

Santa Fe Metropolitan Planning Organization

UNIFIED PLANNING WORK PROGRAM 2009 - 2010



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Santa Fe Metropolitan Planning Organization

Transportation Policy Board

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Bruce Bender, Federal Highway Administration
Claude Morelli, SFMPO Liaison, NMDOT
Greg White, Rail/Transit, NMDOT
Bill Hon, Parking Director, City of Santa Fe
Leroy Pacheco, River, Watershed & Trails Section, City of Santa Fe
Jim Montman, Airport manager, City of Santa Fe
Paul Olafson, Open Space and Trails, County of Santa Fe
Anne Oandasan, NPRPO

MPO Staff

Mark Tibbetts, MPO Officer
Keith Wilson, MPO Senior Planner

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Unified Planning Work Program 2009-2010

Santa Fe Metropolitan Planning Organization

INTRODUCTION

The Santa Fe Metropolitan Planning Organization (MPO) is the transportation planning entity for the existing Urbanized Area of Santa Fe, plus those portions of the surrounding area expected to become urbanized over the next 20 years. The MPO is mandated to meet federal requirements under Title 23 U.S.C. and the Safe, Accountable, Flexible, and Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) that became public law on August 10, 2005.

SAFETEA-LU addresses the many challenges facing our transportation system today – challenges such as improving safety, reducing traffic congestion, improving efficiency in freight movement, increasing intermodal connectivity, and protecting the environment – as well as laying the groundwork for addressing future challenges. SAFETEA-LU promotes more efficient and effective Federal surface transportation programs by focusing on transportation issues of national significance, while giving State and local transportation decision makers more flexibility for solving transportation problems in their communities. A continuing SAFETEA-LU provision states that local officials, in cooperation with the State and transit operators, remain responsible for determining the best transportation investments to meet metropolitan transportation needs.

Some key modifications to the metropolitan planning process under SAFETEA-LU include the following provisions:

- MPOs are encouraged to consult or coordinate with planning officials responsible for other types of planning activities affected by transportation, including planned growth, economic development, environmental protection, airport operations, and freight movement.
- The metropolitan planning process is to promote consistency between transportation improvements and the State and local planned growth and economic development patterns.
- Safety and security of the transportation system are separate planning factors that are to be considered during the metropolitan planning process.

In order to accomplish this task, the MPO engages in a process of public review and comment resulting in the annual Unified Planning Work Program, which outlines, budgets, and guides planning projects and activities for the upcoming fiscal year. The MPO, working in partnership with the New Mexico Department of Transportation (NMDOT), will accomplish its tasks in accordance with federal government regulations and review by the Federal Highway and the Federal Transit Administrations.

SAFETEA-LU will expire at the end of September 2009 and is expected to be replaced by a reauthorized federal transportation funding act in October 2009. In addition to the funding received through the SAFETEA-LU legislation, the Economic Recovery and Reinvestment Act of 2009 provides New Mexico an infusion of federal funds for transportation infrastructure improvements that will also provide stimulus to the

economy through creation of jobs related to those improvements. Proposed projects will be ranked by their readiness for construction and by the number of jobs they will create; they also must be included in the MPO Transportation Improvement Program (TIP)

PURPOSE

The purpose of the Unified Planning Work Program is to outline multimodal transportation planning activities within a financially constrained budget to be conducted in the Santa Fe MPO planning area for the period of July 1, 2009 through June 30, 2010. Federal definition of a Unified Planning Work Program (UPWP) is *“a statement of work identifying the planning priorities and activities to be carried out within a metropolitan planning area. At a minimum, a UPWP includes a description of the planning work and resulting products, who will perform the work, time frames for completing the work, the cost of the work, and the source(s) of funds”*(23CFR450.104)

MPO COMPOSITION

In 1982, the Metropolitan Planning organization was created to represent the City of Santa Fe federally designated urbanized area. Subsequently, transportation planning has been coordinated and addressed through this organization. The Santa Fe Metropolitan FY2000 Census population was 80,337.

Transportation Policy Board

Currently, the MPO is composed of four member governments: the City of Santa Fe, Santa Fe County, Tesuque Pueblo, and the New Mexico Department of Transportation. As a multi-jurisdictional entity, the MPO addresses transportation systems and improvements as it relates to growth management and land use planning issues within the MPO Planning Area (see map on following page). Traffic and transportation system problems often cross jurisdictional boundaries; therefore, the need exists for intergovernmental cooperation in the process. Also, the planning process should become integrated with existing individual government processes, and should have established policies and plans that ensure proper coordination among agencies and stakeholders. Representatives from the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) are non-voting members and participate in an advisory capacity.

The primary duties of the Transportation Policy Board are:

- 1) To serve as a multi-jurisdictional transportation planning forum for cooperative decision making on planning, funding, and implementation of transportation infrastructure, programs, and related matters;
- 2) To provide general policy guidance and direction to the MPO Staff and the Technical Coordinating Committee (TCC);
- 3) To receive and act upon recommendations made by the MPO Staff and Technical Coordinating Committee (TCC);
- 4) To review and take action on all MPO planning work products such as the Public Participation Plan (PPP), Unified Planning Work Plan (UPWP), Metropolitan Transportation Plan (MTP), Transportation Improvement Program (TIP), Area

- Studies/Corridor Plans and proposed amendments to adopted plans and programs;
- 5) To receive and consider public input; and
 - 6) To determine boundaries of the planning area.

