



FY 2016 and FY 2017 UNIFIED PLANNING WORK PROGRAM
October 1, 2015 through September 30, 2017

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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, 2015, to September 30, 2017.

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.

Eight broad planning areas have been identified in federal law. The work tasks contained in the FYs 2016-2017 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.

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 subcommittees are to be open to the public. Agendas, with public comment opportunity as a standing item, are published in the local newspapers and 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
- Dona 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 Dona 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.

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 B 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 four 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 Finance Committee (TFC): The TFC's roles and responsibilities will include reviewing and establishing policies regarding overruns, change orders, obligation limitation, funding assumptions, and financial constraint with regard to the Metropolitan

Transportation Plan and the Transportation Improvement Program, and other assignments for recommendations to the TPB.

- Congestion Management Process Committee (CMPC): The CMPC's roles and responsibilities will include developing, reviewing, and maintaining the Congestion Management Plan with MPO staff and making recommendations to the TPB.
- Suburban Mobility Committee: The Suburban Mobility Committee shall make recommendations to the Transportation Policy Board regarding projects affecting local units of government in the El Paso Urbanized Transportation Study Area.
- 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 FY2016 and FY2017 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 2.5), 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 2.6).

II. **TASK 1.0 – ADMINISTRATION AND MANAGEMENT**

- **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.
- **EXPECTED PRODUCTS** - The expected product of Task 1.0 is the administration of the MPO, host or identify workshops, conferences, and other training opportunities for the staff of the MPO staff and its partners in the region, supply/equipment purchases, maintenance and/or updates of the Public Participation Plan, and dissemination of Title VI and Environmental Justice material(s).
- **PREVIOUS WORK**
 - Maintained and revised 2014-2015 UPWP and APERs, maintenance of the PPP, development and implementation of the project selection process, development and implementation of Project Call and Reporting Policy, maintenance of the Title VI Civil Rights, Environmental Justice, and Limited English Proficiency Plans, TIGER Grant writing by Sun Metro, and development and execution of MOU between EPMPO and Mesilla Valley MPO.

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 and organizations involved in planning, programming and implementation 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. 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. Any expenditure in excess of \$5,000, the EPMPO will seek State recommendation/ Federal approval. Please see Appendix A for expenditures over \$5,000.

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 agents indirect costs.

1.2 Public Participation: This activity supports the implementation of the MPO's 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; develop and use of questionnaires, online surveys, newsletters and other participation techniques; and provide bilingual materials and translations as appropriate. Sun Metro will continue to work with the EPMPO to ensure the sharing of information and cooperative development of both entities in carrying out the required plans of action. Sun Metro will ensure that the EPMPO office is kept current on all significant regional, county and city transit transportation plan impacts.

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, identifying possible strategies to minimize, avoid or mitigate potential disproportional adverse impacts on the EJ populations, developing a Regional Toll Network Analysis, as applicable, that evaluates the impacts of the regional toll network on the EJ and non-EJ populations, 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 will update related Title VI documents, policies and procedures, as required.

1.4 Professional Development: 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. The MPO will organize training sessions for the Transportation Policy Board and subcommittee members, and to local governments and participating agencies. For out of state travel, the EPMPO will seek prior TXDOT or NMDOT approval as appropriate.

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

Funding Requirement: \$1,780,213

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

ADMINISTRATION AND MANAGEMENT FUNDING SUMMARY

Task 1.0 - FY2016/2017

Subtask	Responsible Agency	Transportation Planning			Sun Metro FTA 5307 ³		5307 Local Match ³	Total
		Funds (TPF) ¹						
		TX 2016	TX 2017	NM ²	2016	2017		
1.1	MPO/MTD	627,148	618,148	87,475	91,484	84,847	44,083	1,553,185
1.1a	MPO	25,000	25,000					50,000
1.2	MPO/MTD	25,000	25,000	6,000	2,649	6,058	2,176	66,883
1.3	MPO/MTD	10,000	10,000	1,000	7,570	23,200	7,692	59,462
1.4	MPO	20,000	20,000	20,000				60,000
TOTAL		707,148	698,148	114,475	101,703	114,105	53,951	1,789,530

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.

