

**POLICY DEVELOPMENT**

Core Program Oversight: Jill Leary

Team: R. Blankenhorn, B. Delano, L. Deuben, T. Garritano, J. Hardy, D. Kopec, G. Smith, M. Maloney

The overarching aim of this program is to provide research, analysis and development of polices to support, promote and integrate transportation and land use planning. Another vital goal is to improve CMAP's capacity to understand and communicate the significant impacts that land-use and transportation decisions have on each other and housing, economic and community development, natural resources, and human services. This project will also coordinate the policy development activities across all functions of the agency.

**Regional Impact Assessment Demonstration—Developments of Regional Importance (DRI)**

Team: R. Blankenhorn, J. Leary, D. Kopec, K. Wies, C. Bozic, J. Schaad

Products: Draft report on the regional impacts of a "project of regional significance".

Description: Establish a prototype regional review process that defines the regional context and implications of large scale land use and transportation proposals. This is a function of the regional planning agency explicitly called out in the legislation.

**Project Administration**

Project Manager: Matt Maloney

Description: Establishment of procedures for the initiation, planning, staffing, communication, and monitoring of projects across the agency. Implementation of these procedures is necessary to reach the overall goal of increasing efficiency and effectiveness agency-wide. Successful project administration should include coordination with executive staff and project managers to articulate the agency vision and establish target outcomes.

Products: Annual work plan and work plan updates, monthly progress reports and quarterly reports with a steadily evolving emphasis on the creation of a budget and work plan to mirror agency expectations.

**CMAP & MPO COMMITTEE SUPPORT**

Core Program Oversight: Jill Leary

Team: P. Berry, R. Blankenhorn, J. Bright, B. Delano, L. Deuben, T. Dixon, T. Garritano, D. Kopec, J. Allen, H. Morgan, Y. Pineyro, T. Loftus, K. Leigh, R. Pietrowiak, J. Schaad, G. Smith, D. Thompson, T. Warner, A. Weiskind

Provides staff support to the CMAP Board, the MPO and the committees that report to both policy boards.

**COORDINATED OUTREACH**

Core Program Oversight: Gordon Smith

Team: J. Allen, J. Bright, J. Hardy, L. Lawson, H. Morgan, Y. Pineyro, A. Weiskind,

Effectively communicate and engage elected officials, agency partners and the residents of northeast Illinois on CMAP and regional planning issues and initiatives to provide them with current, accurate information to make better informed decisions. This project will facilitate the region's participation in the transportation and comprehensive planning process.

### **Work Program Design for Outreach Development**

Project Manager: Hubert Morgan

Team: J. Bright, J. Hardy, Y. Pineyro, L. Lawson

Description: Develop outreach strategies to identify the interested and affected public, design and implement outreach activities to facilitate public participation, develop a schedule of activities to cover the region, and identify the staff commitments to accomplish each task.

### **Outreach Database**

Project Manager: Sherry Kane

Team: J. Allen, J. Bright, L. Tiedemann

Description: The Public Participation Plan identifies a number of on-going initiatives that allow CMAP to reach the public. Staff will design and develop a comprehensive database of "our interested public", including elected officials, planning professionals, civic and community organizations, and youth groups.

### **Designing the Engagement Process**

Project Manager: Hubert Morgan

Team: J. Bright, J. Hardy, Y. Pineyro, L. Lawson

Description: In consultation with Agency staff, identify the information the public needs to facilitate effective public participation in CMAP decision-making processes and design and develop materials to increase the public's understanding of regional and local planning (consider language barriers).

### **Engagement Opportunities**

Project Manager: Hubert Morgan

Team: J. Bright, J. Hardy, Y. Pineyro, L. Lawson

Description: Provide (workshops, conferences, forums, and events) for the public to engage in planning dialogue. The scope of this work will include Planning and Elected Officials Workshops, Professional Conferences, Public Forums, and Regional Conversations.

### **Outreach Reporting and Assessment**

Project Manager: Hubert Morgan

Team: J. Allen, A Weiskind

Description: CMAP intends to measure and evaluate our work, and share those evaluations with the public. Reporting from CMAP workshops, forums, and other public activities will be shared in report form, written and posted on CMAP's webpage.

## **PLAN AND SCENARIO DEVELOPMENT**

Core Program Oversight: Don Kopec, Kermit Wies

Implements our mission to integrate transportation and land-use planning. Develop the methodology, data and information resources, modeling and planning tools and engagement process to create a Regional Comprehensive Plan.

### **Regional Comprehensive Plan Development**

Project Manager: Bob Dean

#### **Vision Development**

Project Manager: Hubert Morgan

Team: Lindsay Banks, Bob Dean, Lee Deuben, Amy Talbot (other staff will be involved to a lesser degree)

Product: Regional vision document that describes the desired future state of the region in a narrative format. This is expected to be adopted in March 2008 after committee and public involvement processes.

