

Centre County Metropolitan Planning Organization (CCMPO)

Unified Planning Work Program (UPWP)

Fiscal Year (FY) 2008-09

(July 1, 2008 – June 30, 2009)

Prepared by:

Centre Regional Planning Agency (CRPA)

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**CCMPO FY 2008-09 UPWP
PROSPECTUS**

PURPOSE

The Unified Planning Work Program (UPWP) lists the transportation planning activities to be completed by the Centre County Metropolitan Planning Organization (CCMPO) between July 1, 2008 and June 30, 2009. Preparation of this document is a required element of federal metropolitan transportation planning regulations.

INTRODUCTION

Federal law and regulations require that in all urbanized areas with a population of over 50,000 persons, local and state officials work cooperatively to maintain a continuous and comprehensive long-range transportation planning program. This federal mandate is carried out by a formal group called a "metropolitan planning organization (MPO)".

The Centre Region MPO was formed in 1982, and succeeded the Centre Region Area Transportation Study (CRATS), which had previously been responsible for conducting long-range transportation planning in the State College, Pennsylvania area. By 2003, the Centre Region MPO coordinated transportation planning efforts in the geographic area which included Benner, College, Ferguson, Halfmoon, Harris, Patton, and Spring Townships, Bellefonte Borough, and State College Borough in Centre County, Pennsylvania. In November 2003, the Centre Region MPO Coordinating Committee expanded the MPO to a countywide organization, effective in January 2004. The boundary of the CCMPO now includes all of Centre County.

The CCMPO works closely with the Pennsylvania Department of Transportation (PennDOT) and the Centre Area Transportation Authority (CATA) to identify and prioritize transportation improvement projects in Centre County.

COMMITTEE STRUCTURE

The policy-making body of the CCMPO is the Coordinating Committee, which is ultimately responsible for the transportation planning activities mandated in federal laws and regulations. The Coordinating Committee includes nineteen voting members from county and local government, public agencies, and PennDOT.

Voting members include:

Centre County (2 members)	Benner Township
College Township	Ferguson Township
Halfmoon Township	Harris Township
Patton Township	Spring Township
State College Borough	Penns Valley Planning Region
Lower Bald Eagle Valley Planning Region	Moshannon Valley Planning Region
Upper Bald Eagle Valley Planning Region	Mountaintop Planning Region
Centre Area Transportation Authority	Centre Regional Planning Commission
PennDOT Central Office (Harrisburg)	PennDOT District 2-0 Office (Clearfield)

Non-voting members include:

Bellefonte Borough	Pennsylvania State University
Federal Highway Administration	Federal Transit Administration

A Technical Committee provides advisory comments and recommendations to the Coordinating Committee. The Technical Committee is comprised of members from the same organizations represented on the Coordinating Committee.

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RESPONSIBILITIES

The Safe, Accountable, Flexible, Efficient Transportation Equity Act – A Legacy for Users (SAFETEA-LU) and the federal Statewide and Metropolitan Transportation Planning Final Rule specify the primary roles and responsibilities of MPOs, which include development of a long-range transportation plan, development of the short-range Transportation Improvement Program, and public involvement efforts. SAFETEA-LU and the federal rule also specify MPO planning activities, and establish the required processes for these activities.

The adoption of a long-range (twenty-year) transportation plan is one of the primary responsibilities of the CCMPO. The CCMPO adopted the Centre County Long Range Transportation Plan (LRTP) in September 2006. An update to the LRTP was adopted in 2007 to ensure full compliance with SAFETEA-LU requirements. The LRTP is scheduled to be updated again in 2008 to incorporate additional projects and adjust project costs and schedules.

A second primary responsibility of the CCMPO is to approve the use of federal funds for highway and mass transit projects within Centre County. This responsibility is fulfilled through the development and adoption of the short-range Transportation Improvement Program (TIP). The TIP details the proposed expenditure of federal funds and some state capital funds for specific projects in a four-year period, within specified limits of financial constraint. The TIP is updated every two years. In order to be included on the short-range TIP, projects must also be included on the MPO's adopted long-range plan.

The list of projects on the TIP is identical to the First Four Year segment of the Commonwealth of Pennsylvania's Twelve Year Program (TYP), which is developed at the same time as the TIP, and adopted by the State Transportation Commission. The CCMPO will continue to work closely with PennDOT and CATA to develop and adopt the TIP.

In addition to SAFETEA-LU, the Clean Air Act Amendments (CAAA) of 1990 specifies planning activities for MPOs, in particular for areas exhibiting air quality that is not in attainment with acceptable standards. Prior to 2004, air quality in Centre County was in attainment with the standards in the CAAA, and there were no special planning activities or processes required of the CCMPO. However, new air quality standards that became effective in June 2004 designated Centre County as a non-attainment area for ozone. Air quality conformity analyses were completed in 2006 and 2007 to ensure that the CCMPO's current TIP and LRTP conform to the new air quality standards. The latest air quality measurements have enabled Centre County to be redesignated as an attainment "maintenance" area, however, air quality conformity analyses must still be completed.

Federal regulations also require the MPO to develop and adopt a Coordinated Public Transit - Human Services Transportation Plan to help guide the distribution of funds from certain transit programs that serve low income individuals, persons with disabilities, and the elderly. In 2007, the CCMPO adopted its Coordinated Public Transit – Human Services Transportation Plan, and the Plan will be updated in 2008 to ensure full compliance with federal regulations.

To facilitate citizen involvement in the planning process used to develop the LRTP, the TIP, and the Coordinated Plan, the CCMPO adopted a new Public Participation Plan in 2007. Certain proposed plans and programs must be made available for public review during a thirty (30) day comment period. The MPO is also required to hold a public meeting during this comment period.

