



**OVERALL WORK
PROGRAM – 2002
SOUTHEASTERN
WISCONSIN REGIONAL
PLANNING COMMISSION**

**SOUTHEASTERN WISCONSIN
REGIONAL PLANNING COMMISSION**

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RESOLUTION NO. 2001-30

**RESOLUTION OF THE SOUTHEASTERN WISCONSIN REGIONAL PLANNING
COMMISSION APPROVING THE 2002 OVERALL WORK PROGRAM**

WHEREAS, the Southeastern Wisconsin Regional Planning Commission is charged with the responsibility of carrying out a long-range comprehensive planning program for the seven counties in the Southeastern Wisconsin Region and, as a part of that program, is presently engaged in a continuing, comprehensive, areawide, cooperative land use-transportation planning process pursuant to the provisions of the Federal Aid Highway Act of 1962 and the Federal Urban Mass Transportation Act of 1964, as amended by the Federal Intermodal Surface Transportation Efficiency Act of 1991 and the Transportation Equity Act for the 21st Century of 1998; and

WHEREAS, the Southeastern Wisconsin Regional Planning Commission has been designated by the Governor of the State of Wisconsin as the official cooperative, comprehensive, continuing, areawide transportation planning agency (Metropolitan Planning Organization, or MPO) under the rules and regulations promulgated by the U. S. Department of Transportation, Federal Highway Administration and Federal Transit Administration, with respect to the Kenosha, Milwaukee, and Racine urbanized areas; and

WHEREAS, the Southeastern Wisconsin Regional Planning Commission has prepared transportation plans for the Region which are consistent with applicable federal laws and regulations; and

WHEREAS, the transportation planning process conducted by the Commission specifically meets the Federal planning requirements set forth in the Code of Federal Regulations (23 CFR 450); and

WHEREAS, the aforesaid rules and regulations promulgated by the U. S. Department of Transportation, Federal Highway Administration and Federal Transit Administration, require that the MPO shall develop and approve an overall work program outlining the transportation planning tasks and projects to be undertaken in any given year; and

WHEREAS, the Southeastern Wisconsin Regional Planning Commission has, in carrying out its responsibilities as the MPO, prepared a draft overall work program for 2002, and submitted that draft work program to all concerned State and local officials; and

WHEREAS, the draft 2002 overall work program was reviewed with the cognizant Federal and State agencies at a meeting held on November 15, 2001, with the result that certain changes have been made and incorporated into a document entitled, *Overall Work Program-2002, Southeastern Wisconsin Regional Planning Commission*.

NOW, THEREFORE, BE IT HEREBY RESOLVED:

FIRST: That the programs, tasks, and projects proposed to be undertaken as described in the document entitled, *Overall Work Program-2002, Southeastern Wisconsin Regional Planning Commission*, are hereby endorsed and approved.

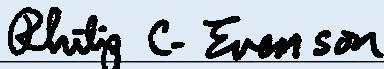
RESOLUTION 2001-30

SECOND: That a true, correct, and exact copy of this resolution and the document entitled, *Overall Work Program-2002, Southeastern Wisconsin Regional Planning Commission*, shall be transmitted to the Wisconsin Department of Transportation, the Federal Highway Administration, the Federal Transit Administration, and any other State and Federal agencies as may be deemed appropriate by the Commission Executive Director.

The foregoing resolution, upon motion duly made and seconded, was regularly adopted at a meeting of the Southeastern Wisconsin Regional Planning Commission held on the 5th day of December 2001, the vote being Ayes 18, Nays 0.


Thomas H. Buestrin, Chairman

ATTEST:


Philip C. Evenson, Deputy Secretary

THB/PCE/tj
11/21/01
resolution.doc

OVERALL WORK PROGRAM—2002
SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

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October 2001

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Chapter I

INTRODUCTION

THE REGIONAL PLANNING COMMISSION

The Southeastern Wisconsin Regional Planning Commission was established in 1960 under Section 66.945 of the Wisconsin Statutes as the official areawide planning agency for the rapidly urbanizing southeastern region of the State. The work of the Commission by law is entirely advisory in nature. The Commission was created to provide the basic information and planning services necessary to solve problems which transcend the corporate boundaries and fiscal capabilities of the 154 local units of government comprising the seven county Region. The seven southeastern Wisconsin counties of Kenosha, Milwaukee, Ozaukee, Racine, Walworth, Washington, and Waukesha are illustrated on Map 1.