Description: The regional vision will be included in the Regional Comprehensive Plan and will be the first interim work product in the development of the plan. It will also be the primary source for the development of indicators that will be used in the scenario evaluation process. The development process will involve several activities, listed below. Each of these will have different staff leadership.

- holding a visioning event on September 12 (Deuben)
- organizing a photography contest (Talbot)
- creating the draft regional vision (Johnson)
- coordinating committee involvement in vision development (Dean)
- planning and implementing a public involvement process to gather input (TBD)
- promoting the final regional vision (TBD)

#### **Regional Snapshot Reports**

Project Manager: Bob Dean

Team: Lindsay Banks, Lee Deuben, Jesse Elam, Jon Hallas, Ross Patronskey, plus additional staff as other topics are identified (other staff will be involved to a lesser degree)

Product: Quarterly snapshot reports on specific planning issues.

Description: These reports will study planning issues such as sustainability, jobs-housing balance, and others, which will need to be addressed in the Regional Comprehensive Plan. These provide baseline information concerning these planning issues and their relationships to CMAP's areas of focus. The preparation of each snapshot will be managed individually, though consistent results will be achieved. Snapshots currently being prepared are listed

below.

- sustainability (Elam)
- jobs-housing balance (Deuben)
- aging and ethnicity (Hallas)
- infill (Banks)
- air quality (Patronsky)
- other reports to be added as the year progresses

## Strategy Analysis

Project Manager: Bob Dean

Team: Lindsay Banks, Matt Maloney, and multiple agency staff.

Product: Series of white papers on the strategies identified for potential inclusion in the Regional Comprehensive Plan.

Description: The strategy analysis will be a central piece of the scenario evaluation process. It will identify potential implementation strategies and analyze what would occur if these strategies were implemented, using sample indicators to guide the research process. Approximately 50 strategies are currently expected to be analyzed through this process. Each white paper will be led by a different staff person, though fairly consistent results will be achieved. The strategies can be grouped into several categories which correspond to the working committees. Listed below are the categories and the staff person who will be most involved in research in these categories, although many more staff than this will lead research projects.

- economic development (Rademacher)
- environment (Elam)
- housing (Deuben)
- human services (Pietrowiak)
- land use (Banks)
- transportation (Murtha)

Also, other activities, listed below, will support the strategy research.

- committee coordination (Dean)
- intern management
- public involvement, primarily through internet (Dean)

## Scenario Development

Project Manager: Bob Dean

Team: Jesse Elam, Kermit Wies, new planning staff (other staff will be involved to a lesser degree)

Product: Approximately five scenarios which combine complementary strategies to create a plausible set of future conditions.

Description: Scenario analysis will be the focus of the Regional Comprehensive Plan process. This work item will develop the content of the scenarios which will be analyzed. Scenario development will also include the finalization of indicators identified in the regional vision. Neither of these processes will be fully completed during FY 08. A few unique activities make

up this effort. These and the staff leadership for them are listed below.

- scenario construction
- indicator development
- committee coordination
- public involvement

## **COMMUNITY & TECHNICAL ASSISTANCE**

Core Program Oversight: Bola Delano

The Community and Technical Assistance program provides direct assistance to local agencies and officials to support coordination and consistency between local plans and regional planning efforts. Project teams work together to 1) develop stronger communication links with our region's units of government, 2) respond rapidly to inquiries, 3) provide technical expertise through an on-line clearinghouse and face-to-face meetings, and 4) document and monitor the nature of the requests. Staff members serve as the lead conveners for discussions among municipalities and encourage regional problem-solving, long-term visions, and informed decisions. The project list below describes the primary deliverables for this fiscal year, but it is not necessarily comprehensive in scope. The portfolio of projects may change rapidly depending upon the quantity and nature of external technical assistance requests.

Team: T. Warner, J. Hallas, L. Heringa, B. Kiley, S. Okoth, S. Ostrander, B. Rademacher, D. Ferguson, J. Schaad, D. Morck, P. Reise, L. Lawson, H. Morgan, G. Smith, A. Weiskind, D. Clark, J. Pfingston, S. Perpignani, and other relevant staff from the areas of planning and programming, external relations, and research and analysis.

### **Local Community Planning Support**

Project Manager: Ty Warner

Staff: Sef Okoth, Stephen Ostrander, Brian Rademacher, Bill Kiley, Joy Schaad, Erin Aleman, Jon Hallas, Hubert Morgan, LynnToi Lawson, Paul Reise and other relevant planning officers.

Description: Help guide communities in determining their goals, their options, and the best course of subsequent action.

