

# AAMPO

## **UPWP Development**

FY 22-23 Unified Planning Work Program

TAC Meeting

May 7, 2021

# Agenda

- UPWP Background
- Budget Summary
- Studies
- Next Steps

# Unified Planning Work Program (UPWP)

- Outlines the MPO's federally funded transportation *planning* activities (engineering and implementation are not eligible expenses)
- Identifies tasks to be accomplished and the budget associated with each task
- Covers two fiscal years (October 1, 2021 – September 30, 2023)
- Includes regionally significant planning studies funded through other sources

# FY 2022-2023 Budget Summary

UPWP Task	Description	Transportation Planning Funds (TPF)*		Other (STBG)		Total
		FY 2022	FY 2023	FY2022	FY2023	
1.0	Administration / Management	\$985,000	\$1,042,000			\$2,027,000
2.0	Data Development & Maintenance	\$643,000	\$675,000			\$1,318,000
3.0	Short Range Planning	\$1,309,000	\$959,000			\$2,268,000
4.0	Metropolitan Transportation Plan	\$1,308,000	\$800,000			\$2,108,000
5.0	Special Studies	\$420,000	\$433,000	\$100,000	\$100,000	\$1,053,000
<b>Total</b>		<b>\$4,665,000</b>	<b>\$3,909,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$8,774,000</b>

*\*This includes both FHWA PL-112 and FTA Section 5303 Funds. TxDOT will apply transportation development credits sufficient to provide the match for TPF. As the credits reflect neither cash nor staff-hours, they are not reflected in the funding tables.*

# MPO Staff Work: PL-112 Funds

## Planning Staff Work

TPB, TAC, BMAC, PMAC committee support

Public involvement/outreach (meetings, publications, videos, infographics)

GIS data and iMap data layer development/EJ data analysis

TIP and MTP development and maintenance

Travel Demand Modeling

Air quality planning (Transportation Conformity)

Bicycle and pedestrian planning

Freight planning

Congestion Management Process

Alamo Commutes (formerly Commutes Solutions) program

Administration/grant management

... and more

# Task 1: Administration / Management

Subtask		Budget		Total
		<i>FY 2022</i>	<i>FY 2023</i>	
1.1	Program Support	\$945,000	\$1,002,000	\$1,947,000
1.2	Legal Services	\$40,000	\$40,000	\$80,000
<b>TOTAL</b>		<b>\$985,000</b>	<b>\$1,042,000</b>	<b>\$2,027,000</b>

# Task 2: Data Development & Maintenance

Subtask		Budget		Total
		FY 2022	FY 2023	
2.1	Program Support	\$518,000	\$550,000	\$1,068,000
2.2	Origin & Destination Survey (VIA)	\$125,000	\$125,000	\$250,000
<b>TOTAL</b>		<b>\$643,000</b>	<b>\$675,000</b>	<b>\$1,318,000</b>

# Task 3: Short Range Planning

Subtask		Budget		Total
		FY 2022	FY 2023	
3.1	Program Support	\$824,000	\$874,000	\$1,698,000
3.2	Curb Management Study	\$150,000		\$150,000
3.3	Air Quality Planning (AACOG)	\$85,000	\$85,000	\$170,000
3.4	Subregional Planning Study*	\$250,000		\$250,000
<b>TOTAL</b>		<b>\$1,309,000</b>	<b>\$959,000</b>	<b>\$2,268,000</b>

\* Estimated FY 2021 carryover funding



# Task 3 Studies

- **Subtask 3.2 – Curb Management Study**

- The purpose of this Subtask is to conduct a study on the competing uses of curb space in the planning area, including recommendations to partner agencies on curb management policies.
- This study may include a review of peer cities' curb management policies, as well as municipalities within the MPO study area; an overview of competing demands for curb space, currently and in the future, by public and private sector users; and recommendations for partner agencies to manage curb space, including identifying locations where curb space is heavily utilized.
- Work will also include stakeholder outreach and mapping.

# Task 3 Studies

- **Subtask 3.3 – Air Quality Planning**

- Tasks that will be performed by AACOG staff under this Subtask may include refining the photochemical model as new data becomes available; conducting photochemical model runs; conducting trend analyses; conducting model sensitivity tests; identifying, evaluating and recommending on-road control measures; and updating emissions inventories.
- AACOG air quality planning efforts will be expanded to include school bus fleet inventories and the introduction of a smoking vehicle outreach program.

# Task 4: Metropolitan Transportation Plan

Subtask		Budget		Total
		FY 2022	FY 2023	
4.1	Program Support	\$518,000	\$550,000	\$1,068,000
4.2	Mobility 2050 Demographics & Travel Demand Model Update*	\$540,000		\$540,000
4.3	Resiliency Study	\$250,000	\$250,000	\$500,000
<b>TOTAL</b>		<b>\$1,308,000</b>	<b>\$800,000</b>	<b>\$2,108,000</b>

\* Estimated FY 2021 carryover funding

# Task 4 Study

- **Subtask 4.3 – Resiliency Study**

- The purpose of this study is to plan and develop a transportation system that can accommodate long term change and recover and adapt from unpredictable changes, such as extreme weather events or human-made disruptions.
- This study will 1) identify potentially disruptive events with stakeholder input; 2) perform risk assessments for how each event would impact all or parts of the transportation system; and 3) provide recommendations on how to improve transportation system resiliency.

# Task 5: Special Studies

Subtask		Budget		Total
		FY 2022	FY 2023	
5.1	Program Support	\$245,000	\$258,000	\$503,000
5.2	Alamo Commutes	\$100,000 (STBG)	\$100,000 (STBG)	\$200,000
5.3	Regional Freight Study	\$175,000	\$175,000	\$350,000
<b>TOTAL</b>		<b>\$520,000</b>	<b>\$533,000</b>	<b>\$1,053,000</b>

\* Estimated FY 2021 carryover funding

# Task 3 Studies

- **Subtask 5.3 – Regional Freight Study**
  - The purpose of this Subtask is to conduct a region-wide freight study and plan encompassing the entire Alamo Area MPO study area, taking into account current and projected freight trends in the region and across the state.
  - The study will include but not be limited to: an overview of previous plans, studies and legislation and their recommendations; an economic and logistical analysis of freight flow in the region; an inventory of existing and planned assets including highway and rail as well as their condition and performance; a needs analysis of high demand areas, hotspots, and other deficiencies; and recommendations.

# UPWP Development Schedule

2021

## January

TAC presentation on  
FY 2022-2023  
UPWP Development

MPO staff  
brainstorming on  
priorities and  
potential studies

Establish TAC  
Working Group

## February

*TAC canceled*

TAC Working  
Group meets

BMAC/PMAC  
presentation  
on UPWP  
development  
/ study  
priorities

## March

TAC  
presentation  
on UPWP  
development

## April

Update to  
TAC if  
necessary

Item will be  
shown on the  
TPB Directors  
Report as an  
upcoming  
item

## May

MPO staff  
submits draft  
FY 2022-  
2023 UPWP  
to TxDOT

TAC and TPB  
presentations  
on draft  
document

## June

TAC and TPB **action**  
on FY 2022-2023  
UPWP

## July

MPO staff  
transmits  
approved FY  
2022-2023  
UPWP to  
TxDOT by  
July 31

## August

## September

FHWA /  
TxDOT  
approve FY  
2022-2023  
UPWP

## October

UPWP goes  
into effect on  
October 1,  
2021



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