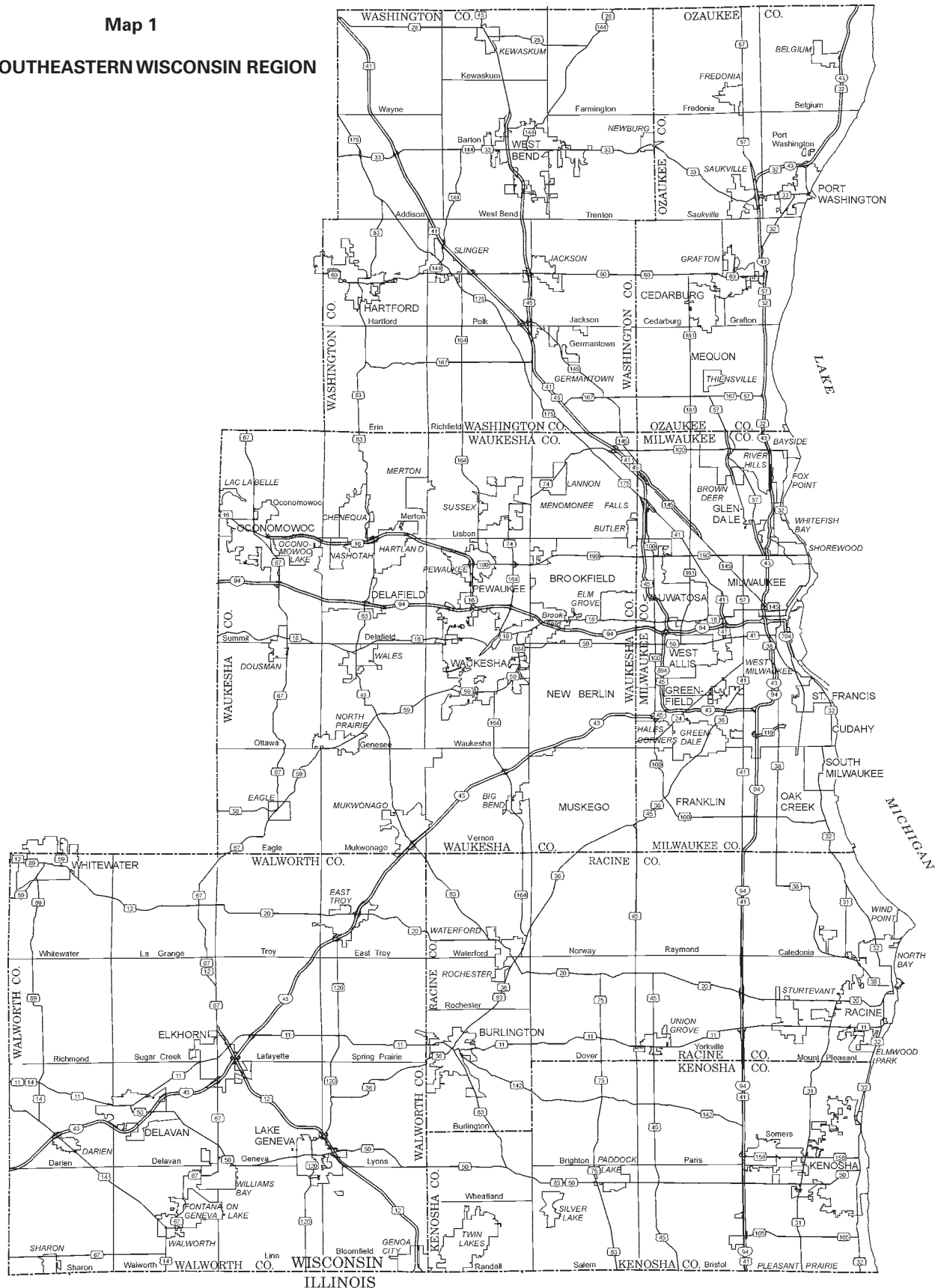
The Commission consists of 21 members, three from each of the seven member counties. The Commission is assisted in its work by numerous technical, citizen, and intergovernmental coordinating and advisory committees. These committees include both elected and appointed public officials and interested private citizens with knowledge in the Commission work areas. The committees perform a significant function in both the formulation and in the execution of the Commission work programs. The Commission staff consists of a core staff of full-time professional, technical, administrative, and clerical personnel, supplemented by additional temporary staff and consultants as required by the various work programs under way. The 2002 budget staff totaled 102, including 89 full-time and 13 part-time employees. The Commission staff is augmented from time to time by interagency staff assignments of professional and technical personnel. The Commission staff is organized into eight divisions. Five of these are planning divisions—Transportation, Environmental, Land Use, Economic Development Assistance, and Community Assistance—and have direct responsibility for the conduct of the Commission's major planning programs. The remaining three divisions—Administrative Services, Geographic Information Systems, and Cartographic and Graphic Arts—provide day-to-day support of the five planning divisions.

REGIONAL LAND USE AND TRANSPORTATION PLANNING

The Regional Planning Commission is the metropolitan planning organization (MPO) for transportation planning purposes. As the MPO, the Commission relies extensively on its various transportation-related advisory committees for guidance on transportation policy and projects, including the preparation of regional transportation plans and improvement programs. In terms of procedure, the Commission charges each committee with a specific task or tasks. The committee then works with the Commission staff in carrying out that charge, submitting a final report to the Commission for its consideration of the MPO. The Commission then acts as the MPO to accept and endorse the committee's report, modify and endorse the committee's report, or reject the report and direct the committee to review and reconsider its recommendations.

The Commission has conducted regional planning for Southeastern Wisconsin for 40 years, and initiated its first major transportation planning program in 1963. The Commission has always affirmed the need to conduct transportation planning in a cooperative and intergovernmental, as well as a sound technical, manner. All planning has been conducted on an integrated multi-modal basis, with highway, transit, and transportation systems management measures all given consideration since 1963. The planning has been conducted on a comprehensive basis with consideration given to the wide range of impacts of transportation, and the need to coordinate transportation planning with land use planning. The Commis-

Map 1
THE SOUTHEASTERN WISCONSIN REGION



Source: SEWRPC.

sion has emphasized the maintenance of a sound planning data base, since, without an intimate understanding of the current transportation system and of those factors that determine the need for transportation facilities and services of various kinds, sound transportation planning cannot be conducted. The Commission has conducted transportation planning in an integrated manner, with consideration given to regionwide and systemwide transportation coordination. The Commission, over the years, has also developed close working relationships with the local units of government in the Southeastern Wisconsin Region, including seven counties and 147 cities, villages, and towns, since the active participation of these units of government in the transportation planning process and the recommendations flowing out of that process are essential to plan implementation.

