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**FY 2020 and FY 2021 UNIFIED PLANNING WORK PROGRAM
October 1, 2019 through September 30, 2021**

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Table of Contents

A. PURPOSE	4
B. DEFINITION OF AREA	5
C. ORGANIZATION	6
D. PRIVATE SECTOR INVOLVEMENT	7
E. PLANNING ISSUES AND EMPHASIS	7
II. TASK 1.0 – ADMINISTRATION AND MANAGEMENT	7
A. OBJECTIVE	7
B. EXPECTED PRODUCTS	8
C. PREVIOUS WORK.....	8
D. ADMINISTRATION AND MANAGEMENT SUBTASKS	8
E. FUNDING SUMMARY	10
III. TASK 2.0 – DATA DEVELOPMENT AND MAINTENANCE	11
A. OBJECTIVE	11
B. EXPECTED PRODUCTS	11
C. PREVIOUS WORK.....	11
D. DATA DEVELOPMENT AND MAINTENANCE SUBTASKS	11
E. FUNDING SUMMARY	13
IV. TASK 3.0 – SHORT RANGE PLANNING	14
A. OBJECTIVE	14
B. EXPECTED PRODUCTS	14
C. PREVIOUS WORK.....	14
D. SHORT RANGE PLANNING SUBTASKS.....	14
E. FUNDING SUMMARY	16
V. TASK 4.0 - METROPOLITAN TRANSPORTATION PLAN	17
A. OBJECTIVE	17
B. EXPECTED PRODUCTS	17
C. PREVIOUS WORK.....	17

D. METROPOLITAN TRANSPORTATION PLAN SUBTASKS	17
E. FUNDING SUMMARY	19
VI. TASK 5.0 - SPECIAL STUDIES	20
A. OBJECTIVE.....	20
B. EXPECTED PRODUCTS	20
C. PREVIOUS WORK.....	20
D. SPECIAL STUDIES SUBTASKS	20
E. FUNDING SUMMARY	21
VII. BUDGET SUMMARY	22
APPENDIX A TRANSPORTATION POLICY BOARD MEMBERSHIP	23
APPENDIX B METROPOLITAN AREA BOUNDARY MAP	25
APPENDIX C DEBARMENT CERTIFICATION	26
APPENDIX D LOBBYING CERTIFICATION.....	27
APPENDIX E CERTIFICATION OF COMPLIANCE	28
APPENDIX F CERTIFICATION OF INTERNAL ETHICS AND COMPLIANCE PROGRAM.....	29
APPENDIX G PURCHASES OVER \$5,000.....	30
APPENDIX H UPWP AMENDMENT SUMMARY	31
APPENDIX I NEW PLANNING REQUIREMENTS ISSUED UNDER FAST ACT	32
ACRONYMS	47

I. INTRODUCTION

The Federal Aid Highway Act of 1962 promulgated the requirement that all urban areas of 50,000 or more population develop and maintain a comprehensive, cooperative, and continuing (3-C) transportation planning process. The process would establish a transportation plan and provide the procedure by which it would be maintained and revised on a continuing basis. The Unified Planning Work Program (UPWP) is the mechanism for coordinating metropolitan transportation and air quality planning activities in the El Paso Metropolitan Planning Organization (EPMPO) area. This UPWP is a two-year transportation planning work program detailing transportation planning, programs, and activities to be performed in MPO region for the period of October 1, 2019, to September 30, 2021.

A. PURPOSE

On February 14, 2007, the U.S. Department of Transportation published a final rule with regard to Metropolitan Transportation Planning in the Federal Register. Specifically, the proposed rulemaking addresses Federal Highway Administration 23 CFR Parts 450 and 500, and Federal Transit Administration 49 CFR Part 613. Subpart C—Metropolitan Transportation Planning and Programming calls upon MPOs, in conjunction with the state and operators of publicly owned transit, to develop Unified Planning Work Programs that meet the requirements of 23 CFR Part 420, and: (1) discuss the planning priorities facing the metropolitan area and describe the metropolitan transportation plan and transportation-related air quality planning activities anticipated within the next one- or two-year period, regardless of funding sources or agencies conducting activities, in sufficient detail to indicate who will perform the work, the schedule for completing the work, the products that will be produced, the proposed funding by activity/task, and a summary of the total amounts and sources of federal and matching funds; and (2) document planning activities to be performed with funds provided under Title 23 and Chapter 53 of Title 49 U.S.C. To effectively identify all work tasks, EPMPO prepares this UPWP with input from federal, state and local jurisdictions and transportation providers in the transportation planning region.

Ten planning areas have been identified in federal law. The work tasks contained in the FYs 2020-2021 UPWP have considered the following eight areas, some more directly than others:

- Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
- Increase the safety of the transportation system for motorized and non-motorized users;
- Increase the security of the transportation system for motorized and non-motorized users;
- Increase accessibility and mobility of people and freight;
- Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns;
- Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
- Promote efficient system management and operation; and
- Emphasize the preservation of the existing transportation system.
- Improve resiliency and reliability and reduce of the transportation system and reduce or mitigate storm water impacts on surface transportation
- Enhance travel and tourism.

Further, the work tasks consider the federal performance goals (23 USC part 150.b) in the following seven areas:

- Safety — To achieve a significant reduction in traffic fatalities and serious injuries on all public roads.
- Infrastructure condition— To maintain the highway infrastructure asset system in a state of good repair.
- Congestion reduction— To achieve a significant reduction in congestion on the National Highway System.
- System reliability— To improve the efficiency of the surface transportation system.
- Freight movement and economic vitality— To improve the national freight network, strengthen the ability of rural communities to access national and international trade markets, and support regional economic development.
- Environmental sustainability— To enhance the performance of the transportation system while protecting and enhancing the natural environment.
- Reduced project delivery delays— To reduce project costs, promote jobs and the economy, and expedite the movement of people and goods by accelerating project completion through eliminating delays in the project development and delivery process, including reducing regulatory burdens and improving agencies' work practices.

Public Participation Program

It is the policy of the MPO that all meetings of the Transportation Policy Board and its committees are to be open to the public. Agendas, with public comment opportunity as a standing item, are published in the local newspapers and/or on the MPO web site and public comments are encouraged and welcomed at these meetings. Public meetings/hearings and document review sessions are generally held for major projects such as those in the metropolitan transportation plan. The Public Participation Program is available on www.elpasompo.org.

B. DEFINITION OF AREA

The EPMPO planning area includes all of El Paso County, Texas and portions of Dona Ana County and Otero Counties, New Mexico (a comprehensive list of these jurisdictions can be found at www.elpasompo.org). By federal definition EPMPO's planning area must at least include the urbanized area (as defined by the U.S. Bureau of the Census) and the contiguous area that may reasonably be expected to become urbanized in the next 20 years. The planning area includes the following governmental jurisdictions:

Texas

- City of El Paso
- City of Socorro
- County of El Paso
- Town of Anthony
- Town of Clint
- Town of Horizon City
- Town of San Elizario,
- Village of Vinton

New Mexico

- City of Anthony
- City of Sunland Park
- Doña Ana County
- Otero County

Federal planning regulations require that if any federal public lands and/or Indian tribal lands are included within the Metropolitan Planning Area, the affected federal agencies and Indian tribal governments shall be involved appropriately in the development of transportation plans and programs. The El Paso MPO includes the Ysleta del Sur Pueblo in the transportation planning process.

Texas and New Mexico Departments of Transportation – The planning area is served by the Texas Department of Transportation (TxDOT) and New Mexico Department of Transportation (NMDOT). The TxDOT's El Paso District plans, designs, builds, operates and maintains the state transportation system in the following counties: Brewster, Culberson, El Paso, Hudspeth, Jeff Davis and Presidio. NMDOT has the similar responsibilities for the Doña Ana and Otero Counties.

Sun Metro

Sun Metro is a provider of public transportation in the region. Sun Metro has primary responsibility for conducting various short and long-range transit studies, maintaining all transit data, and is responsible for transit planning in the study area.