The CCMPO is required to maintain and update a program of activities to address Environmental Justice and Title VI regulations, to prevent or mitigate adverse impacts to areas with concentrations of low income and minority populations. Concentrations of low income and minority households have been identified and mapped based on U.S. Census data, and this mapping is being updated using Census 2000 data and other information provided by local agencies and organizations. A program of activities to communicate with citizens in those areas about plans and programs must also be maintained. Existing techniques will be refined, and new techniques developed on an ongoing basis to improve communication between citizens, agencies and organizations, and the CCMPO.

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STAFFING AND AGENCY SUPPORT

Staff support for the CCMPO's transportation planning activities is provided by the Centre Regional Planning Agency (CRPA), CATA, Centre County Planning and Community Development Office (CCPCDO), PennDOT Engineering District 2-0 Office (Clearfield), and PennDOT Central Office (Harrisburg). These organizations work together to prepare transportation plans and programs, propose project priorities, and complete technical studies to be used by the CCMPO to make policy decisions and fulfill its responsibilities.

The major policy decisions required of the CCMPO, and the day-to-day work tasks completed by the CRPA, CATA, and CCPCDO are detailed in this Unified Planning Work Program (UPWP). This document is prepared annually by staff, then reviewed by the CCMPO Technical Committee, and adopted by the CCMPO Coordinating Committee.

Funding to complete the work tasks in the UPWP comes from the Federal Highway Administration, Federal Transit Administration, and the Commonwealth of Pennsylvania. The federal and state funds must be matched by local funds, which are contributed by Centre County government, municipalities, and organizations represented on the CCMPO. The federal and state funds are made available through an annual legal agreement executed by PennDOT and the Centre Regional Planning Commission (CRPC), on behalf of the CCMPO.

Funding for the base portion of the FY 2008-09 UPWP totals (*to be determined*). In addition, supplemental planning funds in the total amount of (*to be determined*) will be used for (*to be determined*).

The following pages provide details about the transportation planning activities to be completed in FY 2008-09.

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The CCMPO website may be accessed at <http://www.ccmppo.net> .

I. PLANS AND PROGRAMS

A. Administration

- Quarterly progress reports and invoices will be prepared and submitted within fifteen (15) days following the end of the quarter.
- The FY 2009-10 UPWP will be prepared and adopted by February 28, 2009. Submission of the UPWP by March 10, 2009 will include all documents required for execution of contracts between the Centre Regional Planning Commission (CRPC) and PennDOT, including Agreement Exhibits B and C, and resolutions authorizing CRPC's execution of Agreements. Candidate supplemental planning funds projects, including proposed Land Use Initiatives Program projects, must be included on the UPWP.
- Meeting notices and agendas will be prepared and will be available not less than five (5) working days prior to the meeting. Minutes of all MPO meetings will be prepared and circulated within fifteen (15) working days following the meetings. Completion as needed.
- Implement recommendations developed from the performance review of the CCMPO for its first years of operating as a countywide MPO. Consider adding representation from other modes and establishing an intermodal advisory committee.

Federal Highway Administration (FHWA) Planning (PL) funds:

\$ 15,031

Federal Transit Administration (FTA) Metropolitan Planning Program (MPP) funds:

\$ 0

State funds: \$ 2,830

Local funds: \$ 928

TASK TOTAL: \$ 18,789

Major tasks completed in previous year FY 2007-08:

- Completed quarterly progress reports, invoices, and budget revision
- Prepared minutes, agendas, and notices for meetings
- Prepared meeting follow-up reports for all Coordinating Committee meetings
- Prepared FY 2008-09 UPWP and Annual Agreement exhibits
- Prepared MPO portion of Centre Region Council of Governments Budget
- Completed performance review of countywide MPO
- Prepared bylaws

B. Program Coordination

- Information and assistance will be provided as necessary to MPO member-organizations, PennDOT, public and private organizations, the general public, and the media, particularly transportation-related information and data. Attend meetings of organizations, municipalities and other groups to participate in discussion of transportation-related issues. Completion as needed.
- Implement new federal mandates resulting from the passage of SAFETEA-LU and issuance of U.S. DOT rulemaking. Attend relevant training, and assist PennDOT in the implementation of associated federal and state mandates relative to the transportation planning and programming process. Completion as needed.

FHWA PL funds: \$ 3,000

FTA MPP funds: \$ 0

State funds: \$ 565

Local funds: \$ 185

TASK TOTAL: \$ 3,750

**CCMPO FY 2008-09 UPWP
ACTIONS AND PROCEDURES**

Major tasks completed in previous year FY 2007-08:

- Responded to information requests from citizens and organizations
- Provided traffic data to local officials and others upon request
- Participated in meetings of various organizations and committees

C. Programming

- **Prepare and submit all supporting information for the adopted 2009-2012 Centre County Transportation Improvement Program (TIP) to PennDOT by July 21, 2008, including information about the project selection and prioritization process used to develop the TIP.**
- **Assist PennDOT and CATA in the administration of the 2009-2012 TIP, including processing of TIP amendments through electronic means (eSTIP process). Work with PennDOT, FHWA, and FTA to update and improve the eSTIP process. Completion on an ongoing basis.**
- **Public involvement efforts will be consistent with the MPO's Public Participation Plan. Efforts will continue to expand and improve means of addressing Environmental Justice (EJ) requirements, to ensure that low income and minority population concentrations are informed about, and have opportunity to have input into the development of the TIP. Implement a Title VI/EJ Compliance Plan. Completion on an ongoing basis.**

Information about the TIP will be provided by print and broadcast media, and other methods developed to circulate information directly to households in identified concentration areas (e.g. meetings, flyers, direct mailings, signs, surveys, etc.). Information will also be shared with agencies and organizations that provide services to low income and minority populations. The impact of prospective TIP projects on low income and minority population concentrations will be addressed.