Current key transportation planning issues in southeastern Wisconsin include:

- A need to reconstruct nearly the entire freeway system within southeastern Wisconsin over the next five to twenty years. Prior to the reconstruction, the system design, safety, and congestion problems should be considered, and alternatives for redesign and improvement evaluated.
- A need to reconsider the jurisdictional highway system plans for each of the seven counties, both the arterial street and highway improvements recommended in each plan, as well as the jurisdictional responsibility recommendations of each plan. To address concerns about jurisdictional responsibility, there will be a need to review and reestimate the criteria for jurisdictional classification—trip service, land use service, and operational characteristics.
- A need to support preliminary engineering studies of arterial street and highway improvements, including assisting in identifying need, considering alternatives, and providing traffic forecasts and analyses. Preliminary engineering studies currently underway which have required such assistance include STH 164 and IH 94-Calhoun Road interchange.
- A need to continue to assist in the guidance of the operation and development of the transit systems of the region through the continuing preparation of three to five year short-range plans. Each system faces issues concerning service performance, improvement, and extension.
- A need to address the potential of rail transit as a transit alternative. The Commission is lead agency for an alternative, analysis study of commuter rail and bus alternatives in the Milwaukee-Racine-Kenosha corridor. The Wisconsin Center District is the lead agency for an alternative analysis study of light rail and bus alternatives as a transit circulator system in the Milwaukee central business district. The Wisconsin Department of Transportation is leading studies of high speed intercity rail service in the State of Wisconsin including service within southeastern Wisconsin. The Wisconsin Department of Transportation is also leading a study of improved passenger intermodal facilities in the Milwaukee central business district. The State of Wisconsin is a sponsor of a study of rehabilitation and improvement of the Amtrak terminal in the Milwaukee central business district.
- A need to coordinate regional transportation forecasts and planning with air quality planning conducted by the Wisconsin Department of Natural Resources. The Commission has the responsibility to analyze and determine the conformity of regional transportation plans and programs with the State of Wisconsin Air Quality Implementation Plan (SIP). The conformity of the regional plan must be assessed at least every three years, and of programs at least every two years, and whenever plans and program are amended. The Commission staff also has been working with WisDOT and WDNR staff to assure that there will be minimal potential for conformity failure. The Commission staff is participating with WDNR and WisDOT staffs and

other interests in establishing the SIP budget for the transportation sector which will be used to establish regional transportation plan and program conformity.

- A need for major reevaluation of the regional land use and transportation plans. As needed, or at least every ten years, the Commission conducts a major reevaluation of the regional plans. Annually, through the Commission's *Annual Report* and every three years through a review of the regional transportation plan, the Commission reviews the regional plans and determines whether the plans should be reaffirmed and, if needed, extended in terms of design year and modestly amended, or whether the plans should undergo a major reconsideration and update. This review of the regional plan considers the continued validity of plan forecasts, and the progress made towards implementation of the regional land use and transportation plans. The last major reevaluation of regional land use and transportation plans was initiated in 1990-1991 and was completed in 1994. The annual and triennial reviews of these plans have resulted in a continuing reaffirmation of these plans, along with minor amendment and design year extensions. However, even though the plans are still valid, it is time for a periodic major reevaluation, given the passing of 10 years since the last major reevaluation, and the availability of new year 2000 census data concerning the regional population, new year 2000 aerial photography documenting regional land use, and year 2001-2002 travel surveys describing travel habits and patterns.

SCHEME OF PRESENTATION

Chapters II through X set forth the detailed 2002 work programs for the regional land use, transportation, water quality management, floodland management, coastal management, planning research, community assistance, economic development, and administrative work programs. Each chapter includes descriptions for each individual project contained within the work program.

Chapter XI summarizes for each of the work programs a program budget, an activity schedule, a resource summary, and man-year estimates.

Chapter II

PROPOSED 2002 REGIONAL LAND USE PLANNING PROGRAM

INTRODUCTION

The proposed 2002 regional land use planning program consists of four projects divided into two basic tasks as follows:

<u>Task</u>	<u>Project Number</u>	<u>Project Name</u>
Data Base Projects	100-1000	Land Use Inventory
	100-2000	Land Platting Inventory and Special Environmental Assessments
	100-3000	Inventory of Community Plans and Zoning
Plan Extension and Refinement Projects	110-1000	Plan Implementation and Community Assistance
	110-2000	Regional Park and Open Space Implementation

The balance of this chapter consists of the presentation of individual project descriptions. The program budget is summarized in Chapter XI.

PROJECT 100-1000: LAND USE INVENTORY

Objective

To monitor change in land development in the Region and provide a current land use data base for use in all Commission planning activities.

Previous and Current Work

Regional land use inventories have been completed by the Commission for the years 1963, 1970, 1975, 1980, 1985, 1990, and 1995—those inventories having been conducted using one inch equals 400 feet scale ratioed and rectified aerial photographs, and one inch equals 400 feet scale orthophotographs (1995). Where possible, the 1995 land use inventory has been adjusted to match available cadastral data. In 2001, work was initiated on the update of the regional land use inventory to the year 2000.

Relationship to Other Activities

The regional land use inventory provides benchmark data on existing and historic land use in the Region—data that are essential to the Commission's land use planning, transportation planning, water quality planning, and community assistance planning programs. The land use inventory is also used as a basis for the development of the Commission's small-area population, household, and employment files. In addition, the land use inventory data are made available to county and local units of government and private interests in support of a wide range of public and private planning efforts.

An update of the regional land use inventory to the year 2000 is necessary for, and must be completed prior to, the next major reevaluation of the regional land use and transportation plans.