South Central Regional Transit District

South Central Regional Transit District is responsible for consolidating existing transit services in the New Mexico portion of the El Paso MPO Planning area.

C. ORGANIZATION

The Transportation Policy Board (TPB) was created to ensure that all regional transportation studies, plans, projects and programs are performed in accordance with local governments' desires and in conformance with federal and state laws, rules and regulations. The TPB, composed of 30 voting members, is comprised of local, county and state elected and appointed public officials from the local governments that have authority for regional transportation project implementation. See Appendix A for complete membership list.

The TPB has the sole responsibility for creating and implementing regional transportation policy for the MPO. The TPB is responsible for the MPO's regional transportation planning and programming process. It ensures proper coordination of transportation modes; cooperatively establishes transportation needs; and proposes projects from all transportation modes for recommendation to those governmental units responsible for program development and project implementation. The TPB has created six standing committees to aid in the decision-making process:

- Executive Committee (EC): The Executive Committee's roles and responsibilities will include review of the business aspect of the MPO, review of the Executive Director, review of contracts and other documents, and other assignments for recommendations to the TPB.

- Transportation Project Advisory Committee (TPAC): The TPAC develops and makes recommendations to the Transportation Policy Board on projects with regard to the MTP and TIP, project selection process criteria, and special transportation planning studies.

D. PRIVATE SECTOR INVOLVEMENT

The private sector is encouraged, to the maximum extent feasible, to participate in MPO planning process. Consultants have been and will continue to be used on an as-needed basis in EPMPO's transportation programs and planning processes. In the past, EPMPO, in coordination with TxDOT and NMDOT, have used private sector consultants for a variety of services ranging from legal services to improvements to the regional travel demand model. Private-sector representatives participate directly in the planning process by serving as members on various ad-hoc committees and coalitions facilitating the various planning disciplines.

E. PLANNING ISSUES AND EMPHASIS

The FY2020 and FY2021 UPWP addresses a number of interrelated multimodal transportation issues aimed at facilitating the implementation of transportation projects and programs to reduce congestion and improve mobility and air quality. The tasks in this UPWP fall into five primary activities; each of these work areas is briefly described below.

- Administration/Management – This activity contains the work associated with administrative support of the 3-C transportation planning process.
- Data Development and Maintenance - Contained in this activity are work elements designed to collect, update, and report data required to perform both long and short-range transportation and air quality planning including travel demand modeling.
- Short Range Planning - Contained in this planning activity are projects relating to immediate implementation and near term time frame.
- Metropolitan Transportation Plan - This activity includes work associated with the development and updating of the area's long range multi-modal transportation plan.
- Special Studies - The objective of this activity is to provide for work elements that are generally outside the scope of the planning process, but are necessary to the continued development of a viable transportation plan in the area.

In addition to these primary activities, this UPWP also captures three additional planning emphasis areas: Transition to Performance-based Planning and Programming (subtask 2.4), Ensure a Regional Approach to Transportation Planning by Promoting Cooperation and Coordination across Transit Agency, MPO and State Boundaries (subtask 3.3), and Access to Essential Services (subtask 2.5). Furthermore, EPMPO acknowledges new planning requirements under FAST Act that will be address in the applicable umbrella tasks (1 through 5). A listing of these requirements are described in Appendix I.

II. TASK 1.0 – ADMINISTRATION AND MANAGEMENT

A. OBJECTIVE

To accomplish, on a continuing basis, the plans and programs necessary to administer federal transportation planning requirements and maintain the transportation planning process in and for the El Paso Metropolitan Planning Organization's planning area.

B. EXPECTED PRODUCTS

- Administration of the MPO.
- Host or identify workshops, conferences, and other training opportunities for the staff of the MPO and its partners in the region.
- Supply/equipment purchases
- Maintenance and/or updates of the Public Participation Plan
- Dissemination of Title VI and Environmental Justice material(s).

C. PREVIOUS WORK

Maintenance of the PPP, development and implementation of Project Call and Reporting Policy, maintenance of the Title VI Civil Rights, Environmental Justice, and Limited English Proficiency Plans, grant writing by Sun Metro, professional development training, and by-law/policy development and implementation.

D. ADMINISTRATION AND MANAGEMENT SUBTASKS

1.1 Program Administration: This activity includes development and implementation of those policies and guidelines necessary to carry out and maintain the transportation planning process; coordination of transportation planning activities; budgeting and management of transportation planning funds; sponsoring and conducting meetings including providing support to policy and advisory bodies; coordinating and working with other agencies in the states of Texas, New Mexico and Chihuahua involved in regional planning and programming of transportation projects, the cost of operating the MPO, office lease, furniture, equipment lease/rental, audio/video equipment, servers computers, computer hardware and software, to include license maintenance of state of practice platforms like ESRI and Caliper. Any expenditure in excess of \$5,000, the EPMPO will seek state recommendation/ federal approval. Please see Appendix G for expenditures over \$5,000. Sun Metro will research, write, edit, and coordinate grant applications, proposals, petitions, and letters of support in the pursuit of discretionary sources of funding for non-recurring transportation studies and programs. Sun Metro will continue to participate in the MPO's Policy Board, Advisory committees and Ad-Hoc committees as assigned, especially in regards to enhancing regional transit for all services in the area. Sun Metro will also continue to operate under the FTA Transit Asset Management plan guidelines.

1.1a Legal Counsel: The TPB will retain independent legal counsel to render legal advice related to transportation issues and any activities related to subtask 1.1. These costs are independent of legal expenses that may be included as part of the fiscal agent's indirect costs.

1.2 Public Participation: This activity supports the implementation of the Public Participation Plan to include the conduct of community outreach and public meetings/hearings as needed with emphasis on Environmental Justice populations and the development/review processes of the Transportation Improvement Program, Metropolitan Transportation Plan and other planning products; development and use of questionnaires, online surveys, and other participation techniques; and provide bilingual

materials and translations as appropriate. Sun Metro conducts its own public awareness for large scale projects and major service changes such as new or enhanced services (BRT, new routes, etc.) and fare adjustments.

1.3 Title VI Civil Rights/Environmental Justice (EJ) Activities: This activity supports monitoring and evaluating Title VI/EJ guidance and requirements, developing and implementing documents and procedures to ensure EPMPO's plans, programs and activities comply with Title VI/EJ guidance and requirements, collecting and analyzing data related to minority, low income, limited English proficiency and other populations vulnerable to potential disproportional adverse impacts from the planned transportation system and transportation projects. Implementing the **Limited English Proficiency Plan and updating that plan as needed**. Sun Metro will continue to comply with TITLE VI and other federal programs such as DBE, EEO, etc. Sun Metro provides a dedicated staff member to oversee Title VI related matters and corresponding documents, policies and procedures, as required. It is also part of new operator training.

1.4 Professional Development: The MPO will organize training sessions for the Transportation Policy Board and subcommittee members, and to local governments and participating agencies. Transportation planning funds will be used for staff members of the MPO to travel and attend transportation planning and professional development conferences, workshops, and training. For out of state travel, the EPMPO will seek prior TXDOT or NMDOT approval as appropriate. MPO staff will attend trainings provided by, but not limited to, the following associations:

- Alliance for Biking and Walking
- American Association of State Highway and Transportation Officials (AASHTO)
- American Planning Association
- American Public Transportation Association (APTA)
- Association of Metropolitan Planning Organization (AMPO)
- Border Trade Advisory Committee (BTAC)
- Environmental Systems Research Institute (ESRI)
- Institute of Transportation Engineers (ITE)
- New Mexico Department of Transportation (NMDOT)
- Rail-olution
- Texas Department of Transportation (TxDOT)
- Transportation Research Board (TRB)
- Walk Bike Places, People for Bikes
- National Transit Institute (NTI)
- National Highway Institute (NHI)

Responsible Agency for subtask 1.1 - 1.4: EPMPO, NMDOT, Sun Metro, and TxDOT

Funding Requirement: \$ 2,001,256

Product(s): Program Administration activities, transportation planning and professional development conferences, workshops, and training, maintenance and/or updates to Public Participation Program, Title VI Civil Rights Plan, Limited English Proficiency Plan, Environmental Justice activities, and APER.