²NM funds will be divided equally between the two fiscal year. 5303 match provided by City of El Paso, no match required for PL-112

³ El Paso MPO will provide planning services as requested by Sun Metro in support of Sun Metro transit planning efforts. 20% match provided by City of El Paso

		FY2016	FY2017
FTA 5307	80%	101,703	114,105
Local Match	20%	25,425	28,526
		<u>127,128</u>	<u>142,631</u>

III. **TASK 2.0 - DATA DEVELOPMENT AND MAINTENANCE**

- **OBJECTIVE** -Provide updated planning information, GIS and demographic data and analysis to support the Metropolitan Planning Organization's planning efforts.
- **EXPECTED PRODUCTS** - Series of technical reports documenting the ongoing GIS data updates on traffic counts and mapping; Updated demographic forecasts and travel demand model for the MTP; Related performance measures development and implementation, and Transportation connectivity gaps.
- **PREVIOUS WORK**
 - Geographic Information System database maintenance, Web Site Upgrade and Maintenance, maintenance of Congestion Management Process, development and implementation of Project Readiness Report, and outline of transportation performance measures and target settings.

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

2.3 Web Site Upgrade and 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 Demographic Forecasting and Travel Demand Modeling: Activities will include production and/or review of demographic forecasts to be used for development of the MTP and performing model runs for alternative analyses/scenario planning and incorporating the amendments of extant MTP and transportation improvement programs (TIPs); participating in deployment of traffic assignment; refinements of in-house modeling capabilities; and regular updates of computer hardware, software, and necessary peripherals for supporting the demographic forecasting and travel demand modeling activities. A consultant will develop a new base year for use in support of the development of planning documents

2.5 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.

2.6 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.

Responsible Agency subtask 2.1 – 2.6: EPMPO, NMDOT, Sun Metro, and TxDOT

Funding Requirement: \$2,141,093

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, demographic forecasting and travel demand modeling activities and/or subject-matter reports, Transition to Performance Based Planning and Programming implementation activities, and Access to Essential Service gaps report.

DATA DEVELOPMENT AND MAINTENANCE FUNDING SUMMARY

Task 2.0 - FY2016/2017

Subtask	Responsible Agency	Transportation Planning Funds (TPF) ¹			Sun Metro FTA 5307 ³		5307 Local	NM SPR ⁴	SPR Match ⁴	Total
		TX 2016	TX 2017	NM ²	2016	2017	Match ³			
2.1	MPO	60,000	60,000	1,000						121,000
2.2	MPO	30,000	30,000	1,000						61,000
2.3	MPO	15,000	15,000							30,000
2.4	MPO	405,000	405,000					320,000	80,000	1,210,000
2.5	MPO/MTD	5,000	5,000	1,000	239,615	210,232	112,462			573,309
2.6	MPO/MTD	5,000	5,000	1,000	53,914	53,914	26,956			145,784
TOTAL		520,000	520,000	4,000	293,529	264,146	139,418	320,000	80,000	2,141,093

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.

²NM funds will be divided equally between the two fiscal year. 5303 match provided by City of El Paso, no match required for PL-112

³ El Paso MPO will provide planning services as requested by Sun Metro in support of Sun Metro transit planning efforts. 20% match provided by City of El Paso

			FY2016	FY2017
FTA 5307	80%		293,529	264,146
Local Match	20%		73,382	66,036
			<u>366,911</u>	<u>330,182</u>

⁴20% Match provided by NMDOT

IV. TASK 3.0 - SHORT RANGE PLANNING

- **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.
- **EXPECTED PRODUCTS**
 - Unified Planning Work Program (FYs 2018 – 2019)
 - 2017-2020 Transportation Improvement Program
 - Federal Funds Obligated Report
 - Annual Performance and Expenditure Report
- **PREVIOUS WORK**
 - Development of Horizon 2013-2016 Transportation Improvement Plan, attend meeting that promoted regional, international and Border planning efforts, development of Far West Texas/El Paso Regional Transportation Coordination Coalition's (WTEP) Vamonos Plan, preparation and planning activities in support of the Federal Certification Review, and Project Coordination of transit activities by Sun Metro.

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 FY 2016 and FY 2017 that utilized FHWA and FTA planning funds. Develop the APL for the transportation projects that used federal aid in FY 2016 and FY 2017.