- **Identify strategies for advancing projects, or phases of projects, on the 2009-2012 TIP. Maintain and update an inventory of projects included in the Centre County Long Range Transportation Plan (LRTP). Completion on an ongoing basis.**
- **Continue to work with PennDOT and FHWA to incorporate safety into the planning and programming process. Refine procedures for prioritizing and selecting safety improvement projects for the Centre County LRTP and TIP, consistent with the state's Highway Safety Improvement Program and federal requirements. Schedule on-site safety reviews at high crash locations as needed. Completion on an ongoing basis.**
- **Refine process for selecting projects for Congestion Mitigation and Air Quality (CMAQ) funding. Completion as needed.**
- **Assist PennDOT and FHWA to implement the state's Work Zone Safety and Mobility policy, particularly related to projects that have a broad impact on safety and congestion.**
- **Assist in evaluation and deployment of Intelligent Transportation Systems (ITS) and advanced technology (e.g. signal operations, traffic data collection and organization). Completion as needed.**
- **Continue to work with PennDOT on the utilization of technology to share data included in the Multimodal Project Management System (MPMS). Completion as needed.**

FHWA PL funds: \$14,000
FTA MPP funds: \$ 2,000
State funds: \$ 2,636
Local funds: \$ 1,364
TASK TOTAL: \$20,000

**CCMPO FY 2008-09 UPWP
ACTIONS AND PROCEDURES**

Major tasks completed in previous year FY 2007-08:

- Approved amendments to 2007-2010 TIP
- Developed and adopted 2009-2012 TIP
- Participated in air quality conformity analyses for TIP and LRTP update
- Worked with PennDOT to address federal “Year of Expenditure (YOE)” requirements
- Reviewed Pennsylvania Act 44 legislation
- Worked with PennDOT and CATA to program state funds provided by Act 44
- Provided comments about Interstate 80 Toll Conversion Project

Tasks to be continued in FY 2009-10:

- Administer amendments to 2009-2012 TIP
- Develop and adopt 2011-2014 TIP
- Maintain and update inventory of projects, including CMAQ and safety projects
- Continue to work with PennDOT and municipalities to program and advance projects

D. Long-Range Transportation Plan

- **Initiate major four-year update of Centre County LRTP, with completion of a new LRTP tentatively scheduled for Fall 2010. Major capital projects on the LRTP are prioritized and staged with emphasis on preserving the infrastructure for all major modes of travel. Completion on an ongoing basis.**
- **Participate in the implementation and update of the PennDOT District 2-0 Regional Operations Plan (ROP), ITS Architecture and ITS Strategic Plan to improve mobility and enhance incident management.**
- **Maintain and update travel demand model so that it may be used for the air quality conformity process and LRTP preparation. (May be shifted to supplemental planning funds – see Task VII).**
- **Work with PennDOT to implement actions included in the Commonwealth’s Mobility Plan (statewide long range transportation plan). Completion as needed.**
- **Work with PennDOT and FHWA to update the statewide inventory of intermodal facilities and National Highway System (NHS) intermodal connecting roadways, based on a review of federal criteria, thresholds and guidelines. Completion as needed.**
- **Assist PennDOT in promoting right-of-way preservation activities with municipalities and other agencies. Completion as needed.**
- **Public involvement efforts will be consistent with the MPO’s Public Participation Plan, as required by SAFETEA-LU. Special focus will be given to Environmental Justice requirements, to ensure that low income and minority population concentrations are informed about the development of the plan, and have ample opportunity to provide input.**

In addition to use of print and broadcast media, other methods to circulate information directly to households in identified concentration areas will be developed and utilized (e.g. meetings, flyers, direct mailings, signs, surveys, etc.). Information will also be shared with agencies and organizations that provide services to low income and minority populations. The impact of projects included in the LRTP on low income and minority population concentrations will be addressed during preparation of, and updates to, the LRTP. Completion as needed.

**CCMPO FY 2008-09 UPWP
ACTIONS AND PROCEDURES**

FHWA PL funds: \$10,500
FTA MPP funds: \$ 1,500
State funds: \$ 1,977
Local funds: \$ 1,023
TASK TOTAL: \$15,000

Major tasks completed in previous year FY 2007-08:

- Initiated preparation of new project ranking process for bridges
- Organized and held public meetings to solicit input about LRTP 2008 Update
- Prepared and adopted LRTP 2008 Update in June 2008

Tasks to be continued in following year FY 2009-010:

- Complete majority of tasks for major four-year update of LRTP

E. Public Transportation Planning

- **Complete plans and studies needed to implement the public transportation element of the Centre County LRTP and the CCMPO's Coordinated Public Transit - Human Services Transportation Plan, and to advance projects on the TIP. Activities will address new service and transportation demand management strategies, rural and commuter corridor service strategies, fleet rehabilitation and replacement, ongoing update of CATA's Rideshare Program, update of the Technology Deployment Plan (Advanced Public Transportation Systems), and outreach to employers and business interests to assist with employee transportation needs. Completion on an ongoing basis.**
- **Coordinate public transportation planning activities with Penn State's Transportation Services Office, Centre County Office of Transportation (CCOT), and other transportation providers. Completion as needed.**
- **Complete data analysis and operations planning activities to assist CATA and the CCOT in planning service that optimizes the use of federal, state, and local funding. Completion as needed.**
- **Implement recommendations from the CATA/Centre County Assessment of Transportation Services, being completed using supplemental planning funds in the FY 2007-08 UPWP.**
- **Low income and minority population concentrations will be identified, and provided opportunities to provide input about the development of new or revised public transportation services. Efforts to focus on provision of services to low income and minority population concentrations will be closely coordinated with agencies and organizations. Completion as needed.**

FHWA PL funds: \$ 0
FTA MPP funds: \$16,000
State funds: \$ 0
Local funds: \$ 4,000
TASK TOTAL: \$20,000

Major tasks completed in previous year FY 2007-08:

- Prepared scope of work for CATA/Centre County Assessment of Transportation Services
- Monitored CATA's fixed route cost model to evaluate effects of service changes
- Assisted CATA in planning service changes
- Updated Coordinated Public Transit – Human Services Transportation Plan

**CCMPO FY 2008-09 UPWP
ACTIONS AND PROCEDURES**

Tasks to be continued in FY 2009-010:

- Implement public transportation element of LRTP
- Implement advanced technology strategies for CATA
- Review proposed Park and Ride lot locations identified in the LRTP
- Assist in planning CATA and CCOT operations and service changes
- Update Coordinated Public Transit – Human Services Transportation Plan

F. Bicycle and Pedestrian System

- **Plan and implement bicycle and pedestrian improvements consistent with the Centre County LRTP, multi-municipal comprehensive plans, Centre County Greenways Study, Beech Creek Greenway Study, Bellefonte Central Rail Trail Study, and other planning initiatives. Completion as needed.**
- **Provide assistance to municipalities and organizations in the planning and design of bicycle and pedestrian improvements. Completion as needed.**

FHWA PL funds: \$ 6,000
FTA MPP funds: \$ 0
State funds: \$ 1,130
Local funds: \$ 370
TASK TOTAL: \$ 7,500

Major tasks completed in previous year FY 2007-08:

- Provided input for planning of bike/pedestrian facilities on Penn State’s University Park Campus
- Participated in Penn State University Bicycle Users Group
- Provided input to municipalities and other organizations about design issues
- Worked with state and local officials to advance proposed pedestrian/bicycle projects in several municipalities.

II. PLANNING TOOLS AND TECHNIQUES

A. Innovative Financing / Transportation Partnerships

- **Identify and implement innovative financing mechanisms for major capital projects identified by the CCMPO and municipalities. Provide assistance in the formation of public/private partnerships to address regional transportation issues and projects.**
- **Promote use of the Pennsylvania Infrastructure Bank as a tool for financing transportation projects, including community reinvestment projects, and work with PennDOT and the Governor’s Action Team on regional community and economic stimulus initiatives. Completion as needed.**

FHWA PL funds: \$ 1,000
FTA MPP funds: \$ 0
State funds: \$ 188
Local funds: \$ 62
TASK TOTAL: \$ 1,250

No activity in previous year FY 2007-08

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B. Congestion Management Process (CMP)

- **Update and maintain the CMP process for Centre County to provide information to help in the prioritization and development of projects on the LRTP and TIP. Conduct detailed corridor/subarea congestion management studies as necessary.**

FHWA PL funds: \$ 1,000
FTA MPP funds: \$ 0
State funds: \$ 188
Local funds: \$ 62
TASK TOTAL: \$ 1,250

Major tasks completed in previous year FY 2007-08:

- Participated in design process for improvements in Route 150 corridor, recommended in Congested Corridors Improvement Program study

III. DATA COLLECTION AND ANALYSIS

A. Highway Performance Monitoring System (HPMS) Data Collection

- **Verify and update roadway inventory and performance measures on approximately 106 HPMS sample sections, including any additional segments that may be required based on Urban Boundary revisions, in accordance with the HPMS Manual specifications. Completion by January 31, 2009. Attend annual HPMS workshop.**

FHWA PL funds: \$ 2,000
FTA MPP funds: \$ 0
State funds: \$ 377
Local funds: \$ 123
TASK TOTAL: \$ 2,500

Major tasks completed in previous year FY 2007-08:

- Updated HPMS sample section data
- Attended annual HPMS workshop

B. Traffic Counts

- **Collect and submit approximately forty-one (41) traffic counts, of which approximately 30% (12) will be classification counts, in support of HPMS and the Commonwealth's Traffic Monitoring System (TMS/H), including supplemental and any additional counts. The specific number and type of counts (volume, machine classification, manual classification) will be determined by PennDOT. Assigned counts will not be taken on weekends or holidays, and will be submitted monthly, i.e. the last workday in the month in which the counts were taken. The counts may be outsourced to a third party service provider, particularly through the Commonwealth's statewide contract for Traffic Count Services (DGS #9985-27). All traffic counts will be collected by November 21, 2008 and all data submitted by December 31, 2008. Attend annual Traffic Counting Workshop.**
- **Purchase traffic counters and traffic counting supplies (road tube, tape, nails, etc.) as needed to complete traffic counts. These supplies are available on the Commonwealth's Statewide Contract for Traffic Counters (DGS #9905-17).**

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- **Purchase safety equipment for traffic counting requirements, as needed to provide an adequate level of safety for field personnel.**
- **All updated traffic counts will be used to support transportation planning and programming activities, and aid in the maintenance and enhancement of the existing transportation infrastructure in Centre County.**

FHWA PL funds: \$ 9,000
FTA MPP funds: \$ 0
State funds: \$ 1,694
Local funds: \$ 556
TASK TOTAL: \$11,250

Major tasks completed in previous year FY 2007-08:

- Outsourced 34 counts for 2007 program
- Completed 3 manual counts for 2007 program
- Completed 5 counts at STIP (loop detector) sites for 2007 program

C. Highway System Classification

- **Review the federal functional classification system for highways, the federal-aid system, and the National Highway System, and update the system as required. Completion as needed.**

FHWA PL funds: \$ 800
FTA MPP funds: \$ 0
State funds: \$ 151
Local funds: \$ 49
TASK TOTAL: \$ 1,000

No activity in previous year FY 2007-08

D. Public Transportation Data

- **Collect, compile, and analyze public transit data. Completion by June 30, 2009.**

FHWA PL funds: \$ 0
FTA MPP funds: \$ 8,000
State funds: \$ 0
Local funds: \$ 2,000
TASK TOTAL: \$10,000

Major tasks completed in previous year FY 2007-08:

- Prepared monthly ridership reports for CATA Board of Directors and staff
- Analyzed ridership data for multiple CATA routes
- Monitored operation of software producing data for web applications

**CCMPO FY 2008-09 UPWP
ACTIONS AND PROCEDURES**

IV. LAND USE AND TRANSPORTATION

A. Scenic Byways Program

- **Attend meetings with PennDOT at which Scenic Byways are discussed and help promote Byways by providing information as requested. Participate in the selection of Byways that may involve candidate projects in the TIP development process. Completion as needed.**