Technical Coordinating Committee

The Technical Coordinating Committee (TCC) serves in an advisory capacity to the Transportation Policy Board, with voting representation from Santa Fe County Public Works and Planning /Land Use Departments; City of Santa Fe Public Works (Engineering/Traffic) and Long Range Planning; Santa Fe Trails (Santa Fe Area Transit Service Operator), the North Central Regional Transit District; the Santa Fe Public Schools; Tesuque Pueblo; City/County Regional Planning Authority (RPA) and, the New Mexico Department of Transportation. The TCC has non-voting advisory staff members from FHWA, FTA, and the Northern Pueblos RPO.

The main functions of TCC are to ensure coordination among agencies and to develop policy and project recommendations for the MPO Transportation Policy Board. Other functions are to:

- 1) Review and recommend amendments/updates to MPO Bylaws, the SFMPO Metropolitan Transportation Plan (MTP), Public Participation Plan (PPP), Unified Planning Work Program (UPWP), Transportation Improvement Program (TIP), Area Studies/Corridor Plans and proposed amendments to adopted plans and programs;
- 2) Carry out directives from the Transportation Policy Board;
- 3) Provide routine guidance and at least annually report on the adequacy of the urban transportation planning process;
- 4) Periodically review the MPO Boundary and make recommendations for revisions; and
- 5) Recommend revision of the intergovernmental Joint Powers Agreement for tribal government and any future changes.

SFMPO Study Groups

The SFMPO has created various study groups to gather input, address concerns, and discuss options on issues related to the UPWP tasks. Participants include MPO member staff, community advocates and interested citizens. Advisory information is passed on to the TCC to help inform recommendations to the Policy Board.

Bicycle and Pedestrian Study Group

This group focuses on non-motorized transportation issues and concerns within the MPO Planning Area. Current projects include development maps of preferred bikeways and regional urban trails planning. Participants include representatives from the City of Santa Fe Bicycle and Trails Advisory Committee (BTAC) and the Santa Fe County Citizens' Open Land and Trails Planning Advisory Committee (COLTPAC), the NMDOT, MPO staff, and community advocates.

Rail/Transit Study Group

This group will focus on rail station development, adjacent land uses, and inter-modal connections for both regional commuter and local service.

MTP Study Group

The update of the SFMPO Metropolitan Transportation Plan 2010-2035 requires extensive public input and data gathering. This group will focus on MPO member staff coordination in developing format, discussing issues, and data presentation.

SFMPO Staff

The City of Santa Fe has been designated as the administrative agent of the MPO. The City is responsible for the operational functions, pursuant to requirements outlined within 23 CFR Part 450 Subpart C and 49 CFR Part 613 Subpart A as referenced in SAFETEA-LU. The MPO is responsible, in partnership with the NMDOT, for carrying out transportation planning in the urban area as well as the area expected to become urbanized over the next 20 years. Primary duties of the MPO include, but are not limited to:

- 1) Develop a long-range transportation plan (MTP) a minimum of every five years;
- 2) Develop and publish an annual Unified Planning Work Program (UPWP) which itemizes all transportation planning activities and budget requirements for each annual work period;
- 3) Develop and update at least biennially a financially constrained Transportation Improvement Program (TIP) for the MPO area;
- 4) Program the administration of transportation planning and multimodal planning funds, and contract administration for these and other funds as necessary;
- 5) Review projects within the MPO Planning Area for compliance with the Metropolitan Transportation Plan and impact on the Santa Fe traffic model.
- 6) Organize meetings and develop agendas for the SFMPO Technical Coordinating Committee and Transportation Policy Board; and
- 7) Maintain the MPO Intelligent Transportation Systems (ITS) architecture.
- 8) Coordinate with NMDOT and FHWA planning staff.
- 9) Document compliance with SAFETEA-LU requirements and the federal self-certification process.
- 10) Provide MPO transportation planning training information for the Technical Coordinating Committee (TCC) and the Transportation Policy Board (TPB)

The MPO Director is an employee of the City of Santa Fe and is vested with the responsibility of serving as principal staff person for the Transportation Policy Board and secretary of the Technical Coordinating Committee. The MPO Director supervises the transportation planning process.

Santa Fe MPO Staff includes:

Mark S. Tibbetts (MPO Director) and Keith Wilson (MPO Senior Planner). An additional staff member or contractor support is anticipated for FY 2010 to assist with technical programs including the travel demand model, ITS coordination, GIS applications, and the Traffic Count Program. Administrative

support is provided through a half-time position from the Long Range Planning Division of the Housing and Community Development Department.

NMDOT Planning Liaison(s)

NMDOT assigns a staff planning liaison to work with the SFMPO and local governments. Primary duties of the Planning Liaison are:

- 1) To serve as a liaison to the Transportation Policy Board, TCC and MPO staff;
- 2) To provide technical assistance for the development and implementation of the Transportation Improvement Program;
- 3) To monitor work progress, contracting and billing procedures and coordinate refinements with MPO staff; and
- 4) To assist in program management through the maintenance of current records of expenditures, the reimbursement of funds, the relaying of information, and the channeling of direction from FHWA, FTA, and NMDOT.

Current NMDOT planning liaison staff to the Santa Fe MPO include: Claude Morelli (MPO Liaison) and Greg White (NMDOT Rail and Transit Division).

