

# Summary

## 2016 Program Activities

### Transportation Planning Services

2016 Direct Person-Months <sup>1</sup>	2016 Budget <sup>1</sup>	2016 Percent MPO/Local Appropriation	2016 Percent State, Federal, Other
90.77	\$1,011,983	15.1%	84.9%

#### Systemwide Multi-modal Transportation Planning and Programming (44.47 person-months)

- Continue data collection and analysis, including American Community Survey (ACS), travel data, street and bikeway geodatabase, land use plans and development data, information for environmental justice and health equity analyses, and forecasting of growth and travel.
- Continue tracking Regional Transportation Plan (RTP) performance measures to monitor overall system transportation performance and implementation of project and policy recommendations in the RTP, and work with WisDOT and Metro Transit on establishment of MAP-21 performance measures and targets.
- Complete work on the major update to the RTP, which will have a 2050 plan horizon year. This includes data collection and analysis, deficiencies analysis, development of facility and policy recommendations, financial capacity analysis, environmental justice/equity analysis, and public engagement activities.<sup>2</sup>
- Complete work with consultant on improvements to the mode choice/transit components of the regional travel model, and continue other work to improve and refine the calibration of the model using hourly traffic count, O/D, and travel speed data as it becomes available.
- Provide assistance to local governments and Dane County in implementing the newly adopted *Bicycle Transportation Plan for the Madison Metropolitan Area & Dane County*, including assistance in preparing local bicycle plans.
- Continue work for Dane County Parks Department to manage project to prepare a comprehensive countywide bicycle wayfinding plan, and work with the advisory committee and others on the initial phase of implementation of the wayfinding signage.
- Participate in follow up activities with Capital Region Sustainable Communities (CRSC) Consortium partners to advance identified goals, including continued refinement and use of the online active living places index tool and providing assistance for planned multi-year CARPC project to undertake a regional visioning process and develop a regional growth strategy.
- Prepare annual update of the Transportation Improvement Program (TIP), including STP Urban and Transportation Alternatives Program priority projects.<sup>2</sup>

#### Transportation System Management (TSM) Planning (8.0 person-months)

- Continue to work with partner agencies to implement the MPO's Congestion Management Process (CMP), including data collection and analysis, monitoring implementation of projects and strategies and their impact, coordinating this process with the TIP development process, and refining performance measures and targets.<sup>2</sup>

<sup>1</sup> Excludes 2015 carryover funding for consultant services, data, and MPO staff time for continued planning projects.

<sup>2</sup> Major planning project(s)

- Begin work with partner agencies and the CMP/ITS committee to implement the *Regional Intelligent Transportation System (ITS) Strategic Plan for the Madison Metropolitan Area*. The plan includes an integrated, multi-agency set of ITS project recommendations for the next 5-10+ years.<sup>2</sup>
- Monitor and assist WisDOT as needed with corridor studies to manage access and address safety and traffic operations.

### **Short-Range Transit & Specialized Transportation Planning (3.0 person-months)**

- Assist Metro Transit in efforts to continue implementation of the *2013-2017 Transit Development Plan for the Madison Urban Area*, including assistance planning for fixed-route service changes and implementing other strategies to enhance the transit system.
- Continue work to analyze Metro on-board passenger survey results for transit service planning, Title VI compliance, and work on transit related improvements to the regional travel model.
- Continue to work with Metro Transit to implement the Program Management & Recipient Coordination Plan for the Section 5310 (Enhanced Transportation for Seniors and Persons with Disabilities) Program with the MPO conducting the competitive project selection process and preparing the Program of Projects and Metro administering the projects funded.
- Support City of Madison Planning staff activities, with MPO staff assistance, for the continued planning of an intercity, intermodal bus terminal.
- Provide assistance as needed to Dane County Department of Human Services (DCHS) and Metro Transit staff in implementing the *2013 Coordinated Public Transit – Human Services Transportation Plan for Dane County*.