Products: Suite of Applied Resource tools, including Centers Toolkit, Plan Builder, Economic Impact Model, and expansion of Full Circle project. Conduct a series of leadership workshops across the region using the Centers Toolkit in a participatory framework. Develop plan commissioner training in tandem with members of the External Relations department. Convene County Planning Directors meetings to provide a forum for regional coordination of planning activities. Continue coordination on FRA "Swift Rail" Act and provide support to communities in understanding its implications.

### **Technical Assistance Information Clearinghouse**

Project Manager: Stephen Ostrander

Team: Kermit Wies, Doug Ferguson, Jon Hallas, Erin Aleman, Brian Rademacher, David Morck and External Relations group.

Description: Clearinghouse to help communities utilize and have easy access to technical assistance services.

Products: Develop an interactive 'one stop shop' Technical Assistance website portal to include information dissemination, Web site tutorials, and provide structure for web-based resource guidance. Also, this project will produce a Technical Assistance Provider database, integrated with an interactive Web site, to provide an avenue of communication for technical assistance efforts across the region and among multiple providers.

### **Regional Greenways and Trail Plan Update**

Project Manager: Lori Heringa

Team: T. Murtha

Description and Products: The 2008 northeastern Illinois Regional Greenways and Trail Plan will consist of update and refinements to the 1997 regional greenways and trails map and accompanying text document. The greenways and trails map will be in brochure format with an executive summary on the reverse, inset maps of A, B, and C quality streams, the Grand Illinois Trail and the Northeastern Illinois Regional Water Trails Plan. The text document will include: objectives, actions, priority greenway and trail connections, other green- related maps and description, GIS analysis and discussion of the updated map, charts, and other relevant content.

### **Dissemination of Best Planning Practices and Local Plan Review**

Project Manager: Ty Warner

Staff: Sef Okoth, Jon Hallas, Lori Heringa, Erin Aleman, Stephen Ostrander and individuals in External relations and Planning teams.

Description: Adopt a set of best practices for regional planning and assist in evaluating local plans.

Products: Assess local planning area effectiveness, Update "compendium of plans" to encourage currency of local planning efforts, establish comprehensive plan reviews to assist in regional policy, create an inventory of Model Ordinances & Ordinance Resource database, urban design resource capacity.

### **Funding and Community Fiscal Tool Guidance**

Project Manager: Brian Rademacher

Team: Dave Morck, P. Reise

Products: Regional business park maps showing land availability, target industry reports, maps/diagrams and models showing impacts of economic development on transportation. Tool-kit linking economic development and transportation.

Description: Compile information on national programs, assisting communities as they seek grants and funding. Develop information on economic development tools and application, set up resource arm for communities to assist in finding funding resources including providing necessary technical information and census data. Provides economic development professionals and the private sector with tools and information to enable them to be more effective in their participation in the planning process

### **External Data Requests**

Project Manager: Jon Hallas

Team: David Clark, Sandy Perpignani, Sef Okoth, Jack Pfingston, Lori Heringa

Product: Documentation of technical assistance requests to the agency. Documentation of responses to data and information requests from public and planning partners, including responses to census-related inquiries. Provide municipalities with information and research assistance in areas such as demographics, socioeconomics and best practice models. The program is designed to build the capacity of the region and enable communities to make informed development choices

Description: Provide data, information, and analysis reports as a courtesy service to regional planning and other interested partners. Respond to Census-related data requests and refer whenever possible to other sources. Prepare special summary statistics and data in support of requests related to CMAP's mission.

### **DATA COLLECTION**

Core Program Oversight: Kermit Wies

Includes tasks needed to prepare primary datasets that originate with CMAP as well as those developed by other sources. Data collection is an important aspect of CMAP's expanded planning responsibilities. It permits the integration of environmental, transportation, housing, economic development, socio-economic and land use planning data. These efforts will be critical to establishing base datasets for evaluating projects of regional significance.

### **Data Collection Technology Demonstration**

Task Manager: Greg Sanders

Team: Solo with contractor assistance.

Products: Planning datasets resulting from data collection programs that employ wireless communication and internet technology to rapidly update content.

Description: This task is intended to expand the Full Circle mapping system to include a wider variety of data types, including transportation facility inventory. Technical enhancements include incorporating GPS capabilities into hand-held data recording devices. Data collection in new areas will be important to CMAP's expanded planning responsibilities.

### **Land Use Inventory**

Project Manager: David Clark

Team: J. Drennan, E. Pedersen

Products: GIS-based dataset of observed land use categories region-wide. User documentation. Manager documentation.

Description: Informs environmental and land use planning work and is used in validating growth projections. Manual review of primary source materials such aerial photographs. NIU currently provides contract support.