Northern Pueblo Regional Planning Organization

The Northern Pueblos Regional Planning Organization is a transportation planning organization for Rio Arriba County and Taos County, Los Alamos County and Santa Fe County. The NPRPO membership includes staff from cities and the four counties, the pueblos of Tesuque, Picuris, Santa Clara, San Ildefonso, Nambe, Pojoaque, Taos, Ohkay Owingeh, the Jicarilla Apache Nation, and the NMDOT. The NPRPO elicits projects for multi-modal transportation and enhancement improvements from its members and recommends them for inclusion into the 4-year Statewide Transportation Improvement Program (STIP). The North Central New Mexico Economic Development District (NCNMEDD) is the fiscal agent for the NPRPO. The MPO and RPO will have direct communication to coordinate transportation planning activities on projects that impact both organizations.

Santa Fe Regional Planning Authority

The Santa Fe City/County Regional Planning Authority (RPA) comprised of four City Councilors and four County Commissioners was set up to provide a forum for deliberation on matters of joint interest to the City and County. The RPA studies and makes policy on such matters including, but not limited to implementation of the RPA Land Use Plan and Map, mutually agreed upon zoning issues, coordination of City and County and RPA Capital Improvement Plans, integrated transportation and transit plans and infrastructure financing. The City and County have agreed to plan and implement and provide oversight for expanded transit services in Santa Fe City and County, and have designated the RPA to oversee the creation, planning, and implementation of regional networks for public transit services.

FUNDING SOURCES

The program areas in the FY 2009-10 Unified Planning Work Program are funded from federal, state and local sources. Federal funds are provided through the FHWA for basic surface transportation planning including the MPO Traffic Count Program, and the FTA for public transportation related planning activities.

Specific funding sources are presented for each UPWP program area. The funds shown may be amended as necessary to reflect modifications to a program's scope of work and changes in funding availability. (See Budget Summary at end of document)

2010.1 – MANAGEMENT AND SUPPORT OF THE PLANNING PROCESS

2010.1.1 Program Support and Administration

Objectives:

Program support and administration includes activities necessary for the management and operation of the MPO. This includes basic overhead, administrative costs, program support such as budget and financial management, and annual and quarterly reporting.

Previous Work:

1. Completion of Quarterly and Annual Reports.
2. Development of Budgets and Financial Management.
3. Attended Training on Administrative Financing of Special Planning Funds.

Programs:

1. Management of the transportation planning contract with the NMDOT including:
 - Preparation of Quarterly and Annual Reports and Contract invoicing.
 - MPO Staff supervision and work assignments.
 - Attendance at quarterly MPO Transportation Planning Program Managers meetings.
2. Review of Federal and State transportation programs and other documents as required.

Products:

1. Administration of contract.
2. Quarterly and Annual Reports.

2010.1.2 Unified Planning Work Program

Objectives:

To develop an UPWP that reflects the recommendations and priorities outlined in the MTP. The document outlines all planning and administrative activities that will be undertaken by the MPO during the upcoming federal fiscal year.

Previous Work:

1. Creation and Adoption of the FY2009/2010 UPWP.
2. Monitoring of UPWP tasks.

Programs:

1. MPO staff will develop and have approved a FY2010/2011 UPWP by April of 2010.
2. Monitoring of activities identified in the FY2009/2010 UPWP
3. Draft FY2010/2011 UPWP posted on the SFMPO website for public review.
4. The approved FY2010/2011 UPWP posted on the SFMPO website for public review.

Products:

1. Approved FY2010/2011 UPWP.

2010.1.3 Transportation Improvement Program Preparation and Project Assistance

Objectives:

To develop and monitor a multi-year program of transportation improvement projects that is consistent with the Metropolitan Transportation Plan and fiscally constrained. To produce a Transportation Improvement Program (TIP) that is in compliance with the Statewide Transportation Improvement Plan (STIP). To work with the SFMPO Technical Coordinating Committee (TCC) and Transportation Policy Board (TPB) members to prioritize projects. To prepare TIP Amendments or Adjustments as required.

Previous Work:

1. Development and Endorsement of the 2010-2013 TIP.
2. Incorporated the American Recovery and Reinvestment Act funding into the TIP.
3. Tracking of the status of obligated projects.

Programs:

1. Develop a new system/procedure for soliciting and tracking new, existing, and past projects.
2. Develop a new format for displaying the TIP similar to that used by the NMDOT and MRCOG.
3. Solicit project requests from the public and governmental agencies for amendments to the 2010-2013 TIP.
4. Work with the SFMPO TCC and TPB to prioritize projects to develop a fiscally constrained TIP in conformance with the Metropolitan Transportation.
5. Submit the approved TIP to NMDOT for inclusion in the STIP
6. Facilitate any required adjustments or amendments to the TIP
7. Draft and amended 2011/2014 TIP's will be posted on the SFMPO website for public review.
8. The approved FY2011/2014 TIP will be posted on the SFMPO website.
9. Keep track of the status of obligated projects from previous TIP's

Products:

1. Amended FY2010-2013 TIP.
2. Updated List of Obligated TIP Projects.
3. A new system to solicit and track TIP projects.
4. New TIP format similar to NMDOT STIP.