E. FUNDING SUMMARY

ADMINISTRATION AND MANAGEMENT

Task 1.0 - FY2020/2021

Subtask	Responsible Agency	Transportation Planning				Sun Metro FTA 5307 ³		Total
		Funds (TPF) ¹				2020	2021	
		TX 2020	TX 2021	NM 2020 ²	NM 2021 ²			
1.1	MPO/MTD	654,000	664,000	40,468	40,468	134,378	199,774	1,733,088
1.1a	MPO	30,000	30,000	1,000	1,000			62,000
1.2	MPO/MTD	25,000	25,000	3,000	3,000		85,381	141,381
1.3	MPO/MTD	5,000	5,000			30,718	95,589	136,307
1.4	MPO	45,000	45,000	25,000	25,000			140,000
TOTAL		759,000	769,000	69,468	69,468	165,096	380,744	2,212,776

¹TPF – This includes both FHWA PL-112 and FTA Section 5303 Funds. TxDOT will apply transportation development credits sufficient to provide the match for FHWA PL-112 and FTA Section 5303 programs. As the credits reflect neither cash nor man-hours, they are not reflected in the funding tables.

² Match is included - Local match will be provided by NM partner agencies. FHWA PL-112 at 14.56% match, FTA 5303 at 20% match.

³ Match is included. City of El Paso will provide 20% match for Sun Metro FTA 5307

III. TASK 2.0 – DATA DEVELOPMENT AND MAINTENANCE

A. OBJECTIVE

Provide updated planning information, GIS and demographic data and analysis to support the Metropolitan Planning Organization’s planning efforts.

B. EXPECTED PRODUCTS

- Series of technical reports documenting the ongoing GIS data updates on traffic counts and mapping.
- Related performance measures development and implementation.
- Transportation connectivity gaps.
- Maintenance of MPO Website.
- CMP Update.
- Access to Essential Services gaps report.

C. PREVIOUS WORK

Web Site Upgrade and Maintenance, maintenance of Congestion Management Process, development of Nonattainment and Maintenance Map, and outline of transportation performance measures and target settings.

D. DATA DEVELOPMENT AND MAINTENANCE SUBTASKS

2.1 Geographic Information Systems (GIS): Specific activities will include reviewing and providing direction on the development and dissemination of geospatial databases on residential and commercial growth and transportation data; mapping databases supporting EPMPO programs; maintenance of the demographic and modeling databases of the MTP and TIP amendments; maintenance of the interactive web viewer for sharing GIS data on growth, demographic forecasts, travel demand modeling output, the MTP and TIPs; develop maps and materials for work group and public meetings; develop technical memoranda documenting work completed.

2.2 Congestion Management Process (CMP), Intelligent Transportation Systems (ITS) and Operations Planning: This subtask covers activities related to conducting the CMP, ITS and Operations Planning. Specific activities include, but are not limited to, developing, updating, refining and implementing the CMP, incorporating congestion analysis results into the regional planning process, and incorporating ITS, systems management and operations into the planning process. University of Texas at El Paso (UTEP) resources will be used in this task.

2.3 Web Site Maintenance: General information about MPO activities and events will continue to be posted, as part of the Public Participation Process, and will allow all users to provide comments. The web site provides links to relevant web locations that provide up-to-the-minute information on traffic conditions of the highway network, the transit system, and international bridges through the use of strategically placed video cameras. Video streaming has kept the public abreast of TPB meetings and MPO events via the MPO web site and upgrades and maintenance of the website.

2.4 Transition to Performance Based Planning and Programming: The development and implementation of a performance management approach to transportation planning and programming includes the development and use of transportation performance measures, target setting, performance reporting, and transportation investments that support the achievement of performance targets. UTEP resources will be used in this task.

2.5 Access to Essential Service: As part of the transportation planning process, identify transportation connectivity gaps in access to essential services. Essential services include housing, employment, health care, schools/education, and recreation. Sun Metro continuously analyzes city growth and expansion in an effort to identify underserved areas. Sun Metro is analyzing better data collection software and implementation of a more automated system-wide fare collection and payment system.

Responsible Agency subtask 2.1 – 2.5: EPMPO, NMDOT, Sun Metro, and TxDOT

Funding Requirement: \$ 845,535

Product(s): Geographic Information Systems activities, maintenance or updates to Congestion Management Process (CMP), Intelligent Transportation Systems (ITS) and Operations Planning, website maintenance and updates, live video streaming activities and archives, Transition to Performance Based Planning and Programming implementation activities.

E. FUNDING SUMMARY

DATA DEVELOPMENT AND MAINTENANCE

Task 2.0 - FY2020/2021

Subtask	Responsible Agency	Transportation Planning				Sun Metro FTA 5307 ³		Total
		Funds (TPF) ¹				2020	2021	
		TX 2020	TX 2021	NM 2020 ²	NM 2021 ²			
2.1	MPO	5,000	5,000					10,000
2.2	MPO	80,000	80,000					160,000
2.3	MPO	10,000	10,000					20,000
2.4	MPO/MTD	15,250	108,999			239,419	195,359	559,027
2.5	MPO/MTD	1,000	1,000			68,376	147,366	217,742
				-				-
TOTAL		111,250	204,999			307,795	342,725	966,769

¹TPF – This includes both FHWA PL-112 and FTA Section 5303 Funds. TxDOT will apply transportation development credits sufficient to provide the match for FHWA PL-112 and FTA Section 5303 programs. As the credits reflect neither cash nor man-hours, they are not reflected in the funding tables.

² Match is included - Local match will be provided by NM partner agencies. FHWA PL-112 at 14.56% match, FTA 5303 at 20% match.

³ Match is included. City of El Paso will provide 20% match for Sun Metro FTA 5307

IV. TASK 3.0 – SHORT RANGE PLANNING

A. OBJECTIVE

Conduct short-range transportation and transportation-related planning activities with short-term planning and implementation focus, including the development and administration of the Transportation Improvement Program and the Unified Planning Work Program.

B. EXPECTED PRODUCTS

- Unified Planning Work Program FY 2022 – 2023
- Amendments to Destino 2019-2022 Transportation Improvement Program
- 2021-2024 Transportation Improvement Program
- Federal Funds Obligated Report
- Annual Performance Expenditure Report

C. PREVIOUS WORK

Development and maintenance of Destino 2019-2022 Transportation Improvement Plan, maintenance of UPWP, development of APER, APL, and Program Management Plan, attended meetings that promoted regional, international and border planning efforts, prepared for Federal Certification Review, participation of Far West Texas/El Paso Regional Transportation Coordination Coalition's (WTEP) Vamonos Plan, and transit planning activities by Sun Metro.

D. SHORT RANGE PLANNING SUBTASKS

3.1 Unified Planning Work Program (UPWP)/ Annual Performance and Expenditure Report (APER), and Annual Project Listing (APL): Maintain and revise the current UPWP for fiscal years by developing and processing changes for any future amendments. Prepare the APER for the transportation planning process outlined in the UPWP FY2018/FY2019 and FY2020/2021 that utilized FHWA and FTA planning funds. Develop the APL for the transportation projects that used federal aid in FY 2019 and FY 2020.

3.2 Transportation Improvement Program (TIP): The TIP will be kept up-to-date as necessary to program projects and programs, and demonstrate year of expenditure and associated revenues for federal, state, and local sponsors. Total project cost, which includes construction, preliminary engineering, right-of way, and other associated costs, will be provided.

3.3 Models of Regional Planning Cooperation: *Promote cooperation and coordination across MPO boundaries and across State boundaries where appropriate to ensure a regional approach to transportation planning.* This cooperation could occur through the metropolitan planning agreements and activities that identify how the planning process and planning products will be coordinated, through the development of joint planning products, and/or by other locally determined means that promotes border, regional and binational planning.

