killeen Airport Entrance	SH 201 at Killeen Airport Entrance	Construct interchange	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 a raised median	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 bicycle and pedestrian improvements	N/A	N/A	N/A	N/A	N/A	No	EJ, H, P	

TRANSPORTATION CHOICES/LIVABILITY PROJECTS [®]												
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 and 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 bicycle and pedestrian facility	69.02	11	5	\$1,700,000	2027	No	—	
K45-01	N/A	Heritage Oaks Hike & Bike Trail Segment 2	Siltstone Dr to Fawn Dr	Construct shared use path for bicyclists and pedestrians	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	Long Range Funding: \$26,937,064
T45-02	N/A	Downtown Sidewalks - 1st and 3rd St	Mayborn Civic Center to Ave 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 Ave Sidewalk & Shared Use Path	Main St (SH 317) to IH 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	\$6,000,000	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 and bike trail	71.08	9	12	\$3,252,480	TBD	No	EJ, H, P	
T45-03	N/A	E Central Sidewalks	MLK Dr 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 St Sidewalk	E 24th Ave to E 6th St	Construct 5 ft sidewalk on east side from E. 24th Ave to Downing St, construct 5 ft sidewalk on both sides from E 13th Ave to Railroad Track, and construct 5 ft 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 Dr 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	W 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/Rd 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 Dr Sidewalks	W 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 and 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 ft 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 ft hike and bike trail	62.58	22	24	\$720,000	2023	No	P	
S40-01	N/A	Salado Creek Shared Use Path - Royal St	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 bicyclists and pedestrians	62.42	23	25	\$368,959	TBD	No	ARZ, H, ES	
T45-05	N/A	Hickory Rd Sidewalk	Midway Dr to Aspen Trail	Construct 6 ft sidewalk with crosswalks	61.43	24	26	\$500,000	TBD	No	P	
B45-06	N/A	Central Ave 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 Dr to Ave I	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 bordering 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 Dr to Ave I	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 @ Rosewood Dr to USACE Property	Construct shared use path for bicyclists and pedestrians	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	

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

Notes:
¹Project score, project ranking and prioritized list is based on the scoring criteria at the time those projects were selected for
²CMP network is based on the network when that project was selected for funding and/or when project was submitted to
³Environmental considerations is based on the environmental conditions when that project was selected for funding and/or

Environemntal Considerations	
Symbol	
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. Projecct 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 notated in the Regional Multimodal Plan as approved by TPPB on October 24, 2018. After assigning
⁸Note: KTMPO recieved 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
MTP Amendment Dates
July 17, 2019* April 15, 2020
September 18, 2019*
October 23, 2019
February 19, 2020*

* Administrative Amendments

End of Packet