2010.1.4 Compliance with the Federal Transportation Funding Act (SAFETEA-LU)

Objectives:

To ensure the SFMPO is meeting the requirements as specified for compliance with the SAFETEA-LU and subsequent reauthorized legislation of the Federal Transportation Funding Act.

Previous Work:

1. In process of completing requirements and recommendation of certification special review.
2. MPO Bylaws reviewed and amended.
3. MPO Planning Area revised to include Tesuque Pueblo.

Program:

1. Continue to support and improve provisions specified under SAFETEA-LU in the following categories: Annual Listing of Projects; Fiscal Constraint; Environmental Mitigation Activities; Consultation and Cooperation; Public Transit Element; Transportation Facilities; Interested Parties and Participation; and, Safety and Security. Strategies and policies will be assessed and included in the 2010 MTP Update, amended 2010-2013 TIP, 2010/2011 UPWP and other federally required documents.
2. Complete Self Certification of the SFMPO.

Products:

1. Planning documents in conformance with Federal Transportation Planning Legislation.
2. Completion of Self Certification.

2010.1.5 Implementation of the MPO membership and Structure Study

Objectives:

To implement recommendations from the SFMPO Membership and Structure Study that will improve the operations and representation of the MPO while continuing to improve the planning process.

Previous Work:

1. MPO Bylaws reviewed and amended.
2. MPO Planning Area revised to include Tesuque Pueblo.
3. Transportation Policy Board membership expanded-adding Tesuque Pueblo and the New Mexico Department of Transportation.

Programs:

1. Analyze financial contributions from member agencies and evaluate relocation of SFMPO staff offices to an independent location.
2. Analyze financial contributions from member agencies and evaluate reporting structure for SFMPO staff.
3. Revise SFMPO boundary to encompass the contiguous areas that are reasonably expected to urbanize within the next 25 years. This boundary should coincide with the rationally-developed Transportation Analysis Zones (TAZs) used in the Santa Fe traffic model. SFMPO staff will work with each of the member agencies to identify and modify analysis zones that fall outside the area reasonably expected to urbanize based on County and Tesuque Pueblo growth management plans.
4. Implement recommended additions to TPB membership.
5. Implement recommended additions to TCC membership.
6. Analyze financial contributions from member agencies. To meet the minimum functional requirements, at least one additional, full-time staff planner technician position should be added to the SFMPO. The functions of the SFMPO that specifically need to be expanded with the support of additional staff include: creation and coordination of a regional traffic count program, management of the Santa Fe traffic model and assorted data collection, implementation of the Intelligent Transportation System (ITS) architecture, etc.
7. Analyze and implement the following operational considerations to further strengthen the SFMPO and increase its effectiveness:
 - Assign Staff representatives of each member entity to attend MPO meetings
 - Develop staff directory.
 - Develop an Annual Staff Evaluation Process.
 - Evaluate potential use of Federal and State Funds (e.g. SPR, STP, and FTA) by all stakeholders.
 - Revise current UPWP and future UPWPs to include a detailed account of Staff Time for each Planning Work Task.
 - Compliance with all federal regulations and requirements and the findings of the Special Planning Review dated September 20, 2006.

- Joint Powers Agreement (JPA) needs to authorize the TPB to oversee, manage, review and approve the activities, assignments, expenditures, operations and products of the SFMPO.
- Financial Billing and Invoice review and approval will remain with NMDOT for the Federal Funding Share after TPB recommendation(s).

Products:

1. Office location and fiscal agent issues resolved.
2. Revised staff reporting process.
3. Equitable financial contributions from each SFMPO member agency.
4. Revised SFMPO boundary.
5. Revised TPB & TCC membership.
6. Additional SFMPO staff position created, funded, and filled.
7. Revision of SFMPO practices to address the Operational Considerations.
8. Various work products resulting from public Study Groups.
9. Program developed for staff, TPB, and TCC trainings.
10. Establish SFMPO "Quarterly Updates".

2010.1.6 Public Participation Process

Objectives:

The Santa Fe MPO will actively involve the public in all relevant projects, activities, and public meetings pursuant to the New Mexico Open Meetings Act, the MPO Public Participation Plan and MPO Bylaws, an annual approved meeting schedule of MPO Technical Coordinating Committee and Transportation Policy Board meetings, and applicable federal regulations. The MPO will continue maintain a Santa Fe MPO website in order to maximize public outreach.

Previous Work:

1. Development of SFMPO Website [www.santafemppo.org].
2. Staffing of SFMPO TCC, TPB and Bicycle/Pedestrian Study Group.
3. Distribution of Meeting Agenda's and Minutes for the SFMPO TCC and TPB.
4. Creation and Distribution of meeting minutes and agendas for other SFMPO committees.

Programs:

1. Distribution of Public Notices.
2. Staffing of SFMPO TCC and TPB.
3. Development and distribution of Meeting Agenda's and Minutes for the SFMPO TCC and TPB.
4. Maintenance and update of SFMPO website to make MPO materials more accessible to and functional for the Public.
5. Review and update of the SFMPO Public Participation Plan.

Products:

1. Up to date and functional SFMPO Website.
2. Up to date Public Participation Plan.
3. Distributed Meeting agendas and minutes for the SFMPO TCC and TPB.

