

BINGHAMTON METROPOLITAN TRANSPORTATION STUDY
2010-2011 UNIFIED PLANNING WORK PROGRAM

DRAFT TASK SUMMARY

A. Long Range Planning and Plan Reappraisal

1. **Long Range Plan Update** The current BMTS long range regional transportation plan, *TRANSPORTATION TOMORROW 2030~PLACEMAKING FOR PROSPERITY*, was adopted in September 2005. Federal law requires updates on a five year cycle. In order to meet the September 2010 deadline, much of the work on the plan update will occur during this program year, resulting in Plan completion and adoption.
\$100,000 FHWA-PL; \$30,000 FTA §5303
2. **Pedestrian Plan.** The current BMTS Pedestrian and Bicycle Plan was done in 1996. The long range plan effort identified the need to update and separate these plans to reflect changing conditions and the fact that the needs of pedestrians and cyclists are significantly different.
\$20,000 FHWA-PL; \$5,000 FTA §5303
3. **NYS DOT Regional Planning Assistance.** To provide assistance to NYS DOT Region 9 in regional comprehensive planning and travel forecasting, and other planning tasks where BMTS Central Staff's expertise in systems planning can be beneficial
\$5,000 FHWA-PL

B. Plan Implementation and Transportation System Management

1. **Coordinated Public Transit-Human Services Transportation Plan.** BMTS prepared the plan, to satisfy a new mandate in SAFETEA-LU. This task will provide for ongoing conduct of the advisory committee formed at that time, and the related activity of screening applications for FTA JARC and New Freedom funds.
\$20,000 FTA §5303
2. **Village of Owego Truck Route Study.** Truck travel through the Village of Owego has been a longstanding concern. NY Route 96 provides a link between NY Route 17/I-86 and Ithaca and the Finger Lakes region, but also bisects the Village. While this issue has been studied previously, the location on NY Route 38 north of the village of Upstate Shredding, which describes itself as "the largest privately owned metal processing and recycling operation on the East Coast" has changed the volume of truck traffic. This study will review options for truck bypass routes and improved geometry.
\$10,000 FHWA-PL
3. **Routes 12 and 12A Traffic Operations and Safety Study.** There have been improvements to both NY Routes 12 and 12A over the past years, but there have also been new retail/commercial developments and the potential for more. This study will evaluate current operations, and provide the Town of Chenango information on how much additional development can be accommodated.
\$10,000 FHWA-PL
4. **Road Safety Assessments.** Performance of roadway safety assessments on arterial streets in the region has been demonstrated over the past UPWP to

- \$15,000 FHWA-PL
5. **Safe Routes to School.** This has become an ongoing program to work with local school districts to develop Safe Routes programs. Schools will be added upon response to communication from BMTS staff.
\$6,000 FHWA PL
 6. **Pedestrian and Bicycle Advisory Committee.** This committee meets on a regular basis to provide input to and review of BMTS plans and programs, and capital project design. The committee will play a key role of input and review for Tasks A.2 and A.3, the new Pedestrian and Bicycle plans.
\$10,000 FHWA PL
 7. **Linking Planning and Operations: ITS Regional Architecture Maintenance.** A modest effort is required to keep the Binghamton ITS Regional Architecture up to date as conditions change and deployments occur.
\$8,000 FHWA-PL
 8. **Local Traffic Engineering Assistance.** This longstanding program provides for professional traffic engineering assistance to local governments, including safety analyses, traffic operations studies, site development traffic impact review, and participation in the Binghamton Traffic Board, the Broome County Traffic Safety Board, and the NYSDOT Region 9 Site Impact Committee.
\$32,000 FHWA PL
 - 8a. **Village of Endicott Traffic Signal Study.** Evaluate traffic signals on McKinley Ave and other locations defined by the Village. Study will include safety, operations, and need for new signal equipment.
\$3,000 FHWA-PL
 - 8b. **Traffic Signal Maintenance Consolidation Study.** Among municipalities, only the City of Binghamton employs its own signal technicians. Evaluate the benefits of a single regional signal maintenance contract.
\$3,000 FHWA-PL