FHWA PL funds: \$ 1,500
FTA MPP funds: \$ 0
State funds: \$ 282
Local funds: \$ 93
TASK TOTAL: \$ 1,875

No activity in previous year FY 2007-08

B. Development Plan Review - Highway

- **Major development plans and rezoning requests which may have an impact on highway projects will be reviewed for consistency with the Centre County LRTP and TIP. Reviews will determine whether the Plan and/or the TIP should be modified. Completion as needed.**

FHWA PL funds: \$ 2,000
FTA MPP funds: \$ 0
State funds: \$ 377
Local funds: \$ 123
TASK TOTAL: \$ 2,500

Major plans reviewed in previous year FY 2007-08:

- Sheetz site (Boggs Township)
- Kerstetter Estates (Walker Township)
- Boalsburg Investment Group site (Harris Township)
- Zion Manor (Benner Township)
- Mountainview Estates (Potter Township)

C. Development Plan Review - Transit

- **Major development plans and rezoning requests which may have an impact on public transportation service and/or facilities will be reviewed for consistency with the Centre County LRTP and TIP. Reviews will determine whether the Plans and/or the TIP should be modified. Completion as needed.**

FHWA PL funds: \$ 0
FTA MPP funds: \$ 3,000
State funds: \$ 0
Local funds: \$ 750
TASK TOTAL: \$ 3,750

Major plans reviewed in previous year FY 2007-08:

- Patton Township A-1 Zoning District Development of Regional Impact (DRI) application
- State College Borough downtown zoning DRI application
- Boalsburg Investment Group site (Harris Township)
- Shoppes at North Atherton (Patton Township)
- Mountainview Estates (Potter Township)

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D. Land Use Coordination

- **Monitor and participate in land planning and growth management activities related to the new Centre County Comprehensive Plan, multi-municipal comprehensive plans, municipal comprehensive plans, and area/corridor plans. Participate in efforts to establish and maintain consistency between land use planning and the projects included on the new LRTP and TIP. Identify opportunities to integrate transportation improvements with redevelopment proposals in blighted communities or brownfield/grayfield sites. Completion on an ongoing basis.**
- **Utilize the transportation planning and programming process to support sound land use planning and sustainable development, considering the Keystone Principles for growth, investment, and resource conservation. Continue to work with PennDOT to incorporate land use planning into the transportation planning process, and assist in the identification and implementation of changes in the planning process needed to accomplish this effort. Completion as needed.**
- **Assist PennDOT with training opportunities provided to municipalities or agencies relative to the relationship between land use and transportation (e.g. “smart transportation” initiatives, access management, transit-oriented design, interchange area development, street connectivity, etc.). Completion as needed.**
- **Work with local officials and PennDOT to implement access management measures in roadway corridors to preserve existing capacity. Completion as needed.**
- **Participate in the development of the SEDA-COG Regional Strategic Action Plan for Land Use, Transportation, and Economic Development, initiated as an outgrowth of the Governor’s Regional Conferences for Transportation, Land Use and Economic Development in 2005. Completion as needed.**
- **Assist in implementing land use plans prepared in conjunction with major transportation projects. Identify transportation projects that will impact land use, and include candidate studies in the UPWP for the Land Use Initiative Program. Completion as needed.**

FHWA PL funds: \$ 5,000
FTA MPP funds: \$ 0
State funds: \$ 941
Local funds: \$ 309
TASK TOTAL: \$ 6,250

Major tasks completed in previous year FY 2007-08:

- Participated in preparation of the Halfmoon/Patton Area Plan.
- Participated in preparation of the State College Area Plan.
- Participated in preparation of SEDA-COG Regional Strategic Action Plan
- Worked with federal, state and local officials, and the developer of the Toftrees Planned Community to advance plans for improving access to Toftrees via the Waddle Road corridor.

V. PROJECT DELIVERY

A. Monitor Key Projects

- **Participate in environmental analyses for, and project delivery of, projects underway in Centre County, including completion of Interstate 99; completion of the I-99/I-80 High Speed Interchange; and completion of the I-80/Route 26 Local Access Interchange. Also participate in follow-up or restart activities relative to the Route 322 Corridor O1 and South Central Centre County Transportation Study (SCCCTS) projects.**

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- **Assist PennDOT, other project sponsors, and consultant teams with preparation of environmental review documents for projects on the TIP that are being designed, particularly trend analysis (land use, socioeconomic, economic development, etc.), secondary/cumulative affect analysis, and context sensitive solutions.**
- **Attend Community Advisory Committee (CAC) meetings, workshops, special meetings with consultant teams, and public meetings. Review information and monitor progress on the projects, provide status reports to local officials and the CCMPO, and respond to requests for information from citizens and organizations. Completion as needed.**
- **Identify major projects that will have significant impacts on land use. Consider including the projects as candidates for supplemental planning funds studies in the UPWP under the Land Use Initiatives Program. Completion by December 31, 2008.**

FHWA PL funds: \$ 8,000
FTA MPP funds: \$ 0
State funds: \$ 1,506
Local funds: \$ 494
TASK TOTAL: \$10,000

Major tasks completed in previous year FY 2007-08:

- Monitored activities on the I-99 ARD remediation effort
- Responded to requests for information from citizens about projects
- Discussed strategies for advancing I-99/I-80 interchange projects
- Discussed strategies for advancing SCCCTS
- Completed conceptual process for responding to request to include a new interchange on I-80 in Rush Township on the LRTP and TIP
- Participated in scoping field view efforts for multiple projects

Tasks to be continued in FY 2009-10:

- Participate in design efforts for projects that are implemented
- Provide periodic reports about status of projects to local officials
- Respond to requests for information from citizens