### **County and Municipal Socioeconomic Projections**

Project Manager: Jack Pfingston

Team: D. Clark, External relations support during fieldwork.

Products: Interactive GIS application (Paint-the-Town) and in-person interviews with municipal and county staff.

Description: Historically scheduled to correspond to long-range planning cycle, but is better suited to function as an ongoing generic data resource rather than being so strongly tied to plan development.

### **Household Travel and Activity Inventory**

Project Manager: Kermit Wies

Team: Bulk of work under consultant contract. A. Fijal, S. Perpignani,

Products: Tabular datasets of household travel behavior.

Description: Substantial one-time survey research effort being carried by a large consulting team.

Travel inventory is critical to validating existing travel models and advancing travel model development.

### **Transportation System Inventory**

Project Manager: Craig Heither

Team: Jon Hallas, Biljana Dekic, Erik Pedersen, interns working under contract with Argonne National Labs.

Products: Tabular datasets of transportation system infrastructure. Also, a catalog of transportation system data sources (primarily IDOT/ISTHA) data sources. Management documentation.

Description: These datasets are used to represent the transportation system when evaluating costs, benefits and environmental impacts under a variety of planning and investment scenarios.

Tasks are driven by project applications and changes in required analysis formats.

### **Internal Data Library Management**

Project Manager: David Clark

Product: Organization of shared internal data library. Catalog and maintain metadata for agency base data and product.

Description: Development and organization of a dataset organization system. Ongoing organization and management of data resources.

### **Local Crash Data Collection**

Project Manager: Jan Drennan

Team: TBD

Product: GIS compatible data.

Description: Conversion of 2001-2004 fatality and Class A injury crash data to a coordinate format compatible with GIS system.



## **DATA EXCHANGE AND DISSEMINATION**

Core Program Oversight: Kermit Wies

Needed to facilitate the electronic exchange of raw data within and between CMAP and other agencies and organizations. Establishing strong and robust data exchange agreements and protocols between governments and organization is critical to maintaining current and credible planning data resources.

### **Data Exchange Technology Demonstration**

Project Manager: Greg Sanders

Products: Planning datasets resulting from interagency data exchange programs that provide the foundation data used in wireless and internet data collection efforts.

Description: This project is intended to demonstrate the IDEA (Illinois Data Exchange Affiliates) objective of expanding and institutionalizing data sharing agreements between governments and organizations. An example might include the Partnership for New Communities need for a liaison with city and county agencies for housing and neighborhood base data.

### **Housing and Employment Data Exchange**

Project Manager: Dave Morck

Team: D. Clark, E. Pedersen, J. Pfingston

Product: Catalog of regional employment (primarily IDES, but possible Dept. of Revenue) employment data sources. Catalog of regional household unit (primarily ComEd) data sources. Strategic plan for upgrading product. Tabular dataset of proposed and observed changes in land use regionwide. User documentation. Manager documentation.

Description: Provides information for planning baseline analysis. Also provides interesting outreach and agency promotional opportunities. Receipt of IDES, Revenue, ComEd or other employment data records. Preparation of summary statistics and data formats usable in socioeconomic forecasting. Informs economic development and land use planning work and is used in validating projections. Can be expanded to serve as a principal data set for evaluating "projects" of regional significance. Ongoing manual review of primary source materials such as media coverage and field inspections. Basic data entry. Consultant currently maintains database structure.

### **Data Dissemination Technology Demonstration**

Project Manager: Greg Sanders

Team: R. Krell

Description: This project is intended to demonstrate the IDEA (Illinois Data Exchange Affiliates) objective of providing real-time availability of rapidly changing data points. Examples include building permits, real estate transactions and vehicle crashes. Rapid turnaround of baseline planning data provides unprecedented currency to planning problem identification.

### **Internet Mapping Service**

Project Manager: Greg Sanders

Team: R. Krell

Product: Internet data display and delivery application. User documentation. Management documentation.

Description: Valuable asset to communicating plan and program data to public. Design and development of product. Maintenance.

## **URBAN SYSTEM MODELING**

Core Program Oversight: Kermit Wies

Maintains and advances industry practice of mathematically simulating and forecasting the interaction of public policy decisions and private behavior. State-of-the-practice travel demand modeling is maintained in order to effectively predict the outcome of transportation investment decisions. Expanding the scope of modeling to predict land use outcomes is part of a larger effort to establish a set of policy responsive modeling and forecasting tools for regional planning. Specific applications of advanced practice transportation modeling to management and operations planning and evacuation scenario planning are being pursued. The current travel models are "state -of-the-practice" but must be maintained and improved for use in demonstrating air quality conformity. The models are also a reliable and trusted source for transportation project planning and engineering work.

### **Land Use Model Development**

Project Manager: Kermit Wies

Product: Demonstrate successful transfer of data between regional travel demand models and prototype regional land use model.