Work Description/Methodology

During 2002, work will continue on the year 2000 regional land use inventory. This process involves the comparison of 1995 and 2000 orthophotographs to identify changes in land use since the previous inventory, field verification of new land uses, as necessary, and digital encoding of the results. As part of this process, the land use delineations are done on an orthophotographic-cadastral base where digital cadastral data are available. In areas where digital cadastral data are available for the first time, this involves adjusting previous land use delineations—completed without the benefit of cadastral mapping—to the orthophotographic-cadastral base. In 2002, work will also be initiated on the update to the year 2000 of the companion inventory of environmental corridors and isolated natural resource areas in the Region.

Schedule

The year 2000 regional land use inventory, and the companion environmental corridor inventory, will be completed by spring 2003.

Products

Digital files of existing land use for 2000, and a companion environmental corridor file, adjusted to an orthophotographic-cadastral base where cadastral data are available.

Funding Source

<u>FTA</u>	<u>FHWA</u>	<u>WisDOT</u>	<u>SEWRPC (tax levy)</u>	<u>Total</u>
23%	57%	10%	10%	100%
\$46,600	\$113,400	\$20,000	\$20,000	\$200,000

PROJECT 100-2000: LAND PLATTING INVENTORY AND SPECIAL ENVIRONMENTAL ASSESSMENTS

Objective

To monitor current regional development patterns in relation to the adopted regional land use plan.

To provide inventory data, assessments, and evaluations, including field inspections and boundary stakings, of woodlands, wetlands, prairies, wildlife habitats, natural areas, critical species habitats, and fish and other aquatic life habitats in the Region.

Previous and Current Work

A historic platting inventory was initially completed for the Region in 1969; the inventory data have been updated annually since.

The conduct of detailed environmental inventories and assessments is an ongoing activity. Each year the Commission staff responds to numerous requests from State, county, and local units and agencies of government for detailed natural resource base information for potential development sites or other sites of concern.

Relationship to Other Activities

The platting inventory provides a basis for monitoring current development activity in the Region in relation to the regional land use plan. The results of the platting inventory are also used in the preparation of each new generation of the regional land use plan and in the preparation of county and local land use plans under the Commission's community assistance planning program.

The special environmental inventories and assessments precisely establish the boundaries of natural resource base features, thereby indicating how the open space recommendations of the regional plan apply to individual properties, an important step in plan implementation. In addition, the results of the special environmental inventories are incorporated into the Commission's natural resource base files, which are used in many of the Commission's planning programs.

Work Description/Methodology

As part of the platting inventory, copies of all subdivision plats recorded in 2001 will be obtained from the Wisconsin Department of Administration and from county Register of Deeds offices, as appropriate. Selected data—including the subdivision name, location by minor civil division and U. S. Public Land Survey quarter-section, date of recording, number of lots, lot size, dedicated areas, and type of sanitary sewerage facilities—will be computer encoded.

The special environmental inventories involve site-specific inventories of woodlands, wetlands, prairies, wildlife habitats, and fish and aquatic life habitats; provision of species lists, noting any rare, endangered, or threatened species present; evaluation of the ecological value of the site and its significance within the Region; and an assessment of any environmental impacts attendant to proposed public projects, upon request.

Schedule

The platting inventory update will be completed by July 2002.

The detailed environmental inventories and assessments will be conducted throughout 2002.

Products

The results of the platting inventory will be summarized in a set of tables, maps, and figures in the Commission *2001 Annual Report*.

The special environmental inventories and assessments will be documented in letter reports describing and evaluating the environmental quality of the sites concerned.

Funding Source

SEWRPC	
<u>(tax levy)</u>	<u>Total</u>
100%	100%
\$206,312	\$206,312

PROJECT 100-3000: INVENTORY OF COMMUNITY PLANS AND ZONING

Objective

To inventory and analyze patterns of locally proposed land use as set forth in county and local land use plans and zoning ordinances.

Previous and Current Work

Regional inventories of county and local land use plans and zoning have been completed by the Commission for the years 1964, 1972, and 1985. An inventory of county and local land use plans for the year 2000 was initiated in 2000. By the end of 2001, existing plans and zoning ordinances had been collected from all local units of government in the Region. Related inventory mapping work was about 90 percent complete.

Relationship to Other Activities

The periodic inventory of community plans and zoning in the Region is needed to help assess the degree to which regional plan recommendations are being incorporated into county and local land use plans and zoning ordinances. Such an inventory must be completed prior to the next major re-evaluation of the regional land use plan; the inventory findings will be considered in the preparation of the next generation of that plan. The community plans and zoning inventory will have the same base year (2000) as the next regional land use inventory and other key components of the Commission data base.

Work Description/Methodology

Work will be completed on the mapping of adopted zoning—that work having been about 90 percent completed by the end of 2001. This involves the conversion to a uniform regional classification system of the zoning districts set forth in local zoning ordinances, and the digital mapping of locally zoned land uses based upon that uniform classification system. This work makes full use of zoning data already digitally encoded as part of county and local land records systems.

Schedule

The inventory of community plans and zoning ordinances will be completed in spring 2002.

Products

A complete set of current land use plans and zoning ordinances for all counties, cities, villages, and towns in the Region, appropriately filed at the Commission.

Digitally encoded maps showing land uses permitted under current county and local zoning ordinances, and related quantitative data, all expressed in terms of a uniform regional zoning classification system.

Funding Source

<u>FTA</u>	<u>FHWA</u>	<u>WisDOT</u>	<u>SEWRPC (tax levy)</u>	<u>Total</u>
23%	57%	10%	10%	100%
\$2,330	\$5,670	\$1,000	\$1,000	\$10,000

PROJECT 110-1000: PLAN IMPLEMENTATION AND COMMUNITY ASSISTANCE

Objective

To foster implementation of the regional plan by providing technical assistance to public agencies and private interests on land use and natural resource planning matters; by disseminating land use and natural resource base data to public agencies and private interests; and by assisting county and local units of government in the preparation of local plans which refine and detail the regional plan. Achieving more substantial implementation of the regional land use plan was a key goal identified by the Commission's Advisory Committee on Regional Land Use Planning and Transportation Planning. The purpose of this effort is to achieve such implementation by refining and detailing the regional plan for counties and communities in the preparation of their county and community land use and park and open space plans. These efforts also include public involvement and education with respect to regional land use planning.