B. Project Needs Studies

- **Prepare and/or participate in Project Needs Studies for projects identified by the CCMPO and PennDOT. Work with PennDOT and federal and state environmental resource review agencies to gain acceptance for the completion of needs studies as part of the planning process. Collect and prepare information about land use, socioeconomic, economic development, and travel patterns, and work with consultant teams to document the need for proposed projects. Emphasis will be given to key projects identified by the CCMPO in the LRTP and TIP. Participate in meetings and provide comments to PennDOT and other agencies. Monitor progress on the studies, provide status reports to local officials and the CCMPO, and respond to requests for information from citizens and organizations. Completion as needed.**

FHWA PL funds: \$ 1,000
FTA MPP funds: \$ 0
State funds: \$ 188
Local funds: \$ 62
TASK TOTAL: \$ 1,250

No activity in previous year FY 2007-08

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ACTIONS AND PROCEDURES**

C. Public Transportation Projects

- **Implement public transportation projects included in the LRTP and TIP. Projects include the Old Fort Park and Ride Lot, development of other park and ride lots, development of a new Intermodal Transportation Center, implementation of the North Atherton Street transit signal priority system, and deployment of advanced technology systems. Completion on an ongoing basis.**
- **Investigate opportunities for demonstration project and other grant funding to implement public transportation improvements. Completion as needed.**

FHWA PL funds: \$ 0
FTA MPP funds: \$16,472
State funds: \$ 0
Local funds: \$ 4,118
TASK TOTAL: \$20,590

Major tasks completed in previous year FY 2007-08:

- Participated in PennDOT's design of Park and Ride lot at Old Fort in Potter Township
- Worked to incorporate a transit signal priority system for buses into the North Atherton Street corridor signal improvement project
- Completed deployment of advanced technology systems (Phase I)

Tasks to be continued in FY 2009-10:

- Complete construction of Park and Ride lot at Old Fort
- Continue deployment of advanced technology systems
- Initiate design of new park and ride lots at locations identified in LRTP
- Implement design studies for relocation of Centre Region Bus Terminal (Intermodal Transportation Center project)

D. Transportation Enhancements

- **Continue efforts to implement approved Transportation Enhancement (TE)/Home Town Streets (HTS)/Safe Routes to School (SR2S) Program projects by providing information and assistance to PennDOT and project sponsors about the design and management of the projects. Completion on an ongoing basis.**
- **Monitor progress on approved projects by reviewing quarterly progress reports from sponsors. Completion on an ongoing basis.**
- **Administer new application cycle, and requests for changes in funding or deprogramming of projects. Completion on an ongoing basis.**

FHWA PL funds: \$ 9,000
FTA MPP funds: \$ 0
State funds: \$ 1,694
Local funds: \$ 556
TASK TOTAL: \$11,250

**CCMPO FY 2008-09 UPWP
ACTIONS AND PROCEDURES**

Major tasks completed in previous year FY 2007-08:

- Assisted in completion of the Puddintown Road Trail, South Atherton Street Path, and Bellefonte Central Rail Trail Phase II projects
- Assisted Centre Hall Borough and Harris Township in advancing projects to be funded in 2009-2012 TIP
- Provided input to municipalities about potential projects for future funding cycles

VI. LINKING PLANNING AND NEPA

A. Streamline Project Implementation

- **Work with PennDOT to link the transportation planning process with the requirements of the National Environmental Policy Act (NEPA). Identify and implement initiatives to improve the efficiency of project implementation by streamlining the programming, environmental review, and project development processes. Determine whether certain steps or processes can be included in the MPO planning process, rather than the project development process, and participate in pilot efforts to implement such initiatives. Completion as needed.**
- **Work with PennDOT to investigate the use of “right-sizing” and “smart transportation” philosophies in the project development process to make the best use of available transportation funds. Assist in the provision of training for transportation and community stakeholders relative to right sizing and smart transportation initiatives. Completion on an ongoing basis.**

FHWA PL funds: \$ 4,000
FTA MPP funds: \$ 0
State funds: \$ 753
Local funds: \$ 247
TASK TOTAL: \$ 5,000

Major tasks completed in previous year FY 2007-08:

- Participated in statewide work group to develop smart transportation concept
- Evaluated projects on LRTP and TIP relative to right-sizing potential

**CCMPO FY 2008-09 UPWP
ACTIONS AND PROCEDURES**

VII. SUPPLEMENTAL PLANNING PROGRAM / LAND USE INITIATIVE PROGRAM

Candidate projects should be selected from the following:

A. Update Travel Demand Model and Socioeconomic Forecast Data

NOTE: This project is the CCMPO staff's highest priority candidate project.

A new travel demand model was prepared for Centre County and portions of Clearfield County as part of the development of the South Central Centre County Transportation Study (SCCCTS) [canceled in March 2004] and the new Centre County Long Range Transportation Plan (LRTP) [adopted in 2006]. The travel demand model utilizes the TP-Plus modeling software, which is a new version of the MINUTP software utilized in the MPO's previous travel demand model.

Following the cancellation of SCCCTS, the model was used for the evaluation and prioritization of projects for the new Centre County LRTP. The model may also be utilized in the future for transportation corridor or subarea analyses, and could be utilized for air quality conformity purposes if additional development work and upgrades are made to the model. Over time, data inputs must be updated to reflect changes in land use that have occurred since the base model was completed in 2003, and current traffic volumes.

This work task would result in the completion of a significant update of the model and its associated data inputs. The updated model would be used for future air quality conformity determinations, for project assessment and analyses, and for the evaluation of transportation projects for the next major update of the LRTP, which is scheduled to begin in 2008 and conclude in 2010.

The work will be completed with a combination of MPO staff and outside consulting services, and would include but not be limited to:

- **Complete significant revisions to the socioeconomic input data for traffic analysis zones (TAZs), primarily focused on new forecasts of future land use conditions. The land use forecasting effort will include the preparation of a completely new parcel-based data set in database software that replaces the existing Excel spreadsheet system utilized in the 2003 forecasts. The new database is intended to be more user-friendly to facilitate future updates to the forecasts.**

The new forecast effort will include coordination activities with county and regional planning organizations, municipal planning commissions and governing bodies. The forecasts will reflect the most up-to-date land use plans in the Centre County Comprehensive Plan, the three multi-municipal comprehensive plans adopted in Centre County (which address 18 of the 35 municipalities in the County), and other land use changes approved or proposed in area or corridor plans currently being prepared. In addition, the land use forecasts can also be used for other infrastructure planning efforts.