C. Program Development and Management

1. **Transportation Improvement Program.** Work on the 2011-2015 Transportation Improvement will be substantially complete by April 1, expect for final public review and Policy Committee action. This task will also provide for oversight of the TIP, and processing any TIP amendments during the course of the year.
\$25,000 FHWA PL, \$8,000 FTA §5303
2. **Project Monitoring.** This task provides for oversight of project implementation, and support for quarterly TIP Subcommittee meetings that oversee program management issues.
\$5,000 FHWA PL
3. **Annual Listing of Project Obligations.** This task is mandated in Federal law, producing a useful list of project obligations that are compared to the TIP project schedules.
\$5,000 FHWA PL, \$2,000 FTA §5303
4. **Project Development Assistance.** Provides for BMTS staff participation in NYSDOT project development activities for urbanized area projects, primarily including scoping and preliminary design, and public outreach. This task also

\$5,000 FHWA PL

D. Special Issue Studies

None programmed

E. Transportation Systems Monitoring and Information Management

1. **Traffic Monitoring System.** Provides for collection of traffic related data, including traffic counts and geometric and operational information.
\$20,000 FHWA PL
2. **Transportation Infrastructure Management System.** Provides for collection and analysis of pavement sufficiency data, including visual scoring of non-State Federal aid roadways in the BMTS planning area. BMTS receives bridge sufficiency data from NYSDOT, as well as crash record data. All are used as input for identifying TIP projects.
\$10,000 FHWA PL
3. **Transit Monitoring System.** Provides for the maintenance of a database of transit ridership for BC Transit, utilizing electronic farebox data; and for BC Lift, BC Country, and Tioga Public Transit using available operator data sources. A financial database will also be developed.
\$20,000 FTA §5303
4. **Binghamton Regional Travel Model Maintenance.** Provides for ongoing maintenance of the model, including updating with new land use, demographic, or transportation data. Initial data from the US Census' American Community Survey will be come available and used to further calibrate the model's demographic information.
\$50,000 FHWA PL
5. **GIS Development.** Provides for the development of transportation related applications within the BMTS GIS platform.
\$25,000 FHWA PL
5a. **BC Transit Mapping.** Develop GIS for Broome County Department of Public Transportation for Google Transit™ and NY511.com
\$5,000 FTA §5303

F. Program Administration

1. **General Administration.** Perform administrative responsibilities associated with maintenance of BMTS Central Staff and the accomplishment of the Unified Planning Work Program. Support the activities of the BMTS Policy Committee and Planning Committee.
Perform the administrative responsibilities associated with Federal grant requirements, including all fiscal actions.
Facilitate the professional development of BMTS Central Staff.
Enhance the BMTS planning program through participation in the New York State Association of MPOs and the national Association of Metropolitan Planning Organizations (AMPO).
\$40,000 FHWA PL; \$23,056 FTA §5303
2. **Unified Planning Work Program Development.** Oversee the completion of the 2010-2011 UPWP and the development of the 2011-2012UPWP.
\$4,000 FHWA PL, \$1,000 FTA §5303

3. **Public Participation.** Fulfill the recently adopted BMTS Participation Plan. Conduct outreach activities, maintain the BMTS website, use visualization techniques as appropriate. The NYSMPO Association will be providing training on visualization. BMTS will create an improved web site, using these techniques as appropriate.
\$10,000 FHWA PL, \$3,000 FTA §5303
 - 3a. **Limited English Proficiency.** Federal regulation requires that all BMTS outreach activities be accessible to residents of the region who have limited English language proficiency, typically those for whom English is a second language. This task will use Census data to identify LEP populations, and then develop programmatic responses.
\$10,000 FHWA PL; \$2,000 FTA §5303
 - 3b. **Rideshare Program Administration.** BMTS has contracted with a vendor to create and maintain a public rideshare matching website. This task will provide for staff program administration and oversight.
\$7,000 FHWA-PL
4. **Civil Rights Compliance.** Create and submit necessary reports to comply with Title VI of the Civil Rights Act and the Americans with Disabilities Act. Analyze the Transportation Plan and Transportation Improvement Program with respect to Environment Justice requirements.
\$5,000 FTA 5303