

BINGHAMTON METROPOLITAN TRANSPORTATION STUDY
2010-2011 UNIFIED PLANNING WORK PROGRAM

DRAFT TASK SUMMARY

A. Long Range Planning and Plan Reappraisal

1. **Regional Smart Growth and Sustainability Planning.** BMTS Policy Committee approved the long range regional transportation plan, *TRANSPORTATION TOMMORROW:2035~CREATING A SUSTAINABLE FUTURE* in September, 2010. The regional plan is based on creating a sustainable community that strives to provide safe accessibility and mobility for all users of the transportation system while preserving the existing transportation infrastructure. Realizing that the plan needs to be put into affect to be useful, staff will work to implement the goals and objectives that were outlined. BMTS will work with the Livable Community Alliance and local governments to educate and encourage investments that work towards the common goals.
\$15,000 FHWA-PL; \$10,000 FTA §5303 [\$ 31,250]
2. **Pedestrian Plan.** The current BMTS Pedestrian and Bicycle Plan was completed 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. This project is carried over from the 2010 -2011 UPWP with preliminary work beginning in the fourth quarter, and anticipated to be completed in the 2011- 2012 UPWP.
\$30,000 FHWA-PL [\$37,500]
3. **Bicycle Plan.** As mentioned in the item above, during the development of the long range plan, it was identified that there was a need to update the BMTS Pedestrian and Bicycle Plan that was developed in 1996. Recognizing that there are unique needs and changing needs of this mode of transportation, the update will be completed separately. \$25,000 FHWA-PL [\$31,250]
4. **NYSDOT Regional Planning Assistance.** To provide assistance to NYSDOT 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 [\$6,250]

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. BMTS will also participate on a Mobility Management Planning Team to plan and carry out the Mobility Management Program. The Rural Health Network (RHN) of South Central New York has been awarded a grant from the Harriet Ford Dickenson Fund to create a Mobility Management Program for Broome County. RHN AmeriCorps employees will be trained to be a transportation information source and provide trip planning assistance to the public. Essentially, they will provide a one-stop source for transportation information.

www.BroomeTioga.Greenride.com).

\$18,000 FTA §5303 [\$22,500]

2. **Broome County Transit: Fixed Route On-Board Survey.** An on-board survey was completed in 2009-2010. In order to monitor transit rider demographics and develop trend analysis, BMTS intends to repeat the survey every two years. The previous effort was conducted for BMTS by Binghamton University; it is the intent that the University be used again.
\$7,000 FTA §5303 [\$8,750]
3. **City of Binghamton Traffic Signal Warrants Study.** The City of Binghamton has 82 traffic signals, most of which were installed over 30 years ago. Recognizing that demographic and development changes have occurred and impacted traffic volumes and patterns, BMTS staff will evaluate traffic counts, accident data and other relevant data to determine if there are signals that are no longer warranted in accordance with the MUTCD. Staff will work with the City of Binghamton in recommending signals for removal and develop a process for removal in accordance with recommended practice.
\$30,000 FHWA –PL [\$37,500]
4. **Village of Endicott Traffic Signal Study.** Evaluate traffic signals on McKinley Avenue and other locations identified by the Village. The study will include safety, operations, and need for new equipment. This project is being carried over from the 2010 -2011 UPWP.
\$7,500 FHWA-PL [\$9,375]
5. **Corridor Safety Assessments.** Performance of roadway safety assessments on arterial streets in the region has been demonstrated over the past UPWP to provide beneficial information to municipal owners on potential safety improvements. It is the intent of this project to perform 2 to 3 assessments in the program year at locations identified by BMTS members.
\$15,250 FHWA-PL [\$19,063]
6. **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.
\$5,000 FHWA PL [\$6,250]
7. **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 [\$12,500]
8. **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.
\$5,000 FHWA-PL [\$6,250]
9. **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.

\$35,000 FHWA PL [\$43,750]

10. Greenway Sign Plan and Design Guide.

Significant progress has been made in funding and constructing portions of the Greater Binghamton Greenway (GBG) multi-use trail system. As the trail pieces begin to connect, especially across municipal boundaries, there is need to articulate how the visiting public will be introduced to the GBG, and how orientation and direction-giving will be provided. To have this trail system recognized as a regional, contiguous system, as well as facilitate user access to and circulation throughout the GBG, it is necessary to create a uniform design & plan for wayfinding, regulatory, warning, and interpretive signing. It is anticipated that this task will be completed by a consultant with staff management of the contract. \$50,000 FHWA PL [\$62,500]

C. Program Development and Management

1. **Transportation Improvement Program.** The 2011-2015 transportation Improvement Program was adopted in July, 2010. This task will provide for oversight and monitoring of the current TIP, and processing any TIP amendments during the course of the year. \$12,000 FHWA PL, \$5,000 FTA §5303 [\$17,000]
2. **Program 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 [\$6,250]
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, [\$6,250]
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 provides for BMTS staff assistance to local governments that are Federal aid project sponsors.
\$5,000 FHWA PL [\$6,250]

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 [\$25,000]
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.

- \$15,000 FHWA PL [\$18,750]
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.
\$25,000 FTA §5303 [\$31,250]
 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 available in late spring and will be used to further calibrate the model's demographic information.
\$50,000 FHWA PL [\$62,500]
 5. **GIS Development.** Provides for the development of transportation related applications within the BMTS GIS platform.
\$25,000 FHWA PL [\$31,250]
- 5a. BC Transit Mapping.** Develop GIS for Broome County Department of Public Transportation for Google Transit™ and NY511.com
\$10,000 FTA §5303 [\$12,500]

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).
\$37,939 FHWA PL; \$28,076 FTA §5303 [\$82,519]
2. **Unified Planning Work Program Development.** Oversee the completion of the 2011-2012 UPWP and the development of the 2012-2013UPWP.
\$4,000 FHWA PL, \$1,000 FTA §5303 [\$6,250]
3. **Public Participation.** Fulfill the BMTS Participation Plan. Conduct outreach activities, maintain the BMTS website, and use visualization techniques as appropriate. BMTS will continue to improve outreach efforts using social networking opportunities (Facebook and Twitter) as appropriate.
\$10,000 FHWA PL, \$3,000 FTA §5303 [\$18,750]
4. **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 as well as the contract with the vendor.
\$18,000 FHWA-PL [\$22,500]
5. **Civil Rights Compliance Activities.** 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.
\$4,000 FHWA-PL, \$15,000 FTA § 5303 [\$23,750]