



KTMPO ● P.O. Box 729 ● Belton, TX 76513

Killeen-Temple Metropolitan Planning Organization Public Hearings*

Regarding:

Amendments to the 2040 Metropolitan Transportation Plan (MTP) and FY 2015-2018
Transportation Improvement Program (TIP).

Wednesday, March 23, 2016

**12:00 pm
City of Killeen
City Council Chambers
101 N. College Street
Killeen, TX 76541**

**3:00 pm
City of Copperas Cove
Copperas Cove Civic Center
1206 West Ave. B
Copperas Cove, TX 76522**

Public Comment Period March 19 through April 3, 2016

***Note of Basic Requirement:**

Please note that public notice of public involvement activities and time established for public review and comment on the Transportation Improvement Program (TIP) and TIP development (and/or other planning documents) will satisfy the Program of Projects requirements of the Urbanized Area Formula Program (FTA Section 5307) operated by Hill Country Transit District.

All KTMPO Public Hearings are held at ADA Accessible locations. If you require any special needs please contact KTMPO staff at (254) 770-2363.

For other KTMPO information, visit:

<http://www.ktmpo.org>



Mobility 2040 Metropolitan Transportation Plan (MTP) and FY2015-2018 Transportation Improvement Program (TIP) Amendments

MTP BACKGROUND:

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

TIP BACKGROUND:

The TIP is a 4-year transportation planning document that includes a detailed listing of projects reasonably expected to begin within a four year period. The current TIP covers FY15 through FY18. Projects included in the TIP must be consistent with the Metropolitan Transportation Plan (MTP) and are chosen based on regional priority and available funding. An amendment to a TIP is not completed until the change has also been included in the STIP—Statewide Transportation Improvement Program.

The public involvement process for an MTP and TIP amendment includes a 15 day public comment period and a public hearing. A tentative schedule is outlined below.

TENTATIVE SCHEDULE:

- March 19 through April 3, 2016—Public Comment Period
- March 23, 2016—Public Hearing
 - 12:00 pm—City of Killeen Council Chambers
 - 3:00 pm—Copperas Cove Civic Center
- April 6, 2016—TAC recommendation to approve MTP and TIP amendments
- April 20, 2016—TPPB approval of MTP and TIP amendments

AMENDMENT SUMMARIES:

Transportation Alternatives Program (TAP) “Category 9”

Background:

KTMPO received authority to allocate certain federal transportation funds in Fiscal Years 2015, 2016, 2017. Moving Ahead for Progress in the 21st Century (MAP-21) legislation authorized federal transportation funds through the Federal Highway Administration for transportation needs within the boundaries of designated metropolitan planning organizations (MPOs) and transportation management areas (TMAs).

MAP-21 originally established the Transportation Alternatives Program (TAP) to provide for a variety of alternative transportation projects, including many that were previously eligible activities under separately funded programs.



When the Fixing America's Surface Transportation (FAST) Act was adopted in December 2015, the TAP program was repealed and replaced with the Surface Transportation Block Grant Program. FAST Act § 1109. However, the FAST Act reserved funds for transportation alternative projects for the years 2016-2020 and those funds can be obligated pursuant to MAP-21 rules.

Funds may be used for projects or activities that are related to surface transportation and described in the definition of "Transportation Alternatives." [23 USC 101(a)(29)]. Types of projects include:

- Construction, planning, and design of on-road and off-road trail facilities for pedestrians, bicyclists, and other non-motorized forms of transportation.
- Construction, planning, and design of infrastructure-related projects and systems that will provide safe routes for non-drivers, including children, older adults, and individuals with disabilities to access daily needs.
- Conversion and use of abandoned railroad corridors for trails for pedestrians, bicyclists, or other non-motorized transportation users.
- Construction of turnouts, overlooks, and viewing areas.
- Community improvement activities.