Previous and Current Work

During 2000, the Commission completed the following as refinements of the regional plan: an update and extension of the Town of Waterford land use plan; and park and open space plans for the Cities of Brookfield and New Berlin and the Town of Ottawa. In addition, master plans or park and open space plans were underway for nine other communities.

During 2001, the Commission also continued to review, on request, local land use plans and cooperative boundary agreements, in each case, evaluating their conformity with adopted regional plans.

During 2001, the Commission continued to update its local planning guide series, completing an update of its Land Division Planning Guide. In recent years, the Commission has updated its official Mapping Planning Guide and prepared a Rural Cluster Development Planning Guide.

The provision of planning data and technical assistance to public agencies and private interests is an ongoing activity. In a typical year, the Commission staff responds to about 400 requests for information from its land use and natural resource base data files.

Relationship to Other Activities

The regional plan is intended to be refined and detailed through the preparation of county- and local-level plans. As it assists counties and communities in such refinements, the Commission encourages them to incorporate regional land use plan recommendations regarding the location and intensity of future urban development, the preservation of environmentally significant areas, and the maintenance of rural character outside planned urban service areas; and to incorporate regional transportation system plan recommendations regarding arterial streets and highways, transit, airports, and bicycle and pedestrian ways. As it assists counties and communities in preparing plans which refine and detail the regional plan, the Commission, to the maximum extent practicable, structures such work in a way that is consistent with the 1999 State comprehensive planning law and the nine elements of a comprehensive plan prescribed under that law.

The provision of land use and natural resource base inventory data and related regional plan data to public agencies and private interests and the provision of technical assistance on land use and natural resource planning matters are key to the Commission's effort to foster regional plan implementation. With ready access to Commission planning data and technical assistance resources, public agencies and private interests can more readily formulate development plans consistent with the regional plan.

Work Description/Methodology

The Commission will continue to assist county and local units of government in the preparation of plans which refine and detail the regional plan, including local master (comprehensive) plans and local park and open space plans. Commission assistance normally includes the conduct of inventory, analysis, forecast, plan design, plan evaluation, and report preparation work attendant to such plans. These work efforts include extensive public participation, including, in many cases, the use of community surveys. Insofar as practicable, these efforts will be carried out within the framework of the 1999 State comprehensive planning law.

The Commission will continue to respond to requests from public agencies and private interests for land use and natural resource base inventory data and related regional plan data from Commission files. Types of data to be provided include planning-related soils data; information on historic, existing, and planned land use; information on environmental corridors, isolated natural resource areas, and other environmentally sensitive areas; and information on prime agricultural lands.

The Commission will initiate the update on its Planning Guide related to zoning.

The Commission will continue to review locally prepared land use and public facility plans and boundary agreements as to their conformity with the regional plan.

The Commission will also continue development of the scope of work for the reevaluation of the regional land use plan, including extension of the design year.

Schedule

In 2002, the Commission will complete master plans for the Village of Hartland, the Village of Union Grove/Town of Yorkville, Village of Wales, and the Town of Bloomfield; and will initiate work on a master plan for the Town of Norway. The Commission will continue to provide planning data and technical assistance to comprehensive planning efforts for the Village of Sussex, City of West Bend, and City of Milwaukee. The Commission will continue work on a design plan for a corridor along the recently improved portion of STH 36 in Racine County. The Commission will also complete local park and open space plans for the City of Racine and the Town of Mt. Pleasant.

The update of the Commission's Planning Guide related to zoning will begin in late 2002.

The provision of land use and natural resource base data and the provision of technical assistance on land use and natural resource planning matters to public agencies and private interests will continue throughout 2002, as will the review of locally prepared land use and public facility plans.

Products

Community assistance planning reports documenting county and local plans which refine and detail the regional plan; memorandum reports documenting special-purpose technical assistance efforts; and updated Commission planning guides offering guidance on various plan implementation measures available to county and local units of government.

Responses to requests for land use and natural resources base data from Commission files, typically in the form of letter reports, with appropriate tables, figures, and aerial photographs included as attachments.

Funding Source

<u>FTA</u>	<u>FHWA</u>	<u>WisDOT</u>	<u>SEWRPC (tax levy)</u>	<u>Total</u>
23%	57%	10%	10%	100%
\$186,400	\$453,600	\$80,000	\$80,000	\$800,000

PROJECT 110-2000: REGIONAL PARK AND OPEN SPACE IMPLEMENTATION

Objective

To foster implementation of the regional park and open space plan by providing park and open space planning data and technical assistance on matters concerning park development and open space preservation to counties; and by assisting them in preparing refinements of the regional park and open space plan.

Previous and Current Work

The provision of park and open space planning data and related technical assistance is an ongoing activity. An example of technical assistance is the detailed evaluation of the natural and recreational values of park and open space lands considered for sale or other disposition by Milwaukee County; two such evaluations were completed in 2001. Also in 2001, the Commission completed work on park and open space plans for Ozaukee and Racine Counties, and initiated work on a park and open space plan for Milwaukee County.

Relationship to Other Activities

Park and open space plans prepared by the Commission on a cyclical basis for each of the counties in the Region are adopted by the Commission as amendments to the regional park and open space plan. The preparation of county plans by the Commission cooperatively with each county thus serves to update and extend the regional park and open space plan.