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. Development and maintenance of the FY 2017-2020 TIP.

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 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 international planning.

3.4 Public Transportation for Human Service Agencies: The Far West Texas/El Paso Regional Transportation Coordination Coalition (WTEP) attempts to identify mobility priorities and formulate strategies to address those priorities through greater coordination between health and human service organizations and public transportation providers by developing the *Far West Texas/El Paso Regional Transportation Coordination Plan*. The plan is built upon a comprehensive assessment of the needs of transit dependent populations and an inventory of existing transportation resources with an analysis of the gaps and redundancies in the existing public transportation system. 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: \$515,491

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), planning activities that promote Models of Regional Planning Cooperation, and Public Transportation Coordination Plan for Far West Texas.

SHORT RANGE PLANNING FUNDING SUMMARY

Task 3.0 - FY2016/2017

Subtask	Responsible Agency	Transportation Planning Funds (TPF) ¹				Sun Metro FTA 5307 ³		5307 Local Match ³	FTA Sect. 5310 ⁴	Total
		TX 2016	TX 2017	NM ²	Increase	2016	2017		FY16/17	
3.1	MPO	10,000	20,000	1,000						31,000
3.2	MPO	150,000	150,000	13,000						313,000
3.3	MPO	15,000	15,000	1,000	4,206					35,206
3.4	MPO/MTD	5,000	5,000			1,136	7,257	2,098	99,000	119,491
										-
TOTAL		180,000	190,000	15,000	4,206	1,136	7,257	2,098	99,000	498,697

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.

²NM funds will be divided equally between the two fiscal year. 5303 match provided by City of El Paso, no match required for PL-112

³ El Paso MPO will provide planning services as requested by Sun Metro in support of Sun Metro transit planning efforts. 20% match provided by City of El Paso

		FY2016	FY2017
FTA 5307	80%	1,136	7,257
Local Match	20%	284	1,814
		<u>1,420</u>	<u>9,071</u>

⁴ Administrative Expenses are 100% federally funded

V. TASK 4.0 - METROPOLITAN TRANSPORTATION PLAN

- **OBJECTIVE** - To develop, maintain and update a multi-modal Metropolitan Transportation Plan and related transportation-air quality activities for the EPMPO planning area that meets federal requirements and regional goals.
- **EXPECTED PRODUCTS** - Describe the products expected from this task.
 - Metropolitan Transportation Plan and potential amendment(s)/update(s)
 - Transportation conformity report(s)
 - Scenario planning activities
- **PREVIOUS WORK** – Development of a Regional Multi-Modal Plan. This activity will be complete December 2015. Regional Transportation Modeling activities supporting planning documents, Air Quality analysis for TIP related projects, and amendments to the Horizon Metropolitan Transportation Plan for inclusion of non-added capacity projects.

METROPOLITAN TRANSPORTATION PLAN SUBTASKS

4.1 Use of scenario planning as part of developing metropolitan transportation plan:

The EPMPO may use scenario planning to improve decision making by providing information to the public and to decision makers on the performance outcome tradeoffs of various investment decisions when developing the metropolitan transportation plan.

4.2 Metropolitan Transportation Plan (MTP): Develop a financial and fiscal constraint long-range multimodal transportation plan for the region utilizing the latest planning assumptions.

4.3 Air Quality Transportation Planning: Continue transportation-related air quality planning activities, development of state implementation plan(s) and conformity determination report(s), for carbon monoxide (CO), particulate matter of 10 microns or less (PM10), and any additional air quality designations in support of the MTP. Sun Metro will coordinate with the EPMPO by providing required assistance, coordination in the development of the state implementation plan (SIP) as required for the region. Sun Metro will provide required Air Quality analysis for TIP related projects, especially for those funded through CMAQ. Towards these goals Sun Metro has achieved a 100% alternative fuel fleet and through its Planning division constantly monitors routes and schedules to attain optimal fuel and related emission efficiencies.

4.4 Regional Multi-Modal Plan: The EPMPO will identifying existing infrastructure and the needs of pedestrian, bicycling, and transit transportation.

Responsible Agency subtask 4.1 – 4.4: EPMPO, NMDOT, Sun Metro, and TxDOT

Funding Requirement: \$435,770

Product(s): Scenario planning activities, a new metropolitan transportation plan, amendments/updates to extant MTP, and transportation-related air quality planning activities to include conformity determination report(s).