Description: Part of a larger effort to establish a set of policy responsive modeling and forecasting tools for regional planning.

### **Advanced Travel Model Development**

Project Manager: Craig Heither

Team: Staff data assistance resources.

Product: Demonstrate successful transfer of data between regional travel demand models and prototype traffic microsimulation model.

Description: Part of a larger effort to establish a set of policy responsive modeling and forecasting tools for regional planning. Specific applications to management and operations planning and evacuation scenario planning have been proposed. Establish data transfer methods and identify enhanced data needs of microsimulation procedures.

### **Regional Travel Demand Model Maintenance**

Project Manager: Claire Bozic

Product: Regional travel demand forecasts and documentation using current set of approved regional travel demand models.

Description: The current models are "state-of-the-practice" and approved for use in demonstrating air quality conformity. They are also a reliable and trusted source for small area traffic projections and provide critical inputs to transit project modeling work.

### **Regional Growth Forecasting**

Project Manager: Kermit Wies

Team: Jack Pfingston (inventory), David Morck, Sandy Perpignani, Regional Comprehensive Plan staff

Product: Dataset that quantifies baseline assumptions of future levels and distribution household and employment change.

Description: The forecasts provide the baseline ("do-nothing") assessment of future regional socioeconomic patterns. They provide a "point of departure" for testing any planning or policy scenarios intended to steer the region toward a different future socioeconomic distribution.

## **INFORMATION TECHNOLOGY MANAGEMENT**

Core Program Oversight: Matt Rogus

Information Technology Management refers to the design, acquisition, deployment and management of computing, telecommunications and data resources at CMAP. We will enhance our local area network, Web services and telecommunication links to function effectively and efficiently.

### **Web Server Management**

Project Manager: Lance Tiedemann

Team: M. Rogus, consultant team.

Product: Functional interface between internal network and Internet.

Description: Daily management and monitoring of internet protocols and processes.

### **Internal Server Management**

Project Manager: Matt Rogus

Team: P. Dubernat, consultant team.

Product: Functional interface between agency workstations and storage area network.

Description: Daily management and monitoring of internal workstation and server protocols and processes.

### **Application software management**

Project Manager: Matt Rogus

Team: P. Dubernat, consultant team.

Product: Maintained software applications.

Description: Periodic assessment of software needs and oversight of license agreements.

### **Office Systems Management**

Project Manager: Matt Rogus

Team: P. Dubernat, L. Tiedemann

Product: Maintained telephone, entry security, digital recording systems

Description: Daily monitoring of office systems, principal contact with vendor maintenance contractors.

## **TRANSPORTATION IMPROVEMENT PROGRAM**

Core Program Oversight: Don Kopec

Develops the region's Transportation Improvement Program (TIP). The region, through the MPO, is required to develop and maintain a fiscally constrained TIP which is conformed to the State's Implementation Plan to attain national air quality standards. In addition to the fiscal and air quality considerations, other federal and good planning elements are addressed within the TIP. An important element of the TIP is the programming of the Congestion Mitigation and Air Quality Improvement Program.

### **TIP Development and Amendments**

Project Manager: Teri Dixon

Team: P. Berry, P. Frank, G. Johnson, D. Kopec, L. Kos, R. Patronsky, H. Ostdick, J. Allen, J. Bright, L. Lawson, G. Smith

Products: New Transportation Improvement Program as needed; amendments to the TIP including required air quality conformity analysis and public comment.

Description: Level of effort dependent upon the number and nature of program amendments requested.

### **TIP Changes / Database Management**

Project Manager: Teri Dixon

Team: P. Berry, P. Frank, G. Johnson, D. Kopec, L. Kos, R. Patronsky, H. Ostdick, D. Ferguson

Products: TIP update with changes as required by project implementers, excluding changes defined as an amendment; a database of TIP projects containing information required by both programming partners and the public.

Description: Ongoing effort driven by number of changes required by project sponsors, historically numbering in the range of two to three thousand per year.

### **Programming Local Projects**

Project Manager: Holly Ostdick

Team: P. Berry, T. Dixon, G. Johnson, D. Kopec, A. Nicholas, T. Palzer, H. Ostdick

Product: The initial year will require extensive procedural development. Subsequent years will require monitoring of projects through the process established.

Description: Beginning with the CMAQ program, the agency will take a much greater role in the tracking of projects from inclusion in the TIP through implementation. Significant amounts of unobligated funds in the CMAQ program have generated a directive from the Policy Committee to develop procedures that will improve the obligation rate of this program. Conversations with Council of Mayors Executive Committee members have indicated an interest in expanding this effort to include the STP program. Also, produce a federally required financial statement indicating both the RTP and TIP meet the regulatory requirements. Track legislation for federal, state and local transportation funding initiatives.