In addition to addressing outdoor recreation needs, each park and open space plan prepared by Commission refines and details the open space preservation recommendations of the regional plan—including recommendations pertaining to the preservation of environmental corridors and prime agricultural lands. Such plans also incorporate the recommendations of the regional bicycle facilities plan, integrating those recommendations into recreation corridor systems, as appropriate.

Work Description/Methodology

The Commission will continue to respond to requests from public agencies and private interests for park and open space planning data and requests for technical assistance on park and open space planning matters. Types of data to be provided include information on existing and potential park and open space sites, the existing natural resource base, and park and open space planning standards. Technical assistance may include feasibility studies with respect to specific park and open space sites.

The Commission will continue to review, on request, locally prepared park and open space plans for conformity with the regional plan.

The Commission will continue to assist units of government in preparing park and open space plans which refine and detail the regional plan.

Schedule

The provision of park and open space planning data and related technical assistance will continue throughout 2002.

In 2002, the Commission will continue work on the preparation of a new park and open space plan for Milwaukee County and will initiate work on a new park and open space plan for Washington County.

Products

Responses to requests for park and open space data from Commission files and requests for technical assistance on park and open space planning matters, typically in the form of letter reports, with appropriate maps, tables, figures, and aerial photographs included as attachments.

Community assistance planning reports documenting plans which refine and detail the regional park and open space plan.

Funding Source

<u>SEWRPC</u> <u>(tax levy)</u>	<u>SEWRPC</u> <u>(service agreements)</u>	<u>Total</u>
78%	22%	100%
\$62,500	\$17,500	\$80,000

Chapter III

PROPOSED 2002 REGIONAL TRANSPORTATION PLANNING PROGRAM

INTRODUCTION

The proposed 2002 regional transportation planning program consists of eight projects as follows:

<u>Project Task</u>	<u>Number</u>	<u>Project Name</u>
Data Base and Assistance Project	200-1000	Transportation Planning Support and Assistance: Data Collection and Development, Model Refinement, and Technical Assistance
Transportation Systems Management and Programming Project	210-1000	Short-Range Transportation Improvement Programming and Transit Planning
Long-Range Planning and Plan Implementation	220-1000	Long-Range Transportation Planning and Plan Implementation
Detailed Corridor Study Projects	230-4000	Corridor Transit Alternatives Study of Commuter Railway Passenger Train Service in the Kenosha-Racine-Milwaukee Travel Corridor
Long-Range Plan Element Study	230-5000	Regional Freeway Reconstruction Study
	230-6000	Travel Origin and Destination Surveys
Milwaukee County Projects	270-1000	Milwaukee County Transit System Short-Range Planning and Programming
Wisconsin Center District Project	280-1000	Milwaukee Downtown Transit Connector Study

The balance of this chapter consists of the presentation of individual project descriptions. The program budget is summarized in Chapter XI.

PROJECT 200-1000: TRANSPORTATION PLANNING SUPPORT AND ASSISTANCE: DATA COLLECTION AND DEVELOPMENT, MODEL REFINEMENT, AND TECHNICAL ASSISTANCE

Objective

- To maintain and provide data for transportation planning, including the existing and historic supply and use of transportation facilities and services, existing and historic travel behavior, and current and planned future land use data.
- To maintain and refine as needed the simulation models developed and installed for transportation planning.
- To promote and assist in the implementation of the adopted regional plan by providing inventory and forecast data to public and private agencies and individuals, and by providing traffic engineering and transportation planning services to the units of government within the Region. This includes assistance to the Wisconsin Department of Transportation and local governments for local and statewide plan preparation, and facility preliminary engineering.

Previous and Current Work

- Transportation system data are collated annually with respect to arterial street and highway physical and operational characteristics and traffic volumes; automobile and truck availability; transit facilities and services, supply, cost, and ridership; and aviation demand. In U.S. census years and for years midway between census years, additional data are collected and developed, including data on highway and transit system networks and vehicle-miles of travel.
- Planned and alternative future land use data have been developed for the year 2020. Current land use data are developed for each U.S. census year and for years midway between each census year.
- Travel simulation models were developed in 1963, and recalibrated and revalidated in 1972 and again in 1992, using data from major travel surveys conducted in 1972 and again in 1991. A review of models by the U.S. Department of Transportation was completed in 1997, and the refinements suggested were completed in 1998 and 1999.
- Data concerning the regional transportation system and system plan were provided through numerous letters, telephone calls, and meetings. Technical assistance was provided to local units of government and to State and Federal levels of government, including preparation or review of land development traffic impact studies; preparation of traffic estimates, forecasts, and levels of service for facility planning and engineering studies; assistance to transit system operators in the preparation of their budgets; evaluation of the hydraulic impacts of proposed new bridges; and preparation of facility, corridor, and municipal traffic engineering, systems management, and transportation plans. Under this project, the Commission staff provides assistance to the Wisconsin Department of Transportation (WisDOT), including traffic forecasts and participation on WisDOT advisory committees. Key efforts in recent years included a traffic impact study of removal of the Park East Freeway, a Washington County highway capital improvement plan; a study of the need for local road improvements in the absence of the long-planned STH 83 bypass; a study of two-way street operations in the City of Waukesha; provision of travel data to the Marquette Interchange study and Milwaukee downtown transit connector study. and provision of traffic forecasts for several preliminary engineering studies, including studies pertaining to the Calhoun Road-IH 94 interchange, STH 50 in Kenosha County, and STH 164 in Waukesha and Washington Counties.

Relationship to Other Activities

This project provides essential travel and transportation system data, land use data, and travel simulation models for short- and long-range transportation planning.