City of Killeen: Heritage Oaks Hike and Bike Trail, Segment 3A—\$800,000

The City will construct a hike and bike trail from Flagstone Drive to Pyrite Drive, approximately 0.75 miles long. The trail head will have bicycle parking near schools, trash receptacles, benches, emergency call boxes, trail lighting, and new landscaping. The pick-up and drop-off for the nearby school will also be re-designed to increase safety and access. The Heritage Oaks Hike and Bike Trail consists of five segments that connect to a neighboring city park, local school, residential, commercial, and recreational facilities, and ultimately into Bell County for a connection to Stillhouse Hollow Lake.

City of Copperas Cove: Avenue D Streetscape Revitalization Phase 3—\$351,642

This is the final phase of the revitalization of Avenue D. This phase of the project runs from South 1st Street to South 3rd Street for 376 linear feet. The project consists of the construction of a multi-terraced concrete walkway. The construction includes curb ramps, handicapped ramps, pedestrian railings, crosswalk striping, and necessary auto and pedestrian signage. The project will also include landscape appurtenances such as benches and trash receptacles.

Surface Transportation Program Metropolitan Mobility "Category 7"

In December 2015, the City of Killeen was awarded Category 7 funds that partially funded an extension of Rosewood Drive. Killeen's above referenced Category 9 project was a portion of the Rosewood extension that was not funded. Since the Hike and Bike trail is receiving funding through another source, the Category 7 project cost must be adjusted to show this change.

2040 Metropolitan Transportation Plan Project Listing

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

KTMPO 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 Killean-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 Killean UZA	Replacement of ADA-accessible paratransit buses	\$ -	\$ -	\$ 77,930	FTA 5339

SHORT RANGE FUNDED (2014-2023)

KTMPO 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)

KTMPO ID	Project Name	Full Extents	Description	PE Cost	ROW Cost	CON Cost	Programmed Amount	
K40-21	Heritage Oaks Hike & Bike Trail Segment 4	Proposed Roseword 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	

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

KTMPO 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	FM113 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	
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

KTMPO 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 to Knights Way	Widen from 4 to 6 lane roadway.	\$ -	\$ -	\$ -	\$9,000,000	FY 17
							\$33,800,000	Total

MPO CATEGORY 7 PROJECTS

KTMPO 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

*Project partially funded--Cat 7 dollars: \$6,254,481

ROADWAY PROJECTS

KTMPO 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

KTMPO 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	TOTAL
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 for	\$ -	\$ -	\$ -	\$ 835,920	
							TOTAL	\$ 2,466,705
							\$ 62,503,836	Total

*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.

HIGHWAY PROJECT LISTING

KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2015-2018 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2018

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
WACO	BELL	0909-36-160	CS	2018	C	Killeen	Killeen	\$800,000

LIMITS FROM: Rosewood Dr., from Flagstone Dr.

LIMITS TO: Pyrite Dr.