METROPOLITAN TRANSPORTATION PLAN FUNDING SUMMARY

Task 4.0 - FY2016/2017

Subtask	Responsible Agency	Transportation Planning			Sun Metro FTA 5307 ³			TX Federal	Match	Total
		Funds (TPF) ¹			Local			STP ⁴	STP ⁴	
		TX 2016	TX 2017	NM ²	2016	2017	Match ³	2016	2016	
4.1	MPO	5,000	5,000							10,000
4.2	MPO	25,000	45,000							70,000
4.3	MPO/MTD	60,000	60,000	1,000	38,540	29,276	16,954			205,770
4.4	MPO	1,000						120,000	30,000	151,000
TOTAL		91,000	110,000	1,000	38,540	29,276	16,954	120,000	30,000	436,770

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.

²NM funds will be divided equally between the two fiscal year. 5303 match provided by City of El Paso, no match required for PL-112

³ El Paso MPO will provide planning services as requested by Sun Metro in support of Sun Metro transit planning efforts. 20% match provided by City of El Paso

		FY2016	FY2017
FTA 5307	80%	38,540	29,276
Local Match	20%	9,635	7,319
		<u>48,175</u>	<u>36,595</u>

⁴20% match provided by TTI

VI. TASK 5.0 - SPECIAL STUDIES

- **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.
- **EXPECTED PRODUCTS** – Completion of special studies.
- **PREVIOUS WORK** – The Integrated Corridor Management (ICM) Deployment Planning Grants Program was approved in the FFYs 2014-2015 UPWP on June 2, 2015. This planning activity will be programmed in the FFYs 2016-2017 UPWP and be completed in FFY 2017.

SPECIAL STUDIES SUBTASKS

5.1 Integrated Corridor Management (ICM) Deployment Planning Grants Program: The goal of the ICM program is to advance the integrated approach to transportation systems management and operations. The objective of the Deployment Planning Grant program is to advance ICM planning, development, and deployment efforts.

Responsible Agency: El Paso Metropolitan Planning Organization

Funding Requirement: \$250,000

Product(s): Contract procurement materials

SPECIAL STUDIES FUNDING SUMMARY

Task 5.0 - FY2016/2017

Subtask	Responsible Agency	Transportation Planning Funds (TPF) ¹			TX ICM ²	Match ICM ²	Total
		TX 2016	TX 2017	NM			
5.1	MPO				200,000	50,000	250,000
							-
TOTAL					200,000	50,000	250,000

²20% match provided by TTI.

VII. BUDGET SUMMARY

TABLE 1 - TOTAL - FY2016/2017

UPWP Task	FTA Task	Description	Transportation			FTA 5310	Sun Metro FTA 5307		NM ³ SPR	TX ³ STP	FHWA ³ ICM/CMAQ	TOTAL
			Planning Funds				2016	2017				
			TX 2016 ^{1,2}	TX 2017 1,2	NM ^{1,2}							
1.0	44.21.00	Administration & Management	707,148	698,148	114,475		155,654	114,105	-			1,789,530
2.0	44.23.01	Data Development & Maintenance	520,000	520,000	4,000		432,947	264,146	400,000			2,141,093
3.0	44.21.00 44.25.00	Short Range Planning	180,000	190,000	19,206	99,000	3,234	7,257				498,697
4.0		Metropolitan Transportation Plan	91,000	110,000	1,000		55,494	29,276	-	150,000		436,770
5.0		Special Studies	-	-	-						750,000	750,000
		TOTAL	1,498,148	1,518,148	138,681	99,000	647,329	414,784	400,000	150,000	750,000	5,616,090

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.

	TX	NM
FHWA (PL-112)	1,581,344	98,056
FTA 5303 (Sect. 8)	734,952	32,625
Estimated Unexpended Carryover	700,000	8,000
TOTAL TPF	3,016,296	138,681

²Estimated based on prior years authorizations

³ Includes 20% cash match

FTA/TXDOT Section 5303 Budget Worksheet for FY 2016
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MPO: El Paso MPO

PART A. TECHNICAL ACTIVITIES

Show estimated cost (Federal) by appropriate activity line item.