**CMAQ Program Development**

Project Manager: Doug Ferguson

Team: R. Patronsky, P. Berry, B. Dekic, T. Fifer, G. Johnson, L. Kos, A. Nicholas, D. Rice

Products: Annual CMAQ program

Description: Annual process involving the solicitation of projects proposals; evaluation of the air quality benefits of approximately 200 proposals in terms of the reduction in VOCs, NOX, vehicle trips and vehicle miles traveled. Will also include work on the process improvement, monitoring and database management and post implementation evaluation of emission benefits.

**Conformity**

Project Manager: Ross Patronsky

Team: P. Berry, B. Dekic, P. Frank, D. Kopec, C. Heither, K. Wies

Products: Conformity Analysis

Description: Northeastern Illinois does not attain national ambient air quality standards for certain pollutants. It is classified as a moderate non-attainment area for the 8-hour ozone standard, and a non-attainment area for the annual fine particulate matter (PM2.5) standard. It must implement a transportation program which will help to reduce levels of these pollutants to national standards by 2010. As part of the transportation planning and programming process, the impact of proposed transportation activities on the region's air quality is evaluated. This evaluation, called a conformity analysis, is submitted to the Illinois Environmental Protection Agency and US Environmental Protection Agency for their review before a long-range regional transportation plan or Transportation Improvement Program (TIP) is approved. The conformity analysis must demonstrate that the emissions resulting from the plan or TIP meet the requirements of ("conform with") the regulations governing air quality.

**STRATEGIC TRANSPORTATION INITIATIVES**

Core Program Oversight: Don Kopec

Addresses the need to effectively manage the region's transportation system. The management and operational strategies developed will include intelligent transportation systems and bicycle and pedestrian policies. Tasks within this project will also provide highway and transit assistance to project implementers, including support for transit New Starts projects. Efforts to improve the

safety of the transportation system will be included in this project.

### **Intelligent Transportation Systems (ITS)**

Project Manager: Claire Bozic

Team: D. Kopec, T. Murtha, D. Rice

Products: Currently there is a consultant contracted project underway to update the regional ITS Architecture as required by federal regulations. It is not possible that this consultant effort will be completed during FY07. Additionally, an ITS element of the RTP needs to be developed.

### **Congestion Management Process**

Project Manager: Tom Murtha

Team: C. Bozic, B. Dekic, T. Fifer, P. Frank, D. Kopec, L. Kos, T. Murtha, A. Nicholas, J. O'Neal, T. Palzer, J. Rodriguez, D. Rice

Products: Federally required Congestion Management Process.

Description: SAFETEA-LU instituted the replacement of the Congestion Management System with the Congestion Management Process. Developmental work will be required to identify those elements of a CMP that are not currently part of the region's CMS. Includes management and operations, non-central city park and ride, major incident management, ramp HOV, signal inventory, congestion safety and monitoring, and energy analysis.

### **Highway and Transit Assistance**

Project Manager: Claire Bozic

Team: B. Dekic, D. Kopec, D. Rice, E. Pedersen, J. Rodriguez

Products & Description: Traffic projects for state, county and municipal partners needed to design improvements; provide assistance to the transit agencies for their New Starts applications.

### **Bicycle and Pedestrian Plan Implementation**

Project Manager: Tom Murtha

Team: D. Kopec, J. O'Neal

Products & Description: Task force support; pedestrian safety initiative; provide support for bike-ped planning workshops (a current consultant contract likely to carry over into FY08); provide assistance to local communities with the implementation of bike-ped plans; completion of Soles and Spokes Plan.

### **Freight Analysis**

Project Manager: New Freight Planner

Products: Compilation of current data and information into an easily accessible database, a report outlining freight performance measures for the region and a report outlining the impact of freight of job creation.

Description: Intermodal operations and freight research to enhance the integration and connectivity of the transportation system, across and between modes for people and freight. Regular meetings will be conducted to encourage involvement from all sectors of the freight

industry.

## **WATERSHED AND ENVIRONMENT PLANS**

Core Program Oversight: Don Kopec

This project is in collaboration with local stakeholders including municipal decision makers. CMAP coordinates community –based watershed planning initiatives that seek to conserve and/or remediate water quality and other natural resources. Watershed planning is increasingly being used to support other State programs that are designed to either promote resource stewardship or comply with federal and state environmental laws or both.

### **Water Supply Study**

Project Manager: Tim Loftus

Team: J. Elam, S. Perpignani, A. Talbot, H. Ahmed, J. Pfingston, Y. Pineyro

Product & Description: The project fulfills Governor Blagojevich's Executive Order 2006-1 with CMAP working in conjunction with the Illinois Department of Natural Resources, Office of Water. CMAP will convene, lead, and support a Regional Water Supply Planning Group (RWSPG) that is responsible for plan recommendations, develop water-demand scenarios to 2050 using expanded population projections, facilitate outreach and education, and ultimately produce a regional water supply plan in coordination with the RWSPG for the eleven-county water planning region.