3.4 Enhanced Mobility of Seniors & Disabled: To improve mobility for seniors and individuals with disabilities by removing barriers to transportation service and expanding transportation mobility options. This program supports maintenance of Program Management Plan and transportation services planned, designed, and carried out to meet the special transportation needs of seniors and individuals with disabilities in all areas – large urbanized (over 200,000), small urbanized (50,000-200,000), and rural (under 50,000). Eligible projects include both traditional capital investment and nontraditional investment beyond the Americans with Disabilities Act (ADA) complementary paratransit services. Sun Metro also works through its Citizens Advisory Committee and the City’s Accessibility Advisory Committee to enhance accessibility for those individuals with mobility challenges. In addition to the plan, a Triennial Review will be performed. The Triennial Review examines how federal recipients of Urbanized Area Formula Program funds meet statutory and administrative requirements.

Responsible Agency subtask 3.1 - 3.4: EPMPO, NMDOT, Sun Metro, and TxDOT

Funding Requirement: \$ 786,207

Product(s): Development of/or amendments to UPWP, Annual Performance and Expenditure Reports, Annual Project Listings, developments and amendments to the Transportation Improvement Program(s), Program Management Plan, and planning activities that promote Models of Regional Planning Cooperation.

E. FUNDING SUMMARY

SHORT RANGE PLANNING

Task 3.0 - FY2020/2021

Subtask	Responsible Agency	Transportation Planning Funds (TPF) ¹				Sun Metro FTA 5307 ³		FTA Sect. 5310 ⁴	Total
		TX 2020	TX 2021	NM 2020 ²	NM 2021 ²	2020	2021	FY20/21	
3.1	MPO	10,000	10,000	1,000	1,000				22,000
3.2	MPO	150,000	246,000	6,000	6,000				408,000
3.3	MPO	50,000	50,000	250	250				100,500
3.4	MPO/MTD	1,000	1,000			101,197	146,459	144,784	394,440
									-
TOTAL		211,000	307,000	7,250	7,250	101,197	146,459	144,784	924,940

¹TPF – This includes both FHWA PL-112 and FTA Section 5303 Funds. TxDOT will apply transportation development credits sufficient to provide the match for FHWA PL-112 and FTA Section 5303 programs. As the credits reflect neither cash nor man-hours, they are not reflected in the funding tables.

² Match is included - PL FHWA at 14.56% match, FTA 5303 at 20% match. Local match will be provided by NM partner agencies.

³ Match is included. City of El Paso will provide 20% match for Sun Metro FTA 5307

⁴ Administrative Expenses are 100% federally funded

V. TASK 4.0 - METROPOLITAN TRANSPORTATION PLAN

A. OBJECTIVE

To develop, maintain and update a multi-modal Metropolitan Transportation Plan (MTP) and related transportation-air quality activities for the EPMPO planning area that meets federal requirements and regional goals.

B. EXPECTED PRODUCTS

- Update the Metropolitan Transportation Plan
- Updated demographic forecasts and travel demand model (TDM) for the MTP
- Transportation Conformity Report
- Transportation modeling scenario and air quality planning activities
- Travel Demand Model

C. PREVIOUS WORK

Regional Transportation Modeling activities supporting planning documents, air quality analysis for TIP related projects, and amendments to the Destino 2045 Metropolitan Transportation Plan and Destino Transportation Conformity Report.

D. METROPOLITAN TRANSPORTATION PLAN SUBTASKS

4.1 Metropolitan Transportation Plan (MTP): Develop a financial and fiscal constraint long-range multimodal transportation plan for the region utilizing the latest planning assumptions. UTEP resources will be used in this task. Consultant will be retained for development of MTP. Work performed is broken down as 20% staff and 80% consultant.

4.2 Regional Transportation Modeling Activities: Develop, amend, and/or update regional and corridor travel demand modeling including sketch planning methods, four-step demand models, activity models, and other advanced disaggregate modeling techniques which enable applications for all types of transportation data and for all modes of transportation ideally for building transportation information and decision support systems. UTEP resources will be used in this task. Consultant will be retained for development of the new 2017 base-year TDM. Work performed is broken down as 24% staff and 76% consultant.

4.3 Air Quality and Transportation Planning: Continue transportation-related air quality planning activities, development of state implementation plan(s) and conformity determination report(s), for ozone, particulate matter of 10 microns or less, and any additional air quality designations in support of the MTP. UTEP resources will be used in this task. Sun Metro constantly monitors routes and schedules to attain optimal fuel and related emission efficiencies. Sun Metro and transit programs continue to assist in air quality enhancement by promoting alternative transportation modes financed predominantly through CMAQ funding. These projects include bus replacement and operating assistance for new or enhanced services. Pending projects are the Montana BRT corridor, completion of Mesa and Dyer BRT closing projects, accessibility and sidewalk enhancements, terminal rehabs and bus acquisition and replacement.

Responsible Agency subtask 4.1 – 4.3: EPMPO, NMDOT, Sun Metro, and TxDOT

Funding Requirement: \$ 1,782,470

Product(s): Development of new metropolitan transportation plan, amendments/updates to extant MTP, demographic forecasting and travel demand modeling activities and/or subject-matter reports, and transportation and air quality planning activities to include conformity determination report(s).

E. FUNDING SUMMARY

METROPOLITAN TRANSPORTATION PLAN

Task 4.0 - FY2020/2021

Subtask	Responsible Agency	Transportation Planning				Sun Metro FTA 5307 ³		NM SPR ⁴	Total
		Funds (TPF) ¹				2020	2021		
		TX 2020	TX 2021	NM 2020 ²	NM 2021 ²	2020	2021	2021	
4.1	MPO	245,000	245,000	5,000	5,000				500,000
4.2	MPO	825,000	35,001	5,000	5,000			399,729	1,269,730
4.3	MPO/MTD	75,000	75,000	1,000	1,000	34,800	73,502		260,302
TOTAL		1,145,000	355,001	11,000	11,000	34,800	73,502	399,729	2,030,032

¹TPF – This includes both FHWA PL-112 and FTA Section 5303 Funds. TxDOT will apply transportation development credits sufficient to provide the match for FHWA PL-112 and FTA Section 5303 programs. As the credits reflect neither cash nor man-hours, they are not reflected in the funding tables.

² Match is included -Local match will be provided by NM partner agencies. FHWA PL-112 at 14.56% match, FTA 5303 at 20% match.

³ Match is included. City of El Paso will provide 20% match for Sun Metro FTA 5307

⁴ Match is included. NMDOT District 1 State Road Fund Match of \$79,946

VI. TASK 5.0 - SPECIAL STUDIES

A. OBJECTIVE

Grants awarded by federal, state, and/or local agencies for planning activities that are of regional significance, specific studies and transportation planning reports and/or documents as directed by the Transportation Policy Board not traditionally programmed in the UPWP and are non-reoccurring transportation planning activities.

B. EXPECTED PRODUCTS

- Regional Mobility Strategy final report, in coordination with TxDOT.
- Web-based Application

C. PREVIOUS WORK

Active Transportation System (ATS) Corridors Study and El Paso County Regional Transit Feasibility Study.

D. SPECIAL STUDIES SUBTASKS

5.1 Regional Mobility Strategy (RMS): The purpose of RMS is to develop a long-term vision for the El Paso MPO region that will be used to develop policies, programs and projects that will feed the new 2050 Metropolitan Transportation Plan. TxDOT – El Paso District has engaged a consultant and will lead the project, with MPO staff playing a critical role in guiding the RMS research and analysis. Multiple public and private sector stakeholders from El Paso, Southern New Mexico and Ciudad Juarez are being interviewed to understand the trends and future needs for the region. As these interviews are performed and multimodal transportation concepts and projects are identified, the RMS team will perform technical analysis to identify potential opportunities and benefits to the region. The work products from RMS will be incorporated into the MPO processes for further evaluation, prioritization and eventual incorporation into the MPO planning documents (CMP, MTP, TIP).