Metropolitan Planning	Amount
44.21.00 Program Support and Administration	\$ <u>67,476</u>
44.22.00 General Development and Comprehensive Planning	<u>0</u>
44.23.01 Long Range System Level Planning	<u>150,000</u>
44.23.02 Long Range Project Level Planning	<u>0</u>
44.24.00 Short Range Transportation Planning	<u>0</u>
44.25.00 Transportation Improvement Program	<u>150,000</u>
Other	
44.27.00 Other Activities	\$ <u>0</u>
TOTAL	\$ <u>367,476</u>

APPENDIX A

PURCHASES OVER \$ 5,000

QTY	DESCRIPTION OF PURCHASES OVER \$5,000	ESTIMATED PRICE
8	Yearly ESRI License Maintenance	\$ 8,000
5	Yearly Caliper License Maintenance	\$ 7,000
---	Yearly Software purchases/upgrades (for example Peoplesoft, Microsoft, Kronos, Adobe) software/services, application subscriptions, advanced mapping software, software support renewals - Other	\$ 15,000
6	Microcomputers (tablet, desktops, laptops)	\$ 12,000
1	Server for data storage	\$ 6,000
---	Audio/Video Equipment, Software, Materials & Supplies (includes 4 cameras, 30 microphones, 3 TV monitors, video switcher, server, software, smart UPS, materials and supplies)	\$ 115,000
---	Web re-design and maintenance	\$ 15,000
--	Copier Lease	\$ 10,000
--	Other Materials & Supplies (for example, hard drives, video cards, data tapes, network cabling)	\$ 10,000

APPENDIX B

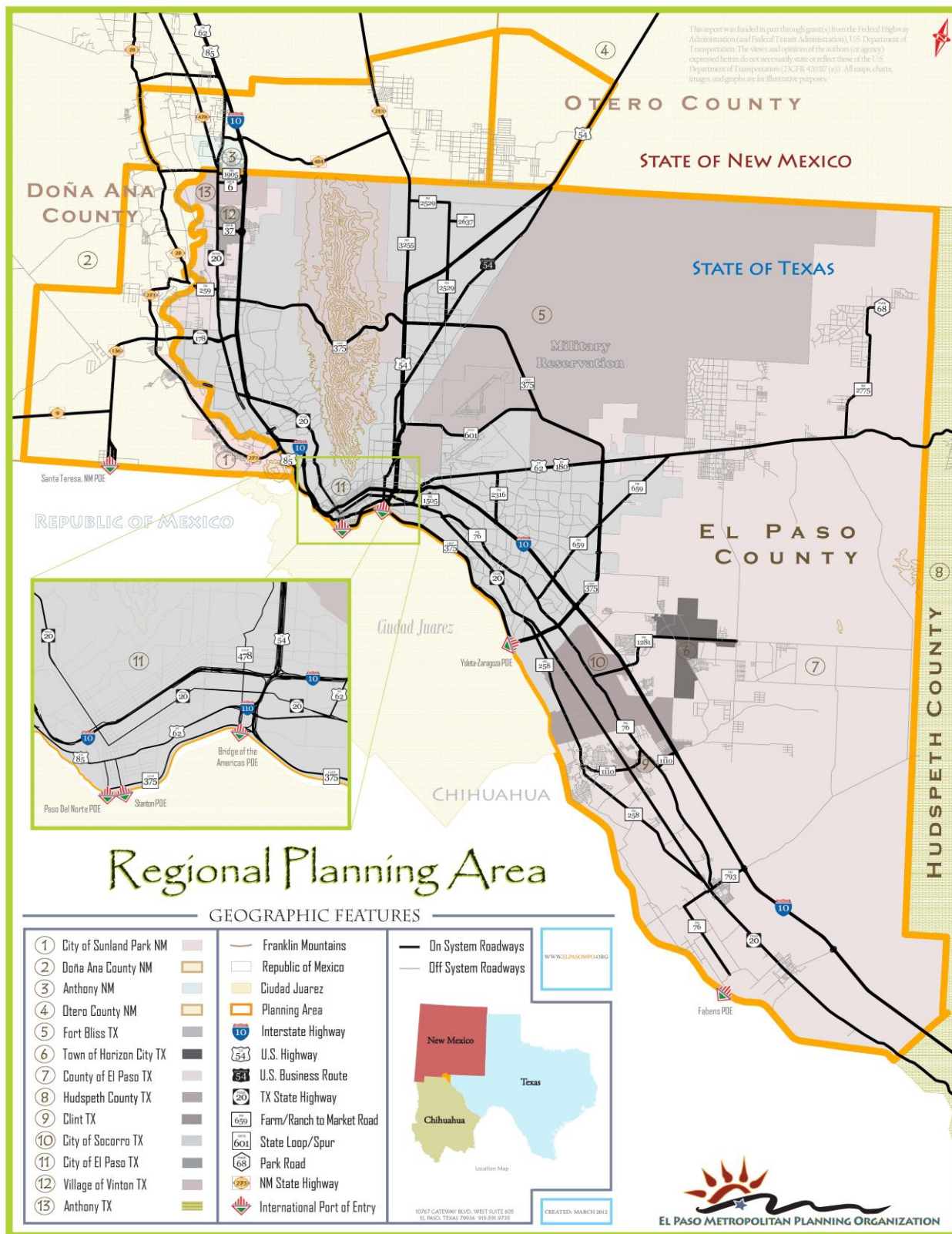
**TRANSPORTATION POLICY BOARD
MEMBERSHIP**