2010.2 DATA COLLECTION AND ANALYSIS ACTIVITIES

2010.2.1 Traffic Counting and Additional Data Collection

Objectives:

To conduct, or have conducted, annual traffic volume and classification traffic counts on arterials, collectors, and regionally significant roads within the MPO Planning Area to assist with the assessment of annual growth and traffic changes for land use planning and impacts from local and regional transit and commuter rail service development. To collect pertinent data to assist with the improvement of the base year input for the travel demand forecast model as well as for validation of forecasts.

Previous Work:

1. Traffic Count Maps for 2004 through 2008.

Programs:

1. Conduct a comprehensive review of the Existing Traffic Count Program.
2. Develop a City, County, NMDOT Coordinated Traffic Count Program.
3. Participate in the NMDOT Consolidated Traffic Database Research Project.
4. Create a Traffic Count Map for Data collected in 2009.
5. Develop a database of past and present traffic counts to assist with the calculation of annual growth rates and evaluation of traffic changes.
6. Explore ways to display or make available traffic count data using the SFMPO website.
7. Conduct other data collection activities necessary to support the SFMPO Transportation Planning Activities.

Products:

1. Multi-year program for conducting traffic volume and classification counts.
2. 2009 Traffic Count Map
3. Database containing past and present traffic count data.
4. Data available to public via the SFMPO website.

2010.2.2 Road Inventory and Functional Classification Updates

Objectives:

Continue to monitor and make recommendations in coordination and cooperation with NMDOT concerning the functional classification system to ensure consistency with the statewide functional classification listing.

Programs:

1. Cooperate with NMDOT on any required updates to the Functional Classification system within the SFMPO urbanized area.
2. Bring any updates to the Functional Classification system for endorsement of the TCC and TPB.

Products:

1. Updated Functional Classification system for the Santa Fe Metropolitan Planning Area.

2010.2.3 Travel Demand Modeling and Related Activities

Objectives:

Travel Demand Models are a major analytic tool for MPOs. The model is used to guide investment decisions in the Metropolitan Transportation Plan and the Transportation Improvement Program, and for project analysis that may be requested of the MPO staff. The Travel Demand forecast model compares a “no build” transportation network to a transportation network that includes investment options (infrastructure projects and service programs). They can also be used to assess the impacts of land use decisions and plans on the transportation network by using different land use scenarios as data sets to the model. Rail Runner stops and transit routes will be included in the update.

Past Work:

1. Transportation Analysis Zones map revised to include Tesuque Pueblo.
2. VISUM Travel Demand model updated to include revised socio-economic forecast data and road network changes.
3. VISUM Travel Demand model updated to include a model split analysis.

Programs:

1. Conduct a review of Forecast land use and demographic datasets.
2. Utilize the Travel Demand model to analyze different scenarios for inclusion in the MTP.
3. Utilize the Travel Demand model to assist with traffic forecasts for specific corridor studies.

4. Create simulation visualizations using VISSIM software of Travel Demand model scenarios for public presentations.
5. Procure staff training in VISUM and VISSIM software packages.
6. Monitor developments of the 2010 Census and resulting CTPP.

Products:

1. Updated Travel Demand Model.
2. Modeled scenarios for use in the MTP.
3. Modeled visualizations of different scenarios.

2010.2.4 Maintenance and Deployment of ITS Regional Architecture

Objectives:

Intelligent Transportation Systems architecture is a collection of advanced sensor, computer, electronic, and communication technologies to improve the safety and efficiency of the surface transportation systems. ITS will improve safety, reduce congestion and travel times, provide weather information, manage special events traffic, coordinate emergency evacuations, and facilitate multimodalism. Improving deployment of the architecture through continuing efforts of partners as well as in coordination with adjacent local and tribal governments is a key objective.

Past Work:

1. In fiscal year 2005-06, SF MPO, in collaboration with the City of Santa Fe, Santa Fe County, NMDOT and FHWA, completed the Santa Fe Regional ITS Architecture.

Programs:

1. Work with the City of Santa Fe, Santa Fe County, NMDOT and FHWA to produce an update of the Santa Fe Regional ITS Architecture.
2. Work with the City of Santa Fe, Santa Fe County, NMDOT and FHWA to ensure that ITS elements are considered and deployed where necessary.

Products:

1. Updated Regional ITS Architecture.

2010.2.5 Geographic Information Systems

Objectives:

To utilize GIS products developed in cooperation with the City of Santa Fe to enhance presentations, both verbal and written, by the MPO staff.

Past Work:

1. Published Traffic Count Maps for 2004 through 2008.
2. Published SFMPO Bikeway Maps.

Programs:

1. Update Traffic Count Map for 2009.
2. Update SFMPO Bikeways Map.
3. Utilize GIS data to develop mapping products for the MTP document.
4. Utilize GIS products to enhance MTP presentations.
5. Post mapping products where feasible to the SFMPO website.

Products:

1. Traffic Count Map for 2009.
2. Updated SFMPO Bikeway Map.
3. Mapping products for presentations and inclusion in the MTP.

2010.3 TRANSPORTATION PLANNING ACTIVITIES AND INITIATIVES

2010.3.1 Update of the Long Range Metropolitan Transportation Plan

Objectives:

An update of the MTP is required every five years with the next update due to cover the years 2010 to 2035. It is the SFMPO intention to gather and review input from as large a cross section of the Metropolitan Planning Area as possible conducting several public information meetings and conducting presentations at interested organizations. To create a MTP that reflects the needs of the Santa Fe Metropolitan Planning Area.