5.2 Web-based Application: The project will support effective transportation performance and planning by using geospatial tools to visualize performance of regional corridors. This project will analyze performance of eight multimodal corridors in the El Paso metropolitan planning area. The purpose of the web-application is not to duplicate the modeling effort of the TDM nor forecast future performance, but to report current performance based on available local and national data. UTEP resources will be used in this task.

Responsible Agency: 5.1 and 5.2: El Paso Metropolitan Planning Organization.

Funding Requirement: \$54,750

Product(s): The RMS final report will include an evaluation of the existing binational multimodal transportation network (i.e., highway, transit, bicycle/pedestrian, freight rail, international crossings) in addition to a summary of the stakeholder interviews and a list of potential projects and concepts that could be incorporated into the MPO process for further development and implementation. The web application will serve as a tool where decision makers and local partners will be able to view performance of the selected corridors within the MPO region.

E. FUNDING SUMMARY

SPECIAL STUDIES FUNDING SUMMARY

Task 5.0 - FY2020/2021

Subtask	Responsible Agency	Transportation Planning Funds (TPF) ¹				Total
		TX 2020	TX 2021	NM 2020	NM 2021	
5.1	MPO	20,000		1,940		21,940
5.2	MPO	34,750				34,750
TOTAL		54,750		1,940		56,690

¹TPF – This includes both FHWA PL-112 and FTA Section 5303 Funds. TxDOT will apply transportation development credits sufficient to provide the match for FHWA PL-112 and FTA Section 5303 programs. As the credits reflect neither cash nor man-hours, they are not reflected in the funding tables.

October 11, 2019 NM Admin Amendment,

VII. BUDGET SUMMARY

TABLE 1 - TOTAL - FY2020/2021

UPWP Task	Description	Transportation Planning Funds				FTA 5310	Sun Metro FTA 5307 ³		NM SPR ⁴ 2021	TOTAL
		TX 2020 ^{1,2}	TX 2021 ^{1,2}	NM 2020 ^{1,2}	NM 2021 ^{1,2}		2020	2021		
1.0	Administration & Management	759,000	769,000	69,468	69,468		165,096	380,744		2,212,776
2.0	Data Development & Maintenance	111,250	204,999	-	-		307,795	342,725		966,769
3.0	Short Range Planning	211,000	307,000	7,250	7,250	144,784	101,197	146,459		924,940
4.0	Metropolitan Transportation Plan	1,145,000	355,011	11,000	11,000		34,800	73,502	399,729	2,030,032
5.0	Special Studies	54,750	-	1,940				1,940		56,690
TOTAL		2,281,000	1,636,000	89,658	87,718	144,784	608,888	943,430	399,729	6,191,207

¹TPF – This includes both FHWA PL-112 and FTA Section 5303 Funds. TxDOT will apply transportation development credits sufficient to provide the match for FHWA PL-112 and FTA Section 5303 programs. As the credits reflect neither cash nor man-hours, they are not reflected in the funding tables. NM local match will be provided by NM partner agencies.

	TX FFY 20-21	TX FFY 20-21	NM FFY 20	NM FFY 21	NM SPR FFY21
FHWA (PL-112)	1,152,553	1,152,553	54,735	53,077	
FTA 5303 (Sect. 8)	386,343	386,343	14,626	14,626	
FHWA (SPR)					399,729
Est. FHWA Unexpended Carryover	742,104	97,104			
Est. FTA 5303 Unexpended Carryover			7,313	7,313	
NM PL 14.56% Match			9,327	9,045	
NM FTA 20% Match			3,657	3,657	
TOTAL TPF	2,281,000	1,636,000	89,658	87,718	399,729

