

POLICY DEVELOPMENT

Core Program Oversight: Jill Leary

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

Provide research, analysis and development of policies to support, promote and integrate transportation and land use planning. This project will also coordinate the policy development activities across all functions of the agency.

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, L. Lawson, 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, 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.

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, Kerri Johnson, 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, 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)
- other reports to be added as the year progresses

Strategy Analysis

Project Manager: Bob Dean

Team: Lindsay Banks, Jesse Elam, Kerri Johnson (other staff will be involved to a lesser degree)

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 (Johnson)
- public involvement, primarily through internet (Dean)

Scenario Development

Project Manager: Bob Dean

Team: Jesse Elam, Kerri Johnson, 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 (Johnson)
- indicator development (Johnson)
- committee coordination (Dean)
- public involvement (TBD)

COMMUNITY & TECHNICAL ASSISTANCE

Core Program Oversight: Bola Delano

Provides direct assistance to local agencies and officials to support coordination and consistency between local plans and regional planning efforts.

Team: T. Warner, J. Hallas, L. Heringa, B. Kiley, S. Okoth, S. Ostrander, B. Rademacher, D.

Ferguson, T. Fifer, P. Frank, J. Bright, J. Hardy, K. Leigh, L. Lawson, H. Morgan, G. Smith, A. Talbot, A. Weiskind

Technical Assistance Coordination

Project Manager: Bola Delano

Team: Ty Warner, Bill Kiley, Jon Hallas, Erin Aleman, Doug Ferguson, Lori Heringa, Sef Okoth

Description: Develop stronger communication links with technical assistance providers in the region.

Products: Regular meetings of Technical Assistance Providers group, survey of Technical Assistance needs, establish key contacts, develop monitoring program for requests and issues, create rapid response team to respond to inquiries, update technical local planning information.

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, Technical Assistance Provider database

Environmental Services and Regional Coordination

Project Manager: Lori Heringa

Team: Amy Talbot, Sandy Perpignani, Bill Kiley

Description and Products: Convene, coordinate and provide technical assistance in partnership with CW to communities focusing on environmental and green issues. Integrate CMAP and CW goals and provide implementation strategies specifically related to sustainable development, green planning, and the environment.

Local Community Planning Support

Project Manager: Ty Warner

Staff: Sef Okoth, Brian Rademacher, Bill Kiley, Joy Schaad, Erin Aleman, Jon Hallas 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, expansion of Full Circle project. Conduct leadership workshops and plan commissioner training.

Applied Research and Decision Support

Project Manager: Bola Delano

Staff: All, Kerry Leigh, Dave Morck, Joy Schaad and Kermit Wies

Description: Provide municipalities with demographic, socioeconomic, market and other research

in order to improve the knowledge base from which communities make development choices.
 Products: Development of ILARIS tool (green infrastructure-based intrinsic values inventory), partner with RTA on RTAP (Regional Technical Assistance Program).

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.

Convener: Inter-Jurisdictional and Interagency Coordination

Project Manager: Bola Delano

Staff- All staff in Community and technical assistance

Products and Description: Be lead convener for discussions among municipalities, encouraging regional problem-solving, long-term visions, and informed decisions, and lead group of technical service providers. Establish regular meeting cycle of Technical Assistance providers, facilitate regular meetings of County planning directors, continued participation in American Planning Association session and panel events, regional trail development.

Funding and Community Fiscal Tool Guidance

Project Manager: Brian Rademacher

Staff: ED Intern

Products and 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.

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 regionwide. 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 as aerial photographs. NIU currently provides contract support.

Development Database

Project Manager: Dave Morck

Products: Strategic plan for upgrading product. Tabular dataset of proposed and observed changes in land use regionwide. User documentation. Manager documentation.

Description: 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.

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: Primarily interns working under contract with Argonne National Labs.

Products: Tabular datasets of transportation system infrastructure.

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. Pederson, 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. Management 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.

Transportation System Data Exchange

Project Manager: Jon Hallas

Team: J. Drennan

Product: Catalog of transportation system data sources (primarily IDOT/ISTHA) data sources. Management documentation.

Description: Provide information for planning baseline analysis. Also provides interesting outreach and agency promotional opportunities.

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.

Census Data Dissemination

Project Manager: Sandy Perpignani

Product: Responses to Census-related inquiries. Management documentation.

Description: Handle external Census-related data requests. Emphasis on assisting requestors with direct use of Census products. Preparation of special summary statistics and data in support of requests related to CMAP mission.

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.

External Data Requests

Project Manager: Kermit Wies

Team: D. Clark, J. Drennan

Product: Response to data and information requests from public and planning partners.

Description: Support implementation of plan recommendations undergoing further detailed study. Courtesy to regional planning partners. Retrieve or assemble requested data, analysis or evaluation products.

DATA ANALYSIS AND EVALUATION

Core Program Oversight: Kermit Wies

Interpreting internal and external data for use in plan development. Data analysis and evaluation tasks provide systematic quantitative baseline and scenario assessments of future regional planning scenarios. This will provide decision makers with an objective assessment of the outcomes of policy actions under consideration.

Regional Growth Forecasting

Project Manager: Kermit Wies

Team: Jack Pfingston (inventory), 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.

Regional impact assessment demonstration—Developments of Regional Importance (DRI)

Project Manager: Kermit Wies

Team: C. Heither, S. Perpignani

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. It is intended to fulfill a role similar to that of NEPA at the federal level.

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.

Economic Development Analysis

Project Manager: Brian Rademacher

Team: David Morck

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: 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.

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.

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

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

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

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: Patricia Berry

Team: T. Dixon, P. Frank, G. Johnson, D. Kopec, L. Kos, R. Patronskey, 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. Patronskey, 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: Patricia Berry

Team: 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.

Financial Analysis

Project Manager: George Johnson

Team: C. Bozic, D. Kopec

Product: Federally required financial statement indicating both the RTP and TIP meet the regulatory requirements.

Description: Track legislation for federal, state and local transportation funding initiatives.

CMAQ Program Development

Project Manager: Ross Patronskey

Team: P. Berry, B. Dekic, D. Ferguson, T. Fifer, G. Johnson, L. Kos, A. Nicolas, R. Patronskey, J. Rodriguez, 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 Patronskey

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, T. Vick

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,

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.

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

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

Project Manager: Dawn Thompson

Product: Recommendation to IEPA of support or non-support for proposed to the northeastern Illinois Water Quality Management Plan, quarterly progress reports on area-wide water quality activities, annual water quality activities report.

Description: Provide water quality management plan consistency reviews.

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, L. Heringa

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

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.

Facilities Planning Area (FPA) Process

Project Manager: Dawn Thompson

Team: T. Garrett, B. King

Products: Recommendations to IEPA on requested changes to FPAs in northeastern Illinois.

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

Implementing a Green Infrastructure Vision

Project Manager: J. Elam

Team: L. Banks

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

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.