Past Work:

1. Publication of the Metropolitan Transportation Plan 2005-2030.

Programs:

1. Initiate SFMPO MTP Study Groups to help guide the development of the MTP update.
2. Conduct several Public Meetings to solicit input on the needs of the Metropolitan Planning Areas transportation network.
3. Work to identify and meet with key stakeholders, such as Chamber of Commerce, Disability Groups, etc. to solicit input on their needs of the Metropolitan Planning Areas transportation network.
4. Coordinate with the agency staff and SFMPO organized Study Groups to solicit input on the needs of the Metropolitan Planning Area transportation network.

5. Utilize where necessary the services of private consultants to assist with the development and production of the MTP.
6. Work with the TCC and TPB on the development and publication of the MTP.
7. Drafts of the MTP will be posted on the SFMPO website for public review.
8. The Approved MTP will be posted on the SFMPO website.
9. Staff will attend pertinent development review meetings for projects that will have a significant impact on the transportation network within the Metropolitan Planning Area.
10. Utilize VISSIM simulation modeling as a presentation tools.
11. Utilize GIS products as presentation tools and visualizations within the MTP report.

Products:

1. Approved and published MTP 2010-2035.

2010.3.2 Participation in and Review of NMDOT Studies

Objectives:

Continue to participate and assist with the planning and data gathering in coordination with the TCC and NMDOT District 5 for three major corridor studies that surround the core transportation network of the MPO. The studies include:

- **I-25**, from the NM599 interchange to the Old Pecos Trail interchange;
- **NM 599**, from its termini at NM 14 and at US 84/285; and,
- **St. Francis Drive** from Rabbit Road to the South Tesuque exit on US84/285.

Coordination of these studies is critical in determining future project justification and funding priorities.

Past Work:

1. Attended Project Management Team and Public meetings related to each Corridor Study.
2. Provided travel demand modeling assistance for each Corridor Study.

Programs:

1. Attend relevant meetings associated with each Corridor Study.
2. Provide relevant input and analysis for each Corridor Study.
3. Ensure outcomes of the studies meet the relevant requirements for future project justification and funding priorities.

Products:

1. Identified projects that conform to funding priorities and are in line with the recommendations of the MTP.

2010.3.3 Participation in and Review of City and County Studies

Objectives:

Continue to participate and assist with the planning and data gathering in coordination with the TCC and the relevant City or County Agency coordinating studies whose outcome will have impacts on the Transportation Network within the Metropolitan Planning Area. Coordination of these studies is critical in determining future project justification and funding priorities. Current studies include:

- **Northwest Quadrant Study** (City of Santa Fe), which involves a comprehensive review of current and future travel conditions of an area bounded by NM 599 to the north and west, and St. Francis Drive to the east.
- **Siler Road Bridge and Road Extension Construction** (City of Santa Fe and Santa Fe County), which involves the construction of a river crossing to enhance north/south transportation connections. The SFMPO staff collaborated with the City and County to study travel patterns using the VISUM software. SFMPO staff now has an interest in determining if the VISUM model outputs reflect the reality once the bridge construction is completed.
- **Las Soleras TOD development**
- **Zia Road/ St. Francis Drive TOD development**
- **Other land development projects that significantly impact the MTP**

Past Work:

1. Attended preliminary meetings related to each Corridor Study.
2. Provided travel demand modeling assistance for each Corridor Study.

Programs:

1. Attend relevant meetings associated with each Corridor Study or significant development proposal
2. Provide relevant input and analysis for each Corridor Study or significant development proposal..
3. Ensure outcomes of the studies meet the relevant requirements for future project justification and funding priorities.

Products:

1. Future projects that conform to funding priorities and are in line with the recommendations of the MTP.

2010.3.4 Safety Initiatives

Objectives:

To identify and utilize available crash data to determine hazardous locations or sections of roadway within the Metropolitan Planning Area. Use the identified hazardous locations to determine future transportation planning safety initiatives.

Previous Work:

1. Staff attended a Safety Summit workshop.
2. Staff attended a Workshop on Safe Routes to School.

Programs:

1. Meet with State and Local officials to identify available crash data and completed analysis to prevent duplication of efforts.
2. Analyze available crash data and create a ranked list of the hazardous locations.
3. Advocate for the inclusion and analysis of Roundabout options as part of any study of intersection safety mitigation measures.
4. Create GIS mapping products showing the hazardous locations.
5. Identify future planning initiatives based on the results of the crash analysis.
6. Create a report outlining the process and findings of the analysis.

Products:

1. Report providing a prioritized list of the most hazardous locations in the Santa Fe Metropolitan Planning Area.
2. Identified future planning initiatives.

2010.3.5 Congestion Management Initiatives

Objectives:

To identify existing congested corridors and “bottlenecks” within the Metropolitan Planning Area and identify future planning initiatives to mitigate identified area. To utilize the travel demand model to identify future congested corridors and “bottlenecks” so that a proactive approach can be taken with future planning initiatives. Identify ways to divert freight traffic away from St. Francis Drive to NM599.

Previous Work:

1. Transportation Analysis Zones map revised to include Tesuque Pueblo.
2. VISUM traffic model updated to include revised socio-economic forecast data and road network changes.
3. VISUM traffic model updated to include a model split analysis.
4. Participation in the NM599 Corridor Study.
5. Participation in the St. Francis Drive Corridor Study.