DESCRIPTION: Construction of a shared use Ped/Bike Path

REVISION DATE: May-16

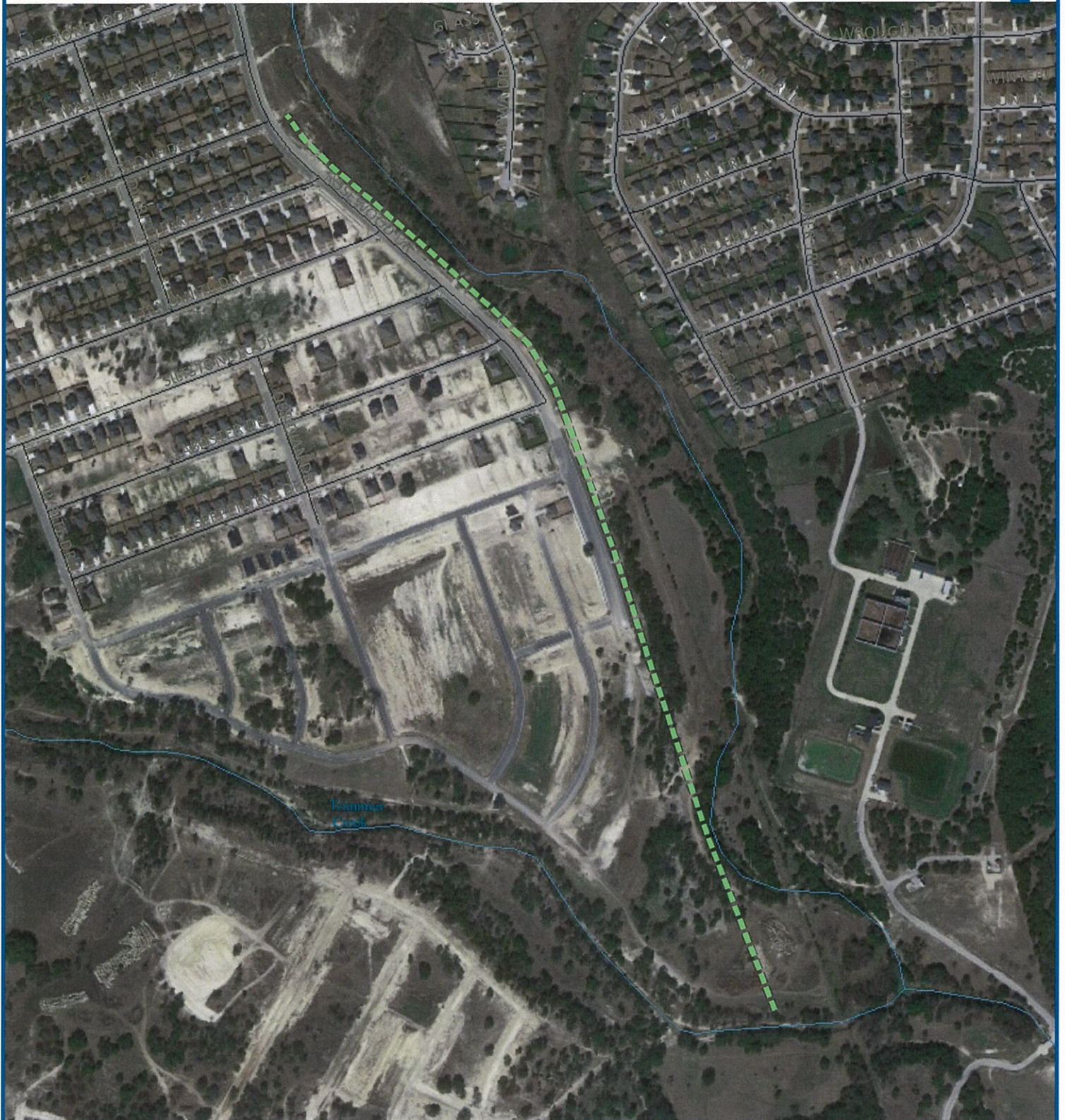
MPO ID: K40-23

FUNDING CATEGORY: 9

REMARKS: Construct Alternate Transportation Route Consisting of Shared-Use Path with lighting for Pedestrians & Bicyclists.

PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION:			AUTHORIZED FUNDING BY CATEGORY				
PRELIMINARY ENGINEERING:	\$22,200	COST OF APPROVED PHASES:	CATEGORY:	FEDERAL:	STATE:	LOCAL:	TOTAL:
RIGHT OF WAY:				9	\$640,000		\$160,000
CONSTRUCTION:	\$800,000	\$800,000					
CONSTRUCTION ENGINEERING	\$16,800		TOTAL	\$640,000		\$160,000	\$800,000
CONTINGENCIES:	\$8,000						
INDIRECTS:	\$2,000						
BOND FINANCING:	\$0						
TOTAL PROJECT COST (YOE):	\$849,000						



KTMP Projects

- Other
- Additional lanes
- Maint. / Rehab.
- New roadway
- Sidewalk/Trail

- Interstate
- US Highway
- State Highway
- Bus. US and FM
- County Road
- Streets
- Ramp/Frontage