### **Water Quality Review – Facilities Planning Area (FPA) Process**

Project Manager: Dawn Thompson

Team: David Clark, Tina Garrett, Belinda King

Products: To provide recommendations to the IEPA of support or non-support for proposed amendments to the Illinois Areawide Water Quality Management Plan. Products also include: quarterly progress reports on area-wide water quality activities; an annual water quality activities report; updates to the Designated Management Agency tabular file; and annual updates to FPA boundary maps.

Description: An FPA is defined as "a centralized sewer service area to be considered for possible wastewater treatment facilities within a 20-year planning horizon." CMAP is the designated water-quality management agency for the seven-county region, with responsibility for reviewing wastewater permits, facility plans, and boundary amendments to ensure consistency with the Illinois Water Quality Management Plan. CMAP's Wastewater Committee conducts reviews of requested amendments to the Plan and makes recommendations to the Illinois EPA, which maintains decision-making authority for amendments to the plan.

### **Volunteer Lake Monitoring Program (VLMP)**

Project Manager: Holly Hudson

Product: Technical assistance, training, maps and monitoring forms and fact sheets.

Description: Coordinate Illinois EPA's VLMP for the seven-county region, including over 100 volunteers at approximately 80 lakes.

### **Watershed Plan Upgrades**

Project Manager: Tim Loftus

Product: Six watershed plans

Description: The watershed plans will achieve USEPA/IEPA compliance as they address numerous causes and sources of water quality impairment throughout the region. Funding is from a Section 319 Grant of the Clean Water Act and distributed through the IEPA Bureau of Water.

### **Kishwaukee River Basin Planning**

Project Manager: Tim Loftus

Team: J. Elam, H. Ahmed

Product: Three watershed plans.

Description: In partnership with the Kishwaukee River Ecosystem Partnership members, the plan is expected to address the nine components of a watershed-based plan that are required with funding through Section 319 and IEPA, utilizing the Basinwide Management Advisory Group (B-MAG) framework. These plans will be the first to be considered for incorporation into areawide water quality management plans.

### **Fox River Watershed Planning, Restoration, and Protection (Ph 2)**

Project Manager: H. Hudson

Team: K. Leigh

Product: For each project- specifications, permits and agreements, and implementation Plan. Also Project evaluation and report, Progress reports, and other operation and maintenance plans

Description: Serving as the central lead agency, CMAP shall direct and review the individual nonpoint source pollution control projects proposed under this Agreement for consistency with the goals of the Integrated Management Plan for the Fox River Watershed and the Illinois Nonpoint Source Management Program report. CMAP shall provide financial and technical assistance to Kane County Department of Environmental Management, St. Charles Park District, City of St. Charles, Elgin Chapter Izaak Walton League Home Corporation, Friends of Lake Antioch Association, Prestbury Citizens' Association, Village of Lake in the Hills, Lake County Forest Preserve District, and other project participants during design and implementation of the various best management practices (BMPs) proposed under this Agreement for nonpoint source pollution control.

### **Fox and Des Plaines River Watershed Protection, Restoration and Education (Ph 3)**

Project Manager: H. Hudson

Team: K. Leigh

Product: For each project- specifications, permits and agreements, and implementation Plan. Also Project evaluation and report, Progress reports, and other operation and maintenance plans.

Description: Serving as the central lead agency, CMAP shall direct and review the individual



nonpoint source pollution control projects proposed under this Agreement for consistency with the goals of the Integrated Management Plan for the Fox River Watershed (where applicable), the Watershed Restoration Action Strategy for the Upper Des Plaines River (where applicable), and the Illinois Nonpoint Source Management Program report. CMAP shall provide financial and technical assistance to Kane County, Geneva Park District, City of Aurora, Village of Wheeling, and other project participants during design and implementation of the various best management practices (BMPs) proposed under this Agreement for nonpoint source pollution control.

### **Long Lake Shoreline Stabilization**

Project Manager: Holly Hudson

Product: Prepare design specifications, landowner agreements, design educational signage, report explaining the execution of the Long Lake shoreline Stabilization project.

Description: Serving as the central lead agency, the Recipient shall direct and review the nonpoint source pollution control project proposed under this Agreement for consistency with the goals of the Integrated Management Plan for the Fox River Watershed and the Illinois Nonpoint Source Management Program report. The Recipient shall provide financial and technical assistance to the Round Lake Area Park District during design and implementation of the various best management practices (BMPs) proposed under this Agreement for nonpoint source pollution control.