6. Participation in the I-25 Corridor Study.
7. Participation in the Northwest Quadrant Study.
8. Participation in the Siler Road Bridge and Road Extension Study.
9. Staff attended a workshop on Multimodal Freight Forecasting.

Programs:

1. Work with NMDOT and FHWA on obtaining funding to study "Bottlenecks".
2. Investigate ways to collect travel time data along major corridors and if deemed feasible collect travel time data along those corridors.
3. Utilize existing and future data to identify congested corridors and "Bottlenecks".
4. Use the travel demand model to identify future congested corridors and "Bottlenecks".
5. Work with NMDOT and Truck Companies to identify reasons for route choice through the Metropolitan Planning Area and identify ways to divert that freight traffic from major arterials through the Metropolitan Planning Area to NM599.
6. Create educational materials on roundabouts.
7. Advocate for the inclusion and analysis of roundabout options as part of any study of congestion mitigation measures.
8. Utilize VISSIM simulation model to produce visualization products for public presentations.
9. Develop future planning initiatives based on the findings of the analysis.
10. Create GIS mapping products showing the existing and future congested locations.
11. Create a report outlining process and findings of the analysis.

Products:

1. Report providing a list of identified existing and future congested locations in the Santa Fe Metropolitan Planning Area.
2. Educational materials on roundabouts.
3. Visualization products on congestions.
4. Identified future planning initiatives.

2010.3.6 Review of Metropolitan Transit and Rail Services

Objectives:

To continue to facilitate and coordinate planning efforts between Santa Fe Trails, the Regional Planning Authority, and the North Central Regional Transit District (NCRTD). To continue to facilitate and coordinate planning efforts between the New Mexico Rail Runner and the Transit agencies. To provide planning and computer modeling assistance to Santa Fe Trails as necessary to facilitate coordination of local and regional transit with commuter rail service.

Previous Work:

1. Added modal split analysis to VISUM traffic model.
2. Selected preferred locations for an additional Rail Runner station within the Metropolitan Planning Area.
3. Provided MPO staff support to the SFMPO Rail/Transit Study Group.

Programs:

1. Facilitate discussions between Santa Fe Trails, Regional Planning Authority and NCRTD to ensure continuity of services throughout the Metropolitan Planning Area.
2. Provide planning and travel demand model assistance to Santa Fe Trails as necessary to facilitate coordination of local and regional transit with commuter rail service.
3. Attend meetings, where relevant, of the Transit Advisory Board (TAB) which addresses services of the Santa Fe Trails.
4. Participate in planning of multimodal transportation activities including, but not limited to, the commuter rail corridor, the City Rail Yard pertaining to transportation, the development of plans for a future downtown transit facility, the NM Park and Ride Transit services, and promotion of "Alternatives to SOV Travel" events.
5. Study the feasibility of local Rail Runner Service between the Santa Fe Depot and the NM 599 Station.
6. Facilitate discussions that can lead to the opening of the Rail Runner Zia Station.
7. Provide MPO staff support to the SFMPO Rail/Transit Study Group which will focus on rail stations development, adjacent land uses, and inter-modal connections for both regional and local services.
8. Coordinate with NMDOT Rail/Trail Bureau to integrate the Coordinated Public Transit-Human Services Transportation Plan into the MPO Planning Process.
9. Help in design and production costs of a brochure that assists Rail Runner Express passengers in transitioning to local and regional transit providers.

Products:

1. Update brochure to assist Rail runner passenger transition to local and regional transit services.
2. Involvement in multimodal transportation activities.
3. Integration of the Coordinated Public Transit-Human Services Transportation Plan into the MPO Planning Process.
4. Feasibility of local Rail Runner Service between the Santa Fe Depot and the NM 599 Station.
5. Progress towards opening Zia Station.

2010.3.7 Pedestrian and Bicycle Initiatives (Complete Streets)

Objectives:

To study issues and be involved in initiatives related to non-motorized travel within the Metropolitan Planning Area, including but not limited to, the “Complete Streets” concept, City and County trail system connections and Bike to Work Week.

Past Work:

1. Provided MPO staff support to the SFMPO Bicycle and Pedestrian Study Group.
2. Attended when appropriate meetings of the NMDOT Bicycle, Pedestrian and Equestrian Committee.
3. Published revised SFMPO Bikeway Map for 2008
4. Attended a workshop on Safe Routes to School.
5. Attended a Safety Summit Workshop.
6. Provided support for Bike to Work Week activities

Programs:

1. Provide MPO staff support to the SFMPO Bicycle and Pedestrian Study Group which focuses on non-motorized transportation issues and concerns within the Metropolitan Planning Area.
2. Develop a “Master Plan” of bicycle and pedestrian facilities to be incorporated into the update of the MTP.
3. Investigate the “Complete Streets” concept and look into its applicability to the Metropolitan Planning Area.
4. Sponsor or participate in a presentation or workshops on the “Complete Streets” concept.
5. Attend meetings where relevant, of the Santa Fe BTAC and Santa Fe County COLTPAC committees.
6. Attend meetings when appropriate of the NMDOT Bicycle, Pedestrian and Equestrian Committee.
7. Participate in the annual Bike to Work Week activities and promote additional “Alternatives to SOV Travel” events.
8. Update the SFMPO Bikeway Map as necessary.
9. Utilize the SFMPO website to disseminate information on Bicycle and Pedestrian Issues.