Work Description/Methodology

- Transportation data collection/collation includes the following:
 1. Traffic count data for 2001, which will be collated from secondary sources (principally Wisconsin Department of Transportation) and encoded into the highway network. An estimate will be prepared of year 2000 regional vehicle-miles of travel.
 2. Estimates of automobile and truck availability for 2001, which will be prepared from secondary sources (Wisconsin Department of Transportation).
 3. Inventories which will be conducted of the current year 2001 characteristics of public transit systems, including routes, headways, hours of operation, and fares (regional public transportation). Data will also be collated concerning ridership on each public transit system. The preparation of a year 2000 transit network will be completed.
 4. Data on arterial street physical and operational characteristics essential to capacity estimation. These data will be updated as necessary. The preparation of a year 2000 highway network will be completed.

- Transportation planning support land use data development includes the following:
 1. Assembly of year 2000 travel model input data into travel model application data files.
 2. Initiation of preparation of new forecast year (2030 or 2040) travel model input data.
 3. Continuing inventories of vacant platted lots, developable land, and public utilities.

- Travel simulation model maintenance and refinement includes the following:

Travel Model Validation

The application of Commission travel simulation models to year 1995 network and model socioeconomic data will be completed, along with the application of the current models to year 2000 data.

Travel Model Review and Recalibration

The Commission travel simulation models will be reviewed, refined, and recalibrated with new travel survey data. This work, along with the validation of the models, will be completed in 2003.

Travel Data Analysis

The Commission expects to continue in 2002 a number of analyses of the travel survey data collected in 1991, including analyses of variation of trip length and trip frequency.

- Transportation planning data provision and technical assistance will include the following:
 1. Provision to public agencies and private interests of data and technical assistance through letters, meetings, and memorandums to guide transportation and land use decisions to implement regional land use and transportation plans.
 2. At the request of local municipalities, the Commission will conduct special transportation studies, including traffic impact studies, a highway access plan, and short-range and long-range highway corridor or community plans.
 3. At the request of the Wisconsin Department of Transportation, and constituent county and local governments, the Commission will provide traffic forecasts for use in arterial street and highway preliminary and final engineering and design.

4. The Commission will continue to participate in and assist the Wisconsin Department of Transportation in, statewide transportation planning efforts, including the State Multi-Modal Plan Update, State rail plan, high speed intercity rail studies, and the Local Roads and Streets Council.
5. Assisting local governments in the inventory of the existing pavement condition of their streets and highways.

Schedule

Addressed in discussion of work description.

Products

- Transportation system use and supply data for existing condition and historical trend analysis.
- Base and design year land use and related data files by U.S. Public Land Survey quarter section to support transportation modeling.
- Maintenance and refinement of travel simulation models and transportation system networks.
- Meetings, telephone conversations, letters, memorandums, community assistance planning reports, and travel and traffic data concerning the transportation system and the regional plan in an effort to promote plan implementation.

Funding Source

<u>FTA</u>	<u>FHWA</u>	<u>WisDOT</u>	<u>SEWRPC (tax levy)</u>	<u>Total</u>
18%	57%	5%	20%	100%
\$90,471	\$280,137	\$24,053.88	\$99,407	\$494,068.88

PROJECT 210-1000: SHORT-RANGE TRANSPORTATION IMPROVEMENT PROGRAMMING AND TRANSIT PLANNING

Objective

- To prepare and maintain current the three-year transportation improvement program, including demonstration of the conformity of the transportation improvement program with the State Implementation Plan for Air Quality.
- To assist public transit operators in the Region in transit-related planning activities through the provision of staff services and data, including preparation of five-year transit development programs.

Previous and Current Work

Initiation in 2001 of the preparation of the of the 2002-2004 transportation improvement program (TIP), including air quality conformity determination.

Short-range transit plans for the City of Waukesha and Waukesha County were completed in 2001. Assistance was provided to Washington County in monitoring the effectiveness of commuter bus service provided under a CMAQ demonstration grant. Assistance was provided in the preparation of a grant application for the Milwaukee area and through the Wisconsin Employment Transportation Assistance Program.

Relationship to Other Activities

This project provides a refinement and staging of the transit element, and programming of all elements of the long-range regional transportation plan.

Work Description/Methodology

In early 2002, preparation and publication of a 2002-2004 TIP and attendant air quality conformity analysis and determination. This will include a review of the status of projects and activities contained in the previous TIP.

Also in 2002, Commission staff will continue to provide short-range planning support to the public transit operators within the Region, including completion of a transit development plan for Ozaukee County, the initiation of a plan for elderly/disabled transit service in Waukesha County, and the preparation of a new transit plan for the Kenosha area. Other transit planning assistance will be provided to public transit operators within the Region upon their request.

Schedule

Amendments to the 2002-2004 TIP will be processed and the new transit system development plan for Ozaukee County will be completed in 2002. Work will also be completed on a plan for elderly and disabled transit services in Waukesha County.

Products

A transportation improvement program planning document, including air quality-related documentation. Community assistance planning reports documenting new transit development programs; plan amendment documents; and letter reports and other documents as required.