²Estimated based on prior years authorizations

³ Includes 20% cash match

⁴ Match is included. NMDOT District 1 State Road Fund Match of \$79,946

APPENDIX A

TRANSPORTATION POLICY BOARD

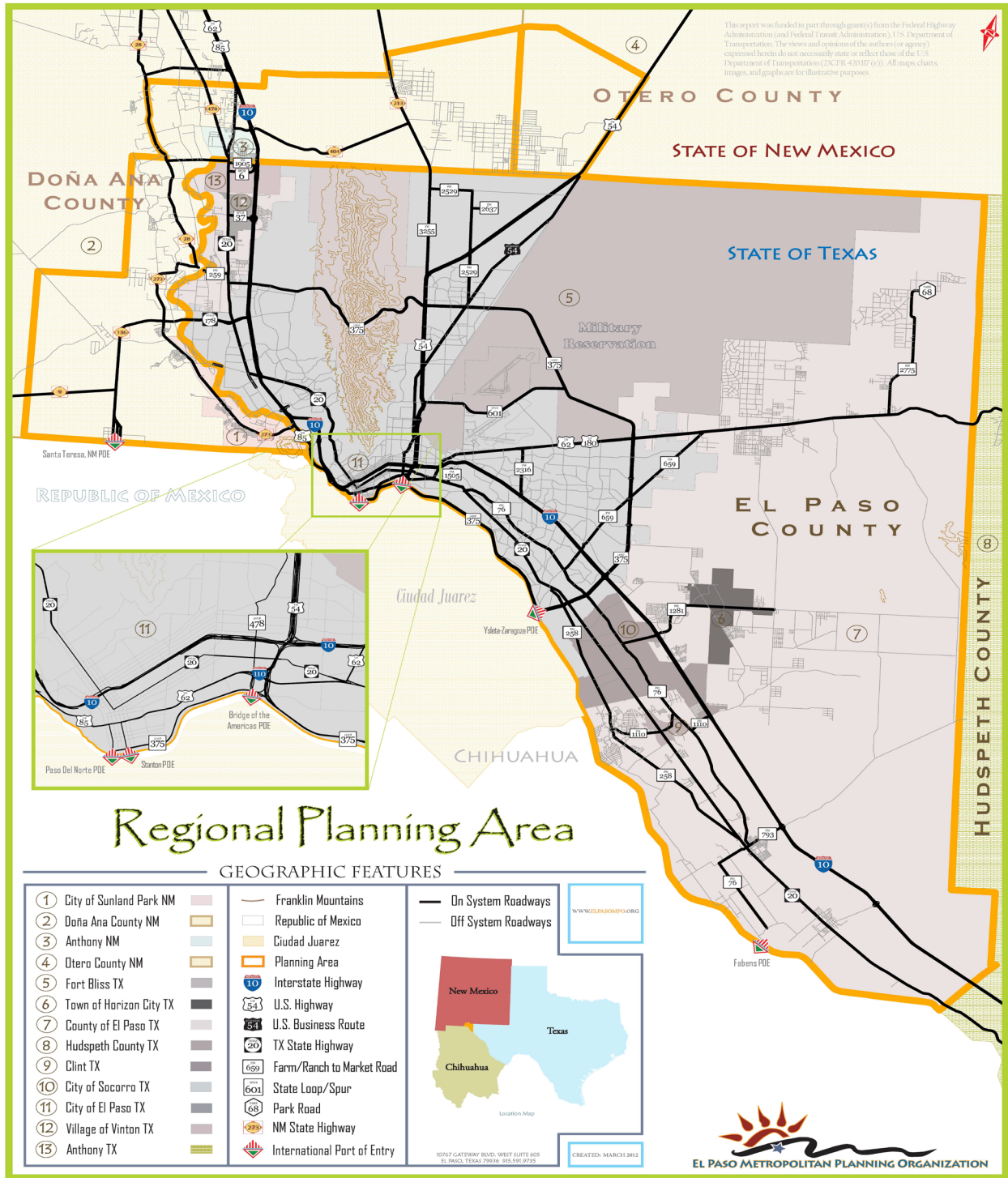
MEMBERSHIP

EL PASO MPO TRANSPORTATION POLICY BOARD

Chairperson VACANT	Vice-Chairman Lina Ortega Texas State Representative - 77 th District
Antonio Araujo Mayor – City of San Elizario, TX	Ellen Smyth Director, Mass Transit
Claudia Ordaz Texas State Representative - 76 th District	Joseph Cervantes New Mexico State Representative, District 31
Trent Doolittle, P.E. District Engineer – New Mexico Department of Transportation (NMDOT)	Art Fierro Texas State Representative – 79 th District
Mary E. Gonzalez Texas State Representative – 75 th District	Tommy Gonzalez City Manager – City of El Paso, TX
Raymundo Lara New Mexico State Representative – District 34	Manuel Leos Mayor – Village of Vinton
Cissy Lizaraga City-Representative- District 8	Sam Rodriguez, P.E. Director of Aviation, El Paso International Airport
Chuck McMahon Doña Ana, NM Assistant County Manager of Operations, District 2	Iliana Holguin County Commissioner – Precinct #3
Walter Miller Alderman 1, Town of Horizon	Joe Moody Texas State Representative – 78 th District
Dr. Sam Morgan City Representative – District 4	Esteban Olivas Alderman Town of Clint
Yvette Hernandez, P.E. Grant Funded Program Director, Capital Improvement Dept. – City of El Paso	Norma Palacios Public Works Director, County of El Paso
Javier Perea Mayor, City of Sunland Park, NM	Henry Rivera City Representative – District 7
Cesar Blanco Texas State Senator	Ivy Avalos Mayor – City of Socorro
Benjamin Romero Mayor – Town of Anthony, TX	Ricardo Samaniego County Judge, El Paso County
Tomas Trevino, P.E. District Engineer – Texas Department of Transportation (TXDOT) – El Paso District #24	Diana Trujillo Mayor, Anthony, NM
Eduardo Calvo Executive Director – El Paso MPO	

APPENDIX B

METROPOLITAN AREA BOUNDARY MAP



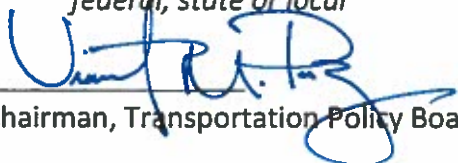
APPENDIX C
DEBARMENT CERTIFICATION
(Negotiated Contracts)

(1) The El Paso MPO as **CONTRACTOR** certifies to the best of its knowledge and belief, that it and its principals:

- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency;
- (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public* transaction or contract under a public transaction; violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity* with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
- (d) Have not within a three-year period preceding this application/proposal had one or more public transactions* terminated for cause or default.

(2) Where the **CONTRACTOR** is unable to certify to any of the statements in this certification, such **CONTRACTOR** shall attach an explanation to this certification.

**federal, state or local*


Chairman, Transportation Policy Board

County Commissioner Precinct #3
Title


Date

**APPENDIX D
LOBBYING CERTIFICATION**

**CERTIFICATION FOR CONTRACTS, GRANTS,
LOANS AND COOPERATIVE AGREEMENTS**

The undersigned certifies to the best of his or her knowledge and belief, that:

- (1) No federal appropriated funds have been paid or will be paid by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form - LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclosure accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.


Chairman, Transportation Policy Board

County Commissioner Precinct # 3
Title

El Paso MPO
Agency

July 26, 2019
Date

APPENDIX E

CERTIFICATION OF COMPLIANCE

I, Vincent M. Perez, TPB Chair, County Commissioner Precinct #3
(Name and Position, Typed or Printed)

a duly authorized officer/representative of El Paso Metropolitan Planning Organization,
(MPO)

do hereby certify that the contract and procurement procedures that are in effect and used by the forenamed MPO are in compliance with 2 CFR 200, "Uniform Administrative Requirements for Grants and Cooperative Agreements with State and Local Governments," as it may be revised or superseded.

July 26, 2019
Date

Vincent M. Perez
Signature, Chairman, MPO Policy Board

Attest:
Eduardo Calvo
Eduardo Calvo, AICP

El Paso MPO Executive Director
Title

APPENDIX F

Certification of Internal Ethics and Compliance Program

I, Vincent M. Perez, TPB Chair, County Commissioner Precinct #3,
(Name and Position, Typed or Printed)

a duly authorized officer/representative of El Paso Metropolitan Planning Organization
(MPO)

do hereby certify that the forenamed MPO has adopted and does enforce an internal ethics and compliance program that is designed to detect and prevent violations of law, including regulations and ethical standards applicable to this entity or its officers or employees and that the internal ethics and compliance program satisfies the requirements of by 43 TAC § 31.39 "Required Internal Ethics and Compliance Program" and 43 TAC § 10.51 "Internal Ethics and Compliance Program" as may be revised or superseded.

11/26/19
Date

Vincent M. Perez
Signature, Chairman, MPO Policy Board

Attest:

Eduardo Calvo
Eduardo Calvo, AICP

El Paso MPO Executive Director
Title

APPENDIX G

PURCHASES OVER \$ 5,000

QTY	DESCRIPTION OF PURCHASES OVER \$5,000	ESTIMATED PRICE
8	Yearly ESRI License Maintenance	\$ 8,000
7	Yearly Caliper License Maintenance	\$ 8,000
---	Yearly Software purchases/upgrades (for example Peoplesoft, Microsoft, Kronos, Adobe) software/services, application subscriptions, software support renewals - Other	\$ 15,000
--	Hardware equipment, computers, laptops, tablets - other	\$ 6,000
---	Audio/Video Equipment, Software, Materials & Supplies (includes 36 microphones, 2 TV monitors, video switcher, software, materials and supplies)	\$ 35,000
---	Web re-design and maintenance	\$ 6,500
--	Single Audit	\$ 15,000

APPENDIX H

UPWP AMENDMENT SUMMARY

October 11, 2019 NM Administrative Amendment to add additional FFY20 funds received.

APPENDIX I

NEW PLANNING REQUIREMENTS ISSUED UNDER FAST ACT



New Planning Requirements Issued Under FAST Act Metropolitan & Statewide Planning Regulations (23 CFR 450)

Draft Date: August 18, 2016

23 CFR 450 Section Number	Description of New Requirement	Phase-in Required By (Date)	Comments
206(a)(9&10) and 306(b)(9&10)	Two new planning factors added: 1) Improve the resiliency and reliability of the transportation system and reduce or mitigate storm-water impacts of surface transportation; 2) Enhance travel and tourism	MTP, TIP, and Statewide Plan updates on or after May 27, 2018	Category: Planning Factors
216(b), 324(f)(2)	MTPs (shall) and Statewide Plans (should) – include consideration of <u>intercity buses</u>	MTP and long range statewide transportation plan updates on or after May 27, 2018	Category: Other Planning Considerations
316(a)	MPO shall develop and use a <u>documented participation plan</u> that also includes: 1) <u>public ports</u> ; 2) <u>private providers of transportation (including intercity bus operators, employer-based commuting programs, such as carpool program, vanpool program, transit benefits program, parking cash-out program, shuttle program, or telework program)</u>	MTP and TIP updates on or after May 27, 2018	Category: Other Planning Considerations (Public Participation Plans)
316(b)	(b) In developing MTP and TIPs, the MPO should also consult with agencies and officials responsible for other planning activities within the MPA that are affected by transportation including: 1) <u>tourism</u> ; 2) <u>natural disaster risk reduction</u> .	MTP and TIP updates on or after May 27, 2018	Category: Other Planning Considerations (Public Participation Plans)



New Planning Requirements Issued Under FAST Act Metropolitan & Statewide Planning Regulations (23 CFR 450)

Draft Date: August 18, 2016

23 CFR 450 Section Number	Description of New Requirement	Phase-in Required By (Date)	Comments
206(c)(2)	States shall: set performance targets within 1-year of the effective date of the DOT final rule on performance measures for the performance areas described in 23 U.S.C. 150(c) and 23 CFR part 490	Varies (depends on effective date of the DOT final rule on individual performance areas)	<p>Category: Performance Targets and Measures</p> <p>States and MPOS shall coordinate: –when selecting targets addressing the performance areas under 23 U.S.C. 150(b) and 23 CFR 490 to ensure consistency to the maximum extent practicable. (450.206(c)(2), 450.306(d)(2)(ii))</p>