### **Roadway and Transit Corridor & Special Area Studies (17.0 person-months)**

- MPO, Metro Transit, and City of Madison Planning staff will continue collaborative follow up planning activities from the Madison Transit Corridor (Bus Rapid Transit) Study. This includes completing work with consultant to implement improvements to the mode choice/transit component of the new regional travel model, and beginning work on the next pre-project development phase of BRT study to identify a recommended “locally preferred alternative.” A parallel effort will take place to work with local policymakers and key stakeholders to identify and generate support for options to fund BRT and complementary regional transit service. It also involves further BRT station area planning work (see below).<sup>2</sup>
- City of Madison Planning staff, with support from MPO staff, will continue work on the TIGER planning grant project to hire consultant to develop the Urban Footprint scenario planning tool to be used to undertake scenario planning and prepare detailed transit-oriented station area plans for three areas to be served by the planned BRT system. The Urban Footprint tool will be used to provide information on the impacts of the different development scenarios.
- Continue to support and provide MPO staff assistance to the City of Madison in completing Madison in Motion, its Sustainable Madison Transportation Master Plan.
- City of Madison Planning staff, with support from MPO staff, will continue and begin new area and corridor planning activities for arterial corridors of regional significance such as E. Washington Avenue, Park Street, Milwaukee Street, and Cottage Grove Road.
- Provide transportation planning and travel forecasting assistance and analysis of transportation impacts from large-scale developments, neighborhood plans, redevelopment plans, etc. for local communities, as needed.

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<sup>2</sup> Major planning project(s)

- Continue preparation of small area or project-level traffic forecasts for the City of Madison and other units of government upon request.
- City of Madison Planning staff will continue follow up planning activities from the City of Madison's South Capitol Transit Oriented Development (TOD) District Planning Study, which focused on identifying multi-modal transportation improvement projects and redevelopment opportunities in the area south and east of the Capitol Square consistent with the city's downtown plan. This includes development and deployment of the Park+ model, which creates redevelopment assumptions in the downtown and East Washington Avenue corridor area, projects new on-street and off-street parking demand, and evaluates the traffic impacts on area roadways and intersections.
- Continue to provide travel model and data support and planning assistance on major WisDOT-sponsored Alternatives Analysis/EIS type studies. Currently ongoing studies include Stoughton Road/USH 51 (USH 12/18 to STH 19), USH 51 (McFarland to Stoughton), Beltline (USH 14 to CTH N), and Interstate 39/90 (Madison to Portage).
- City of Madison Planning staff, with some MPO staff assistance, will continue to work with WisDOT on redevelopment planning study of the East Washington Avenue/Stoughton Road intersection area. The study, an adjunct to the Stoughton Road study, involves evaluating alternative scenarios for land use/redevelopment, local road connectivity, transit routing, and bicycle/pedestrian circulation in all four quadrants of this intersection.
- Monitor and provide assistance as needed to WisDOT with corridor preservation studies focused on access management, safety and traffic operations, including the continuing USH 12 and USH 18/151 freeway conversion studies and STH 19 (USH 12 to STH 89) access management/corridor preservation study.

### **Transportation Demand Management (TDM) & Other Transportation Planning (11.3 person-months)**

- Continue to provide ride-matching services and promotion of alternative transportation, including administering incentive programs, distributing e-news updates, and coordinating advertising/marketing campaigns with TDM partner agencies and organizations.<sup>2</sup>
- Continue conducting Rideshare/Transportation Demand Management (TDM) programs for major employers and coordinating employer outreach with other agencies and organizations.
- Develop TDM strategies and integrate them into ongoing transit, vanpooling, ridesharing, bicycling, and walking promotion. This includes continuing to work with TDM partner agencies and organizations on the Love to Ride program and a potential pilot Smart Trips program.
- Continue to provide assistance to Madison & Dane County Health Department and others with Safe Routes to School program promotion and activities.
- Provide transportation planning assistance to the Capital Area Regional Planning Commission (CARPC), including transportation analyses for proposed urban service area amendments and for CARPC's future urban development area planning process.

### **Transportation Administration/Service (9.0 person-months)**

- Continue functions required to develop and manage the MPO's work program and budget.
- Continue staffing support to the MPO Policy Board and advisory committees.
- Continue work to involve other transportation committees and the general public in the transportation planning process, including responding to requests for data and information.

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<sup>2</sup> Major planning project(s)