EL PASO MPO TRANSPORTATION POLICY BOARD

Chairperson Oscar Leeser Mayor- City of El Paso, TX	Monica Lombraña Director of Aviation – El Paso International Airport
Vice-Chairman Madeleine Praino Mayor – Village of Vinton, TX	Marisa Marquez Texas State Representative – 77 th District
Emma Acosta City Representative District#3	Ted Marquez Director – Department of Transportation, City of El Paso, TX
Rick Avalos Mayor - Town of Clint, TX	Walter Miller Mayor, Town of Horizon, TX
Jay Banasiak Director, Mass Transit	Joe Moody Texas State Representative – 78 th District
Robert Bielek, P.E. District Engineer – Texas Department of Transportation (TXDOT) – El Paso District #24	Cortney Niland City Representative District 8
César Blanco Texas State Representative, 76 th District	Michiel Noe City Representative – District 5
Arnulfo Castañeda Mayor - Anthony, NM	Steve Norwood Chief Administrator, County of El Paso
Joseph Cervantes New Mexico State Representative, District 31	Javier Perea Mayor – Sunland Park, NM
Trent Doolittle, P.E. District Engineer – New Mexico Department of Transportation (NMDOT)	Joseph C. Pickett Texas State Representative – 79 th District
Veronica Escobar Judge, El Paso County	Vincent M. Perez County Commissioner Precinct #3
David J. Garcia County Commissioner, District 2 - Doña Ana, NM	Jesus Ruiz Mayor – City of Socorro, TX
Bealquin Gomez New Mexico State Representative – District 34	Jose Rodriguez Texas State Senator
Mary E. Gonzalez Texas State Representative – 75 th District	Maya Sanchez Mayor – City of San Elizario, TX
Tommy Gonzalez City Manager – City of El Paso, TX	Michael Medina, CNU-A Executive Director – El Paso MPO
Martine Lerma Mayor – Town of Anthony, TX	

APPENDIX C

METROPOLITAN AREA BOUNDARY MAP



APPENDIX D

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

Title

Date

APPENDIX E

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

Title

Agency

Date

APPENDIX F

CERTIFICATION of COMPLIANCE

Certification of Compliance

I, _____,
(Name and Position, Typed or Printed)

a duly authorized officer/representative of _____

(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.

Date

Chairman, Transportation Policy Board

Attest:

Name

Title

APPENDIX G

EXECUTIVE COMMITTEE MEMBERSHIP

**EXECUTIVE COMMITTEE
FOR THE TRANSPORTATION POLICY BOARD**

Madeleine Praino - Chair

Mayor – Village of Vinton, TX

Emma Acosta – Vice-Chair

City Council Representative, District 3

Robert Bielek, P.E.

District Engineer – Texas Department of
Transportation (TXDOT) – El Paso District #24

Trent Doolittle, P.E.