New Planning Requirements Issued Under FAST Act Metropolitan & Statewide Planning Regulations (23 CFR 450)

Draft Date: August 18, 2016

23 CFR 450 Section Number	Description of New Requirement	Phase-in Required By (Date)	Comments
306(d)(3)	Each MPO shall: set performance targets not later than 180 days after the State or public transportation provider establishes performance targets.	Varies (depends on when State or public transportation provider establishes performance targets)	Category: Performance Targets and Measures MPOs shall coordinate: –to the maximum extent practicable with public transportation providers when setting performance targets required under 49 U.S.C. 5326(c) and 5329(d). (450.306(d)(3)(iii))



New Planning Requirements Issued Under FAST Act Metropolitan & Statewide Planning Regulations (23 CFR 450)

Draft Date: August 18, 2016

23 CFR 450 Section Number	Description of New Requirement	Phase-in Required By (Date)	Comments
324(f)(3) 324(f)(4)	<p>MPO Metropolitan Transportation Plan <u>shall include:</u></p> <ul style="list-style-type: none"> -a description of the (Federally required) performance measures and performance targets used in assessing the performance of the transportation system. -a system performance report evaluating the condition and performance of the transportation system with respect to the (Federally required) performance targets including progress achieved by the MPO the performance targets. 	MTP updates on or after May 27, 2018 or on or after the date that is two years after the effective date of each final performance measures rule, whichever is later.	Category: Performance Targets and Measures



New Planning Requirements Issued Under FAST Act Metropolitan & Statewide Planning Regulations (23 CFR 450)

Draft Date: August 18, 2016

23 CFR 450 Section Number	Description of New Requirement	Phase-in Required By (Date)	Comments
324(f)(4)(ii)	<p>MPOs that voluntarily elect to conduct scenario planning shall describe how the preferred scenario has improved performance of the transportation system.</p> <p>MPOs that voluntarily elect to conduct scenario planning shall describe how the preferred scenario has improved performance of the transportation system. (450.324(f)(4)(ii))</p> <p>An MPO may voluntarily elect to develop multiple scenarios for consideration as part of the development of the MTP (450.324(i))</p> <p>-Section 450.324(i) contain an optional framework for MPO's to consider when conducting scenario planning.</p>	<p>MTP updates on or after May 27, 2018 or on or after the date that is two years after the effective date of each final performance measures rule, whichever is later.</p> <p>MTP Updates on or after May 27, 2018</p>	<p>Category: Performance Targets and Measures</p>



New Planning Requirements Issued Under FAST Act Metropolitan & Statewide Planning Regulations (23 CFR 450)

Draft Date: August 18, 2016

23 CFR 450 Section Number	Description of New Requirement	Phase-in Required By (Date)	Comments
218(q), 326(d)	<p style="text-align: center;">STIP/TIPs shall:</p> <p>-include (to the maximum extent practicable) a description of the anticipated effect of the STIP and TIP toward achieving the performance targets identified by the State in the long-range statewide transportation plan and by the MPO in the MTP</p>	<p>STIP/TIP updates on or after May 27, 2018 or on or after the date that is two years after the effective date of each final performance measures rule, whichever is later.</p>	<p>Category: Performance Targets and Measures</p>
218(q), 326(d)	<p style="text-align: center;">STIP/TIPs shall:</p> <p>link investment priorities in the TIP/STIP to achievement of performance targets in the plans</p>	<p>STIP/TIP updates on or after May 27, 2018 or on or after the date that is two years after the effective date of each final performance measures rule, whichever is later.</p>	<p>Category: Performance Targets and Measures</p>



New Planning Requirements Issued Under FAST Act Metropolitan & Statewide Planning Regulations (23 CFR 450)

Draft Date: August 18, 2016

23 CFR 450 Section Number	Description of New Requirement	Phase-in Required By (Date)	Comments
226, 340, 206(c)(2), 306(d)(3)	<p style="text-align: center;">Changes <u>unrelated</u> to performance management</p> <ul style="list-style-type: none"> • Updates or amendments to TIPS, STIPs, and plans adopted on or after 2 years after the date of the final planning rule must reflect the new emphasis. <p style="text-align: center;"><u>Changes related to performance management</u></p> <ul style="list-style-type: none"> • Updates or amendments to TIPS, STIPs, and plans adopted or amended two years after the effective date of the performance management rules must comply. • States have 1 year from the effective date of the PM rule(s) to establish targets. • MPOs have 180 days to set targets after the State sets targets. 	<p style="text-align: center;">May 27, 2018</p> <p>Updates to TIPS, STIP, MTPs, and statewide long-range plans on or after the date that is two years after the publication date of the final planning rule (May 27, 2018) or two years after the effective date of each final performance management rule, whichever comes later.</p>	<p style="text-align: center;">Category: Performance Targets and Measures</p>



New Planning Requirements Issued Under FAST Act Metropolitan & Statewide Planning Regulations (23 CFR 450)

Draft Date: August 18, 2016

23 CFR 450 Section Number	Description of New Requirement	Phase-in Required By (Date)	Comments
216(f)(1&2)	<p style="text-align: center;">Statewide plan shall –include a description of the performance measures & targets and a systems performance report assessing the performance of the transportation system (<u>previously should in the NPRM</u>).</p>	<p style="text-align: center;">Long-range statewide transportation plan on or after May 27, 2018 or on or after the date that is two years after the effective date of each final performance measures rule, whichever is later.</p>	<p style="text-align: center;">Category: Performance Targets and Measures</p>
208(e)	<p style="text-align: center;"><u>Transportation planning process:</u> –States <u>should apply</u> asset management principles consistent with the State Asset Management Plan for the NHS and the Transit Asset Management Plan and the Public Transportation Safety Plan in the statewide transportation planning process (shall is changed to should in the final rulemaking).</p>	<p style="text-align: center;">Long-range statewide transportation plan and STIP updates on or after May 27, 2018.</p>	<p style="text-align: center;">Category: Performance Targets and Measures</p>



New Planning Requirements Issued Under FAST Act Metropolitan & Statewide Planning Regulations (23 CFR 450)

Draft Date: August 18, 2016

23 CFR 450 Section Number	Description of New Requirement	Phase-in Required By (Date)	Comments
314(h)	<p>The MPO(s), State(s), and the providers of public transportation <u>shall jointly agree</u> upon and develop specific written provisions for cooperatively developing and sharing information related to:</p> <ul style="list-style-type: none"> -transportation performance data, -the selection of performance targets, -the reporting of performance targets, -the reporting of performance to be used in tracking progress toward attainment of critical outcomes for the region of the MPO (see § 450.306(d)), & the collection of data for the State asset management plan for the NHS. <p>NOTE: Such agreements shall be documented as part of the metropolitan planning agreement or in some other form jointly agreed to by the MPO(s), State(s), and provider(s) of public transportation)</p>	<p>Long-range statewide transportation plan, MTP and STIP/TIP updates on or after May 27, 2018 or on or after the date that is two years after the effective date of each final performance measures rule, whichever is later.</p>	<p>Category: Performance Targets and Measures</p>



New Planning Requirements Issued Under FAST Act Metropolitan & Statewide Planning Regulations (23 CFR 450)