### **Maple Lake Phase 2 Clean Lakes Program**

Project Manager: Holly Hudson

Product: Annual aquatic macrophyte surveys and Phase 2 final report.

Description: Serve as technical advisor to the Forest Preserve District of Cook County for a lake rehabilitation and protection program at Maple Lake, located in the District's Palos Preserves in southern Cook County.

### **Lake Biodiversity and Protection Plan Development Pilot Project**

Project Manager: Holly Hudson

Team: P. Dubernat

Product: Develop lake biodiversity database, identify lake owners and managers, develop and conduct phone survey, determine specific threats, and expand LCHD-LMU database.

Prepare specific biodiversity protection & recovery plans

Description: This project will complete three lake-specific biodiversity protection and recovery plans, one each for an "exceptional," an "important," and a "restorable" lake. Lake County will be the pilot project area. CMAP and LCHD-LMU will identify, update, and centralize existing data from various sources; develop a database; and prepare the plans.

### **Jackson Creek Watershed Plan**

Project Manager: Jesse Elam

Team: K. Leigh, A. Talbot, H. Ahmed

Products: Watershed resource inventory, executive summary, full plan, full color poster documenting existing conditions and plan recommendations.

Description: Develop watershed based plan for Jackson Creek.

### **IIT Water Re-Use Opportunities**

Project Manager: Jesse Elam

Product & Description: The Principal Investigator (PI) at the Illinois Institute of Technology will develop an optimization model to guide decision-making for water reuse by agencies in charge of wastewater (WW) treatment and industrial end users. The main role for CMAP in the project will be to identify and organize stakeholders to provide advice on the development of the water reuse decision model and to disseminate the results of the study through communication with representatives of wastewater agencies and potential users. CMAP also proposes to "regionalize" the PI's reuse model within the eleven-county regional water supply planning area in northeastern Illinois to help identify areas where the construction of a separate distribution system for treated WW is economically advantageous.

## **ENVIRONMENTAL INITIATIVES**

Core Program Oversight: Don Kopec

Addresses the multitude of issues our region faces in protecting and enhancing our natural resources. This includes increased emphasis of the environmental impacts of transportation planning decisions as well as more robust analysis of environmental issues.

### **Project Review**

Project Manager: Dawn Thompson

Team: T. Garrett, B. King

Products: Monthly Project Notification Document

Description: As a service to local governments, the Chicago Metropolitan Agency for Planning (CMAP) issues this monthly project notification to apprise state legislators, local governmental officials, and other interested parties of applications for federal and state grants that may have an impact on their communities. The notification summarizes project descriptions submitted to CMAP. This project notification process affords local governments and others an opportunity to identify and address conflicts, duplications or weaknesses in a proposed project. The purpose is to promote the effective use of federal and state grants to further local and regional objectives.

### **Implementing a Green Infrastructure Vision**

Project Manager: J. Elam

Products: Planning and facilitating 3 roundtables and preparation of a summary document of the roundtables with recommendations for implementation.

Description: Develop a cohesive implementation plan within the Chicago Wilderness membership.

### **Regional Climate Change Strategy and Outreach**

Project Manager: Kerry Leigh

Products: Integration & Innovations Summit II and a Climate Change Regional Program Strategy  
 Description: The summit and strategy will be based on the creation of an educational and outreach program to assist communities in the region with understanding the issues that climate change may bring to their communities and to connect with the larger Great Lakes region on issues of broader regional significance that will impact northeastern Illinois.

**Sustainability Team Coordination**

Project Manager: Lori Heringa

Team: Amy Talbot, Joy Schaad

Products: Ongoing direction and oversight of the Sustainability Team; strategies and project development; public meetings; and interface with CW members and other teams.

Description: The primary role of the Team Coordinator is to provide strategic leadership support to the Sustainability Team co-chairs and team members working to promote sustainable development and best management practices in the region. Functions include providing direction and oversight for the Sustainability Team in employing their key strategies for planning and development that will lead to reaching the consortium's goals in protecting and enhancing biodiversity in the region; development of strategies and projects; managing task forces of the team; participation in the work plan process for Chicago Wilderness; and interfacing with CW members, teams, other stakeholders, and CMAP.

**Lake Michigan Academy**

Project Manager: Kerry Leigh

Products and Description: The Lake Michigan Academy model invites regional planning organizations to share their work and receive training on watershed issues so that they can conduct outreach to their constituents. CMAP will convene a conference, aimed at regional planning organizations around Lake Michigan but open to others as well, to deliver additional training and to consolidate the experience staff have had in working with their constituents on Lake Michigan issues over the past few years. Regional planning organizations will conduct implementation projects in their subwatersheds using techniques learned through the training.