- **Update key elements of the network and traffic analysis zone (TAZ) structure for the Centre County travel demand model, including network characteristics, trip generation equations, and mode split module.**
- **Update software and input data needed for air quality conformity purposes. The goal of this subtask is to utilize the model for air quality conformity purposes for the next major update of the LRTP, which is scheduled to be completed in 2010, and for the adoption of the 2013-2017 Transportation Improvement Program (TIP), which will occur in 2012.**
- **Recalibrate model to current year (2008 or 2009) traffic conditions.**

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- **Complete new runs of the model that can be used for the evaluation of projects for the LRTP, development of specific projects, and/or assessment of projects for land use and comprehensive planning purposes. Examples of potential uses include a system-wide analysis of travel trends (vehicle miles traveled, vehicle hours of travel, etc.), an assessment of how much traffic may be diverted from other routes by the proposed widening of State Route 3007 (Park Avenue), an update of estimated travel pattern changes related to the opening of Interstate 99 in Centre County, changes in patterns that may occur if the Route 322 Corridor O1 and South Central Centre County Transportation Studies are revisited in the future, and changes in travel patterns related to the development of growth areas specified in regional and municipal comprehensive plans.**
- **Procure and install updated software on the CCMPO's computer system, and provide training for MPO staff.**
- **Purchase a new laptop computer capable of operating the model and GIS software, to facilitate the operation and display of land use model**

FHWA PL funds:	\$ 80,000
FTA MPP funds:	\$ 0
State funds:	\$ 0
Local funds:	\$ 20,000
TASK TOTAL:	\$100,000

Because of the length time needed to coordinate and prepare new land use forecasts, work on this task would begin in FY 2008-09 and continue through FY 2009-010, utilizing a 24-month schedule of activities.

B. Municipal Bridge Database

The passage of Pennsylvania Act 44 of 2007 in July 2007 has significantly increased the level of state funding for highway and bridge projects. One of the focuses of the new funding is the rehabilitation or replacement of structurally deficient (SD) state bridges.

In 2007, PennDOT completed a detailed assessment of bridge conditions for the Commonwealth's state-owned bridges, which resulted in the identification of the state's highest priority bridge improvement projects. PennDOT's recent effort dramatically increased the awareness of bridge improvement needs on the state-owned transportation system. However, there are many SD bridges in the Commonwealth that are owned by counties or municipalities. In Centre County, a need exists to prepare a complete inventory of all municipal bridges (there are no county-owned bridges in Centre County). The inventory would be an important element of the CCMPO's process for prioritizing state and municipal bridge projects for the LRTP and TIP.

Along with the inventory, informational materials and outreach efforts focusing on the process for programming a municipal bridge project are needed to help municipal officials recognize and understand the options available for financing bridge improvements.

This project includes the completion of several work tasks that would assist in the programming of municipal bridge projects on the LRTP and TIP. Work would be performed with a combination of MPO staff and outside consulting services, and would include but not be limited to:

- **Prepare a comprehensive database of all municipal bridges in Centre County, including information from bridge inspection reports, photos, location maps, weight restrictions, usage (commercial, agriculture, school, EMS), detour routes and lengths, estimates of rehabilitation/replacement costs, and comments from municipal officials and citizens. The database would be utilized in the CCMPO's project ranking process for the LRTP, and to assist in determining priorities for the TIP.**

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The database would be developed in a user-friendly format to facilitate updates, which are anticipated to occur on an ongoing basis to reflect the latest bridge inspections and the respective bridge inspection reports.

- **Coordinate closely with PennDOT to ensure that the database and prioritization process is similar to the data and process used by PennDOT to assess and prioritize state bridge projects, so that state and municipal bridges are evaluated using the same data and methods.**
- **Prepare a description of the process used to include a municipal bridge project on the LRTP and TIP, including general timelines, contact persons, etc.**
- **Develop a summary of the financing options available to municipal officials for bridge projects.**
- **Develop outreach materials and an ongoing outreach process to keep local officials informed and involved in the process of including municipal bridge projects on the LRTP and TIP, as well as the process for advancing a project once funding has been programmed on the TIP. Complete initial outreach meetings as part of this work task as a pilot test of the outreach process and materials.**
- **Complete a prioritization process for municipal bridge projects as part of the major update of the LRTP, scheduled to begin in 2008 and be completed in 2010.**

FHWA PL funds:	\$32,000
FTA MPP funds:	\$ 0
State funds:	\$ 0
Local funds:	\$ 8,000
TASK TOTAL:	\$40,000

Work on this task would begin in FY 2008-09, and would be completed in FY 2009-2010 as part of the development of the 2011-2015 TIP and a major LRTP update scheduled to conclude in 2010.

C. Coordination of Comprehensive Land Use Planning and Transportation Planning

NOTE: This project is a continuation of a supplemental planning funds project included in the current FY 2007-08 UPWP.

Centre County government is preparing a new County Comprehensive Plan. Three of the seven planning regions in Centre County, representing approximately 80% of the County's population, have adopted regional comprehensive plans (Centre, Nittany Valley, Penns Valley Regions).

The preparation of the regional comprehensive plans has spurred efforts to prepare more detailed land use plans for key areas or corridors. In the Centre Region, work was completed in 2005 on the Shiloh Road Area Plan, and work initiated in 2006 on the Halfmoon Township/Patton Township Area Plan and the State College Area Plan. The area plans focus on specific geographic portions of multiple municipalities, with the intent of developing strategies to implement the regional comprehensive plan(s).