Draft Date: August 18, 2016

23 CFR 450 Section Number	Description of New Requirement	Phase-in Required By (Date)	Comments
310	<p style="text-align: center;">TMA Structure</p> <p>Within two years of enactment of MAP-21, (by Oct. 1, 2014) MPOs serving TMA areas shall consist of:</p> <ul style="list-style-type: none"> -Local elected officials -Officials of public agencies that operate major modes of transportation including representation by providers of public transportation -Appropriate State officials -MPO does not need to re-designate to meet this provision 	October 1, 2014	Category: TMA Structure
310(d)(3)	<p style="text-align: center;">TMA Structure</p> <ul style="list-style-type: none"> • Designation or selection of officials or representatives shall be determined by the MPO according to the bylaws or enabling statute of the organization. • Subject to the bylaws or enabling statute of the MPO, a representative of a provider of public transportation may also serve as a representative of a local municipality. • An official shall have responsibilities, actions, duties, voting rights, and any other authority commensurate with other officials. 	October 1, 2014	Category: TMA Structure



New Planning Requirements Issued Under FAST Act Metropolitan & Statewide Planning Regulations (23 CFR 450)

Draft Date: August 18, 2016

23 CFR 450 Section Number	Description of New Requirement	Phase-in Required By (Date)	Comments
214 and 320	<p>MAP-21 created an optional framework at 23 U.S.C. 169 for the <u>use of programmatic mitigation plans</u> under NEPA reviews. The FHWA/FTA joint NPRM proposed regulatory text to implement the provision in 450.214 and 450.320.</p> <ul style="list-style-type: none"> • The FAST Act made the following changes to the <u>programmatic mitigation plan</u> provision located at 23 U.S.C. 169, specifically under paragraph (f): <ul style="list-style-type: none"> –Instead of saying that a Federal agency “may use” the recommendations of a programmatic mitigation plan, the statute now says that agencies “<u>shall give substantial weight to</u>” them –Adds text “or other Federal environmental law” to the end of 23 USC 169(f), which previously had only called out NEPA • The FHWA/FTA joint final rule captures these two FAST Act changes to 23 U.S.C. 169(f) in the final regulatory text at 450.214(d) and 450.320(d). 	May 27, 2018	Category: Environmental (Programmatic Mitigation)



New Planning Requirements Issued Under FAST Act Metropolitan & Statewide Planning Regulations (23 CFR 450)

Draft Date: August 18, 2016

23 CFR 450 Section Number	Description of New Requirement	Phase-in Required By (Date)	Comments
214, 320	<p>A State or MPO, in consultation with agencies with jurisdiction over protected environmental resources, may develop programmatic mitigation plan(s) as part of its planning process.</p> <p>The programmatic mitigation plan(s) may inventory existing or planned environmental resource mitigation and identify potential environmental impacts and potential avoidance or mitigation opportunities.</p>	May 27, 2018	Category: Environmental (Programmatic Mitigation)
324(f)(7)	<p>MTP shall include and <u>assessment of capital investment</u> and other strategies to preserve the existing and future transportation system and <u>reduce the vulnerability</u> of the existing transportation infrastructure <u>to natural disasters</u></p>	MTP updates on or after May 27, 2018.	Category: Environmental (Climate Change- Vulnerability)



New Planning Requirements Issued Under FAST Act Metropolitan & Statewide Planning Regulations (23 CFR 450)

Draft Date: August 18, 2016

23 CFR 450 Section Number	Description of New Requirement	Phase-in Required By (Date)	Comments
214, 320	<p>A State or MPO, in consultation with agencies with jurisdiction over protected environmental resources, may develop programmatic mitigation plan(s) as part of its planning process.</p> <p>The programmatic mitigation plan(s) may inventory existing or planned environmental resource mitigation and identify potential environmental impacts and potential avoidance or mitigation opportunities.</p>	May 27, 2018	Category: Environmental (Programmatic Mitigation)
324(f)(7)	<p>MTP shall include and <u>assessment of capital investment</u> and other strategies to preserve the existing and future transportation system and <u>reduce the vulnerability</u> of the existing transportation infrastructure <u>to natural disasters</u></p>	MTP updates on or after May 27, 2018.	Category: Environmental (Climate Change-Vulnerability)



New Planning Requirements Issued Under FAST Act Metropolitan & Statewide Planning Regulations (23 CFR 450)

Draft Date: August 18, 2016

23 CFR 450 Section Number	Description of New Requirement	Phase-in Required By (Date)	Comments
322	Requirement for the <u>CMP</u> for TMA's is retained and largely unchanged (450.322) <ul style="list-style-type: none"> • Requirement for CMP analysis of new SOV capacity in non-attainment areas in TMA's is retained (450.322(f)) • An MPO serving a TMA may develop a congestion management plan (450.322(h)). <ul style="list-style-type: none"> • Provides examples of employer-based travel demand reduction strategies: intercity bus, employer based programs -carpool, vanpool, transit benefits, parking cash-out, telework (450.322(a)) • Add job access projects as a CMP strategy (450.322(a)) 	MTP and TIP updates on or after May 27, 2018	Category: Congestion Management Process/Plan

ACRONYMS

ADA	Americans with Disabilities Act
ADT	Average Daily Traffic
AT	Active Transportation System
BEEP	Bus pool Express El Paso
BOT	Bridge of the Americas
BRT	Bus Rapid Transit
CPP	Call for Projects Policy
CAA	Clean Air Act Amendments
CBD	Central Business District
CB	Coordinated Border Infrastructure
CMAQ	Congestion, Mitigation, & Air Quality
CM	Congestion Management Program
CMPC	Congestion Management Process Committee
CO	Carbon Monoxide
DHDC	Department Heads Development Coordinating Committee
EC	Executive Committee
EMPA	Environmental Monitoring for Public Access and Community Tracking
EPA	U.S. Environmental Protection Agency
EPUTS	El Paso Urban Transportation Study
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
GIS	Geographic Information System
HOV	High Occupancy Vehicle
HSMS	Highway Safety Management System
ISTEA	Intermodal Surface Transportation Efficiency Act
ICM	Integrated Corridor Management
ITS	Intelligent Transportation System
IVHS	Intelligent Vehicle Highway System
JARC	Job Access and Reverse Commute
MA	Metropolitan Area (defined by the 2000 U.S. Census)

MBE Minority Business Enterprise Program
MPO Metropolitan Planning Organization
MTD Mass Transit Department (Sun Metro)
MTP Metropolitan Transportation Plan
NAFTA North American Free Trade Agreement
NAAQS National Ambient Air Quality Standards
NEPA National Environmental Policy Act
NHS National Highway System
NMED New Mexico Environment Department
NMDOT New Mexico Department of Transportation
NMSU New Mexico State University
NOx Nitrogen Oxide
O-D Origin-Destination
PM10 Particulate Matter 10 Microns or Less
PMIS Pavement Management Information System
POE Port of Entry
PPP Public Participation Program
PSC Project Selection Committee
RFP Request For Proposal
ROW Right of Way
RPO Regional Planning Organization
SAM Statewide Analysis Model
SAFETEA-LU Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
SCC Subdivision Coordinating Committee
SIP State Implementation Plan
SPR State Planning and Research
SMC Suburban Mobility Committee
SOV Single Occupancy Vehicle
S.T.E.P. Statewide Transportation Enhancement Program
STIP Statewide Transportation Improvement Program
STP 4C Surface Transportation Program

TAZ Traffic Analysis Zone
TCCTransit Coordination Committee
TCSPTransportation, Community and System Preservation
TCEQTexas Commission on Environmental Quality
TCMTransportation Control Measure
TDMTraffic Demand Model
TEA-21Transportation Equity Act for the 21st Century
TFCTransportation Finance Committee
TIPTransportation Improvement Program
TMATransportation Management Area
TMMPTexas Metropolitan Mobility Plan
TPBTransportation Policy Board
TP&PTransportation Planning and Programming Division, TXDOT Austin
TPACTransportation Policy Advisory Committee
TSMTransportation System Management
TTCTexas Transportation Commission
TTITexas Transportation Institute
TXDOTTexas Department of Transportation
TWGTechnical Work Group
UPWPUnified Planning Work Program
UTEPUniversity of Texas at El Paso
UTPUnified Transportation Program
VOCVolatile Organic Compound
VMTVehicles Miles Traveled
WTEPFar West Texas/El Paso Regional Transportation Coordination Committee
WtWWelfare to Work