District Engineer – New Mexico Department
of Transportation (NMDOT)

Walter Miller

Mayor - Town of Horizon, TX

Steve Norwood

Chief Administrator, County of El Paso

Joe Moody

Texas State Representative, 78th District

APPENDIX H

**TRANSPORTATION PROJECT ADVISORY
COMMITTEE MEMBERSHIP**

TRANSPORTATION PROJECT ADVISORY COMMITTEE MEMBERS

Greg McNicol, Chair

University of Texas El Paso (UTEP)

Raul Escobedo

Sun Metro

Jose Landeros, Vice-Chair

County of El Paso

Robert Ortega

Town of Clint, TX

Marty Boyd

Texas Department of Transportation
(TxDOT) - District 24

Harold Love

New Mexico Department of Transportation
(NMDOT) – District 1

Monica Lombraña

City of El Paso

Robert Duran

Doña Ana County, NM

Michelle Padilla

Town of Horizon City, TX

Karina Hernandez

City of Anthony, NM

Madeleine Praino

Mayor – Village of Vinton

Leticia Miranda

City of San Elizario, TX

Martin Lerma

Mayor - Town of Anthony, TX

Robert Coleman

City of Sunland Park, NM

Rene Rodriguez

City of Socorro, TX

Jonathan C. Robertson

Ysleta Del Sur Pueblo

APPENDIX I

TRANSPORTATION FINANCE COMMITTEE
MEMBERSHIP

TRANSPORTATION FINANCE COMMITTEE MEMBERSHIP

Joseph C. Pickett - Chair

Texas State Representative – 79th District

Robert Bielek, P.E.

District Engineer – Texas Department of
Transportation (TXDOT) – El Paso District #24

Jay Banasiak

Director, Mass Transit – Sun Metro

APPENDIX J

**CONGESTION MANAGEMENT PROCESS
COMMITTEE MEMBERSHIP**

CONGESTION MANAGEMENT PROCESS COMMITTEE MEMBERSHIP

Vacant - Chair

County of El Paso

Trent Doolittle, P.E.

New Mexico Department of Transportation (NMDOT)

District Engineer – District 1

Vacant

City of El Paso

APPENDIX K

SUBURBAN MOBILITY COMMITTEE
MEMBERSHIP

SUBURBAN MOBILITY COMMITTEE MEMBERSHIP

Madeleine Praino - Chair

Mayor, Village of Vinton, TX

Rick Avalos

Mayor, Town of Clint, TX

Arnulfo Castañeda

Mayor, Anthony, TX

Martine Lerma

Mayor, Town of Anthony, TX

Walter Miller

Mayor, Town of Horizon, TX

Javier Perea

Mayor, Sunland Park, NM

Jesus Ruiz

Mayor, City of Socorro, TX

Maya Sanchez

Mayor, City of San Elizario, TX

ACRONYMS

ADA	Americans with Disabilities Act
ADT	Average Daily Traffic
BEEP	Bus pool Express El Paso
BOTA	Bridge of the Americas
BRT	Bus Rapid Transit
CAAA	Clean Air Act Amendments
CBD	Central Business District
CBI	Coordinated Border Infrastructure
CMAQ	Congestion, Mitigation, & Air Quality
CMP	Congestion Management Program
CO	Carbon Monoxide
DHDCC	Department Heads Development Coordinating Committee
EMPACT	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
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
TCSP	Transportation, Community and System Preservation
TCEQ	Texas Commission on Environmental Quality
TCM	Transportation Control Measure

TDM	Traffic Demand Model
TEA-21	Transportation Equity Act for the 21 st Century
TIP	Transportation Improvement Program
TMA	Transportation Management Area
TMMP	Texas Metropolitan Mobility Plan
TPB	Transportation Policy Board
TP&P	Transportation Planning and Programming Division, TXDOT Austin
TPAC	Transportation Policy Advisory Committee
TSM	Transportation System Management
TTC	Texas Transportation Commission
TTI	Texas Transportation Institute
TXDOT	Texas Department of Transportation
TWG	Technical Work Group
UPWP	Unified Planning Work Program
UTEP	University of Texas at El Paso
UTP	Unified Transportation Program
VOC	Volatile Organic Compound
VMT	Vehicles Miles Traveled
WTEP	Far West Texas/El Paso Regional Transportation Coordination Committee
WtW	Welfare to Work