In addition, numerous subdivision and land development activities have occurred in three areas of the Nittany Valley Region following the adoption of that Region's first multi-municipal comprehensive plan 1) Near the Route 220/Route 550 Interchange in Bellefonte Borough and Spring Township; 2) In the Route 64 corridor just north of the Pleasant Gap Interchange in Walker Township; and 3) Near the Route 220/Route 150 Interchange in Benner and Spring Townships.

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Given the high level of activity focused on land use planning, and changes in travel and land use patterns related to the opening of new Route 220 (Interstate 99), there are ongoing questions about the interrelationship of land use changes in certain areas with the CCMPO's LRTP and TIP. In order to ensure that area plans, corridor plans, and development in high-growth areas are consistent with the goal, objectives, and projects in the CCMPO's LRTP and TIP, this task involves the continuation of efforts initiated in the FY 2007-08 UPWP.

Work would be performed with a combination of MPO staff and outside consulting services. The following work tasks are proposed:

- **From a planning perspective, assess the relationship of projects on the LRTP and TIP to the land use plans and development proposals in a particular area/corridor, focusing on current and future transportation needs and deficiencies. Recommend changes in transportation projects, policies, or land use approaches to address the needs and deficiencies, given the constrained fiscal resources available for transportation improvements.**
- **Prepare technical transportation analyses to evaluate options for transportation access in key planning areas. The options should balance the long-term demand for access to the transportation system with capacity constraints and other environmental impacts. For example, several proposed development activities in a municipality may result in transportation impacts in an adjacent municipality. The technical analyses would document the impacts, and evaluate options for providing access to an area that minimize the negative impacts while documenting opportunities to maximize positive impacts.**
- **Investigate and recommend non-traditional approaches such as transportation demand management, transportation systems operations planning, access management, and intelligent transportation systems to address needs and deficiencies.**
- **Provide staff support to the lead agency completing the area/corridor plans, prepare specific recommendations relative to transportation improvements, land use and development, and provide periodic reports to municipalities, regional planning commissions, Centre County Planning Commission, PennDOT and the MPO Committees.**

FHWA PL funds:	\$40,000
FTA MPP funds:	\$ 0
State funds:	\$ 0
Local funds:	\$10,000
TASK TOTAL:	\$50,000

Work on this task began in FY 2007-08 as a pilot program to determine the long term possibility of completing such work tasks as part of the base UPWP, or through the ongoing use of supplemental planning funds.

CCMPO FY 2008-09 UPWP BUDGET

1st Draft - January 15, 2008

WORK TASK	TOTAL TASK BUDGET	FUNDING SOURCES				
		Federal Highway Admin	Federal Transit Admin	State Match	Local Match	Local Match
		PL	MPP	MLF	Highway	Transit
I. PLANS AND PROGRAMS						
A. Administration	\$18,789	\$15,031	\$0	\$2,830	\$928	\$0
B. Coordination	\$3,750	\$3,000	\$0	\$565	\$185	\$0
C. Programming	\$20,000	\$14,000	\$2,000	\$2,636	\$864	\$500
D. Long Range Transportation Plan	\$15,000	\$10,500	\$1,500	\$1,977	\$648	\$375
E. Public Transportation Plng	\$20,000	\$0	\$16,000	\$0	\$0	\$4,000
F. Bicycle and Pedestrian System	\$7,500	\$6,000	\$0	\$1,130	\$370	\$0
II. PLANNING TOOLS AND TECHNIQUES						
A. Innovative Finance/Partnerships	\$1,250	\$1,000	\$0	\$188	\$62	\$0
B. Congestion Management Process	\$1,250	\$1,000	\$0	\$188	\$62	\$0
III. DATA COLLECTION AND ANALYSIS						
A. HPMS Sample Sections	\$2,500	\$2,000	\$0	\$377	\$123	\$0
B. TMS Traffic Counts	\$11,250	\$9,000	\$0	\$1,694	\$556	\$0
C. Hwy. Syst. Classification	\$1,000	\$800	\$0	\$151	\$49	\$0
D. Public Transportation Data	\$10,000	\$0	\$8,000	\$0	\$0	\$2,000
IV. LAND USE AND TRANSPORTATION						
A. Scenic Byways Program	\$1,875	\$1,500	\$0	\$282	\$93	\$0
B. Development Plan Review - Highway	\$2,500	\$2,000	\$0	\$377	\$123	\$0
C. Development Plan Review - Transit	\$3,750	\$0	\$3,000	\$0	\$0	\$750
D. Land Use Coordination	\$6,250	\$5,000	\$0	\$941	\$309	\$0
V. PROJECT DELIVERY						
A. Monitor Key Projects	\$10,000	\$8,000	\$0	\$1,506	\$494	\$0
B. Need Studies	\$1,250	\$1,000	\$0	\$188	\$62	\$0
C. Public Transportation Projects	\$20,590	\$0	\$16,472	\$0	\$0	\$4,118
D. Enhancements/Home Town Streets	\$11,250	\$9,000	\$0	\$1,694	\$556	\$0
VI. LINKING PLANNING AND NEPA						
A. Streamline Project Implementation	\$5,000	\$4,000	\$0	\$753	\$247	\$0
TOTAL BASE PROGRAM						
	\$174,754	\$92,831	\$46,972	\$17,476	\$5,732	\$11,743
<i>Base Program Percent Funding by Source</i>	100%	53%	27%	10%	3%	7%
VII. SUPPLEMENTAL PLANNING FUNDS						
A. Travel Demand Model/Forecast Data	\$100,000	\$80,000	\$0	\$0	\$20,000	\$0
B. Municipal Bridge Database	\$40,000	\$32,000	\$0	\$0	\$8,000	\$0
C. Coordinate Land Use and Transportation Plng.	\$50,000	\$40,000	\$0	\$0	\$10,000	\$0
Note: Actual expenditures of local funds will exceed the required match, because of additional financial support provided by local officials to maintain the current staffing levels.						

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