- Other Features**
- Planning Boundary (MAB)
 - Cities
 - Parks
 - Fort Hood
 - Lake
 - USACoE Property

Project Name: Heritage Oaks Hike and Bike Trail, Segment 3A

Description: Construction of a hike and bike trail with lighting

ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL

HIGHWAY PROJECT LISTING

KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2015-2018 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2017

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
WACO	Coryell	0909-39-130	CS	2017	C	Copperas Cove	Copperas Cove	\$351,642
LIMITS FROM:	Avenue D, from S 3rd Street						REVISION DATE: May-16	
LIMITS TO:	S 1st Street						MPO ID: C40-02b	
DESCRIPTION:	Construction of multi-terraced concrete walkways.						FUNDING CATEGORY: 9, 3	

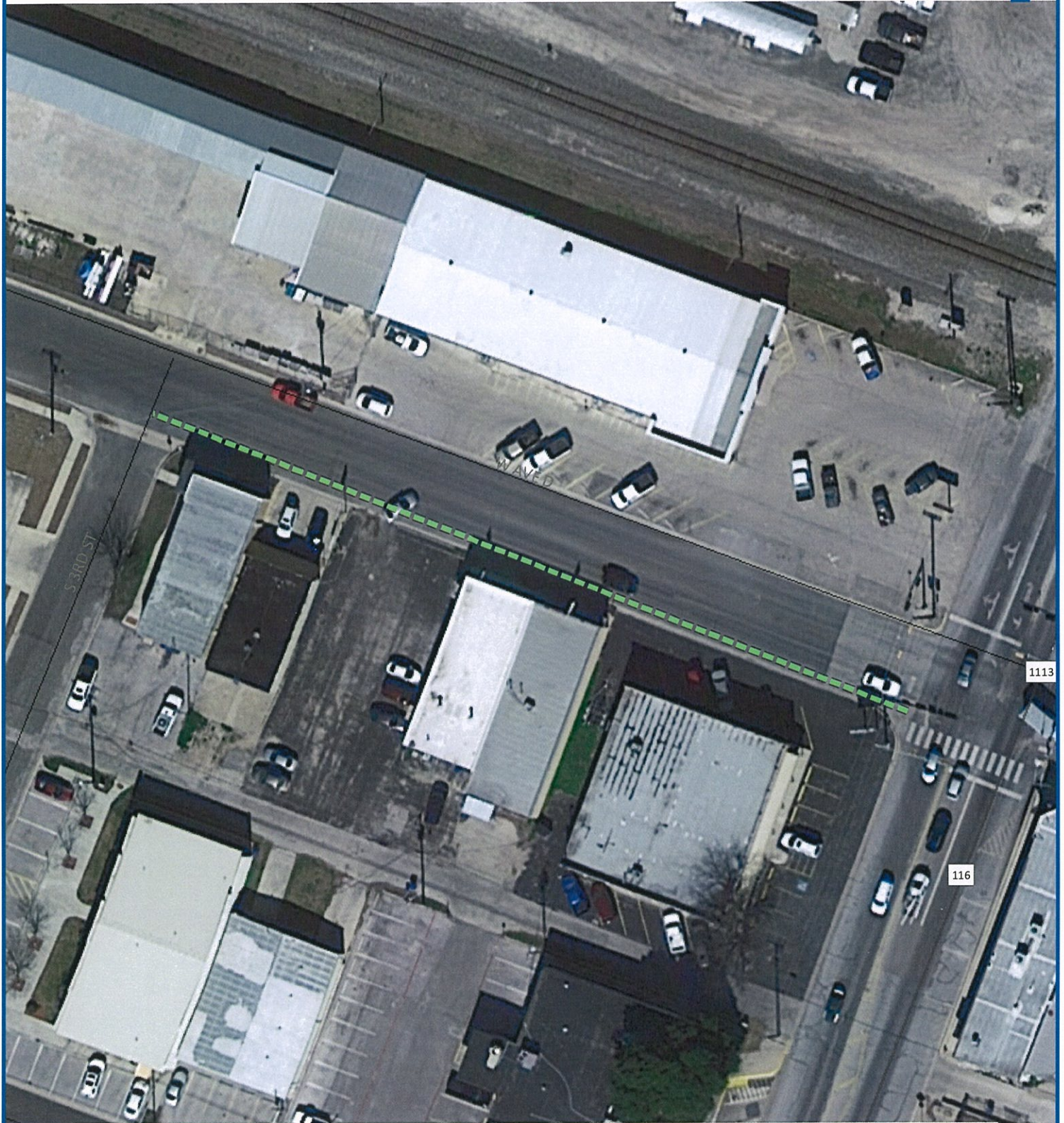
REMARKS:

PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION:		COST OF APPROVED PHASES:	AUTHORIZED FUNDING BY CATEGORY					
			CATEGORY:	FEDERAL:	STATE:	LOCAL:	LOCAL CONT:	TOTAL:
PRELIMINARY ENGINEERING:	\$5,000		9	\$232,000		\$58,000		\$290,000
RIGHT OF WAY:	\$0		3				\$61,642	\$61,642
CONSTRUCTION:	\$351,642	\$351,642	TOTAL	\$232,000	\$0	\$58,000	\$61,642	\$351,642
CONSTRUCTION ENGINEERING:	\$5,500							
CONTINGENCIES:	\$3,500							
INDIRECTS:	\$1,500							
BOND FINANCING:	\$0							
TOTAL PROJECT COST (YOE):	\$367,142							

Copperas Cove

Work Type:
Sidewalk/Trail



KTMPO Projects

- Other
- Additional lanes
- Maint. / Rehab.
- New roadway
- Sidewalk / Trail

- Interstate
- US Highway
- State Highway
- Bus. US and FM
- County Road
- Streets
- Ramp/Frontage

Other Features

- Planning Boundary (MAB)
- Cities
- Parks
- Fort Hood
- Lake
- USACoE Property

Project Name: Ave. D Streetscape Revitalization

Description: Construction of multi-terraced concrete walkways, curb ramps, handicapped ramps, pedestrian railings, crosswalk striping and necessary signage.

ALL DEPICTED PROJECT ALIGNMENTS ARE CONCEPTUAL

HIGHWAY PROJECT LISTING

KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION FY 2015-2018 TRANSPORTATION IMPROVEMENT PROGRAM

FY 2017

DISTRICT	COUNTY	CSJ	HWY	LET DATE	PHASE	CITY	PROJECT SPONSOR	YOE COST
WACO	Bell	0909-36-156	CS	2017	C	Killeen	Killeen	\$7,200,000

LIMITS FROM: Rosewood Dr., from Riverstone Dr.

LIMITS TO: Chaparrel Road

DESCRIPTION: Construction of a 4- lane roadway with a center median and off-system bridge over Trimmer Creek.

REVISION DATE: May-16

MPO ID: K30-02

FUNDING CATEGORY: 7,3

REMARKS:

PROJECT HISTORY:

TOTAL PROJECT COST INFORMATION:			AUTHORIZED FUNDING BY CATEGORY					
		COST OF APPROVED PHASES:	CATEGORY:	FEDERAL:	STATE:	LOCAL:	LOCAL CONT:	TOTAL:
PRELIMINARY ENGINEERING:	\$750,000		7	\$4,403,585		\$1,100,896		\$5,504,481
RIGHT OF WAY:	\$15,049		3				\$1,695,519	\$1,695,519
CONSTRUCTION:	\$7,200,000	\$7,200,000	TOTAL	\$4,403,585		\$1,100,896	\$1,695,519	\$7,200,000
CONSTRUCTION ENGINEERING	\$200,000							
CONTINGENCIES:	\$100,600							
INDIRECTS:	\$376,500							
BOND FINANCING:	\$0							
TOTAL PROJECT COST (YOE):	\$8,642,149							