Products:

1. Educational information on the “Complete Streets” concept.
2. “Master Plan” of Bicycle and Pedestrian Facilities with the MPO Planning Area.
3. Input on Bicycle and Pedestrian issues from the SFMPO Bicycle and Pedestrian Study Group.
4. Updated SFMPO Bikeway Map.

2010.3.8 Education, Outreach and Coordination Activities

Objectives:

To participate in local, regional and statewide efforts to promote coordination among the SFMPO, Regional Planning Organizations (RPO's), the North Central Regional Transportation District (NCRTD), NMDOT and FHWA. To present information created either through these interregional efforts or through the SFMPO unified planning work program to agencies, professional organizations, or conferences. To allow staff to attend technical/professional workshops, trainings or conferences to enhance professional skills and knowledge.

Past Work:

1. Participated in workshops or trainings in Safe Route to Schools, Multi-modal Freight Forecasting, Administrative Financing of Special Planning Funds and a Safety Summit.

Programs:

1. Attend relevant local, regional and statewide efforts to promote coordination among the SFMPO, Regional Planning Organizations (RPO's), the North Central Regional Transportation District (NCRTD), NMDOT and FHWA.
2. Attend all relevant workshops, trainings and conferences to enhance staff professional skills and knowledge.
3. Conduct public presentations to inform local and regional advocacy groups, transportation professionals, and public officials about statewide and interregional transportation planning efforts, funding issues, or innovative programs.

Products:

1. State and interregional agreements about transportation planning and funding as appropriate.
2. A public well informed about transportation planning efforts, funding, and innovative programs.

FY2009-2010 SFMPO BUDGET SUMMARY

Budget Summary by Funding Sources and Tasks - FY2009-2010					
FUNDING SOURCE	FUNDS	COMMENTS			
FHWA (Section 112 PL Funds)					
FY08-09 MPO Planning Funds	\$ 50,886	Unspent Funds carried over from FY2008-2009 UPWP Year			
COSF Required Match	\$ 8,671	14.56% Local Match			
FY09-10 MPO Planning Funds	\$ 126,309	Regular distribution of funds for FY2009-2010 UPWP Year			
COSF Required Match	\$ 21,525	14.56% Local Match			
Unobligated MPO Planning Funds	\$ 123,756	One time distribution of previously Unobligated PL Funds			
COSF Required Match	\$ 21,090	14.56% Local Match			
Total Section 112 PL Funds	\$ 300,951				
Total COSF Required Match	\$ 51,286	14.56% Local Match			
TOTAL	\$ 352,236				
FTA (Section 5303 PL funds)					
FY08-09 MPO Planning Funds	\$ 19,728	Unspent Funds carried over from FY2008-2009 UPWP Year			
COSF Required Match	\$ 4,932	20% Local Match			
FY09-10 MPO Planning Funds	\$ 34,889	Regular distribution of funds for FY2009-2010 UPWP Year			
COSF Required Match	\$ 8,722	20% Local Match			
TOTAL Section 5303 PL Funds	\$ 54,617				
Total COSF Required Match	\$ 13,654	20% Local Match			
TOTAL	\$ 68,271				
TOTAL PL FUNDS	\$ 355,567				
Total COSF required match	\$ 64,940				
TOTAL BUDGET	\$ 420,507				
TASK					
	2010.1	2010.2	2010.3		
FUNDING SOURCE				TOTALS	COMMENTS
FHWA (Section 112 PL Funds)	\$ 35,224	\$ 70,447	\$ 246,565	\$ 352,236	Includes 14.56% Local Match
FTA (Section 5303 PL Funds)	\$ 6,827	\$ 13,654	\$ 47,790	\$ 68,271	Includes 20% Local Match
TOTALS	\$ 42,051	\$ 84,101	\$ 294,355	\$ 420,507	
% of Funding	10%	20%	70%		
FHWA - Federal Highway Administration					
FTA - Federal Transit Administration					
COSF - City of Santa Fe					

TASKS

2010.1 – MANAGEMENT AND SUPPORT OF THE PLANNING PROCESS

- 1.1 Program Support and Administration
- 1.2 Unified Planning Work Program
- 1.3 Transportation Improvement Program Preparation and Project Assistance
- 1.4 Compliance with the Federal Transportation Funding Act (SAFETEA-LU)
- 1.5 Implementation of the MPO Membership and Structure Study
- 1.6 Public Participation Process

2010.3 – TRANSPORTATION PLANNING ACTIVITIES AND INITIATIVES

- 3.1 Update of the Long Range Metropolitan Transportation Plan
- 3.2 Participation and Review of NMDOT Studies
- 3.3 Participation and Review of City and County Studies
- 3.4 Safety Initiatives
- 3.5 Congestion Management Initiatives
- 3.6 Review of Metropolitan Transit and Rail Services
- 3.7 Pedestrian and Bicycle Initiatives (Complete Streets)
- 3.8 Education, Outreach and Coordination Activities

2010.2 – DATA COLLECTION AND ANALYSIS ACTIVITIES

- 2.1 Traffic Counting and Additional Data Collection
- 2.2 Road Inventory and Functional Classification Updates
- 2.3 Travel Demand Modeling and Related Activities
- 2.4 Maintenance and Deployment of ITS Regional Architecture
- 2.5 Geographic Information Systems