Funding Source

<u>FTA</u>	<u>FHWA</u>	<u>WisDOT</u>	<u>SEWRPC (tax levy)</u>	<u>Total</u>
23%	62%	5%	10%	100%
\$116,500	\$308,147	\$25,353	\$50,000	\$500,000

**PROJECT 220-1000: LONG-RANGE TRANSPORTATION PLANNING
AND PLAN IMPLEMENTATION**

Objective

- To maintain and refine the long-range regional transportation system plan in ways which will meet local and State needs and Federal transportation planning requirements.
- To monitor and promote the adoption and implementation of the regional transportation system plan.
- To implement a congestion management system which will monitor existing levels of traffic congestion on the regional transportation system, evaluating those levels against forecast levels as identified in the adopted regional transportation system plan, and determining the need for amendments to that plan and the plan implementation schedule. The congestion management system will be fully integrated with—that is, conducted as a part of—any amendment and reevaluation of the regional transportation system plan.
- To help the Wisconsin Department of Transportation, the transit agencies in the Region, and concerned county and local governments in initiating the corridor studies identified in the regional transportation system plan.
- To provide the necessary support to the Wisconsin Department of Natural Resources for the preparation of the State Implementation Plan for air quality attainment and to conduct necessary regional transportation plan conformity analyses.
- To provide for public participation, education, and debate in the conduct of the ongoing regional land use and transportation system planning program, and to promote intergovernmental and interagency coordination in the conduct of the program.

Previous and Current Work

- During 1997, the regional transportation plan was amended and extended to the design year 2020. During the years 1998 through 2000, the refinement of that plan through county jurisdictional highway system plans was undertaken.
- Under the long-range regional transportation system plan's congestion management system element, performance measures of congestion have been defined; existing and forecast future levels of congestion have been established; and alternative actions to resolve existing and future congestion problems have been evaluated and recommended. The attainment of the performance measures as of 1995 were reviewed in 1997 in the preparation of the regional long-range year 2020 plan, and as of 1998 were reviewed in 2000 in the review and reaffirmation of the regional plan.
- Preparation of transportation-related Gubernatorial Executive Order 29 (GEO 29) reviews and monitoring, reviewing, and reporting of plan implementation activities attendant to the adopted year 2020 regional transportation system plan.
- The Commission has a continuing arrangement with the University of Wisconsin-Extension whereby a full-time Extension educator is assigned to work with the Commission in carrying out the public participation program attendant to the land use and transportation planning efforts. During previous years, the public participation program included a regional planning conference; a workshop on rural cluster development featuring an introduction to SEWRPC Planning Guide No. 7; additional workshops on geographic information systems and proper land use as it relates to a variety of concerns, including stormwater and flooding concerns; an article published in Wisconsin Counties magazine highlighting the importance of regional planning; a staff report relative to citizens' advisory group involvement in future land use and transportation planning programs, and organizational efforts to obtain such citizen

participation; drafting of an ongoing process for public involvement in transportation system planning and programming; youth water-quality-education sessions integrating, for the first time, land use and transportation systems as key variables; teacher-training sessions featuring land use and the relationships between historical development, transportation, and environmental concerns; related teacher-training curricula; town officials' training workshops on planning and zoning concepts, which have been part of an annual series, assistance provided to towns and villages relative to citizen surveys and community "visioning" meetings as preliminary considerations in the comprehensive land use planning process; ongoing coordination assistance provided to the Southeastern Area Land and Water Conservation Association, a coalition of county land conservation committee members and staff; exhibits placed at Wisconsin Farm Progress Days, held in Washington County, and at other exhibitions; and materials prepared for a new Commission-UW-Extension fact sheet series called "Plan On It!" Additional work was completed to synthesize the results of behavioral inventories and attitudinal surveys, among other efforts, designed to gauge public opinion relative to transportation system investments.

- The Commission has provided the Wisconsin Department of Natural Resources with data analyses and forecasts, including traffic assignments for use in the State Implementation Plan. In addition, the Commission has conducted conformity analyses of the new regional transportation system plan and transportation improvement program.

Relationship to Other Activities

The long-range transportation plan provides a framework for short-range transportation planning, and transportation improvement programming.

Work Description/Methodology

- During 2002, the Commission staff will continue to work with counties on county jurisdictional highway system planning, thereby refining the regional plan. Walworth, Washington, and Racine County plans will be completed, and the Waukesha County plan will be initiated.
- The work program attendant to the congestion management system is envisioned to operate in three-year cycles directly related to the State traffic-volume-counting program operated by the Wisconsin Department of Transportation and the federally required three-year review cycle for the regional transportation system plan. About every three years, analyses would be conducted to document changes in levels of traffic congestion on the regional arterial street and highway system, particularly as related to the congestion levels envisioned in the long-range transportation system plan; that would report on the implementation status of any management or capacity expansion projects included in the plan to address congestion problems; and that would involve the making of recommendations for changes to the system plan. Such reviews and analyses were conducted as part of the preparation of the 2010 region plan, completed in 1994; the preparation of the year 2020 plan, completed in 1997; and the review and reaffirmation of the 2020 plan, completed in 2000. The next cycle will be initiated in the year 2002 as part of the major reevaluation of the regional transportation plan to be completed in 2005.
- A major regional plan reevaluation will continue in 2002 and may be expected to be completed in 2005. The reevaluation will use the year 2000 census data, data from a major travel survey conducted by the Commission in 2001 and 2002, and land use data from the year 2000 regional orthophotography program. Elements to be completed in early 2002 include review and refinement of the public involvement process for the regional plan; review and refinement of the Commission's development and assessment of the regional plan with respect to Title VI and environmental justice—including reviewing the identified locations of minority and low income population groups, developing improved strategies for engaging minority and low income population groups through public involvement, and refining the assessment of the impact of the regional transportation plan and program on subareas of the Region, including areas of residence of low income and minority population groups; and, development and documentation of the ITS architecture and integration plan for the Region. Also in 2002, new population and employment forecasts will be prepared, and in 2002 and 2003, analyses leading to new land use and transportation plans will be underway. With respect to the regional transportation plan, analyses in 2002

would include the existing transportation system and its performance, regional travel, and plan implementation status. In 2003 and 2004, regional land use and transportation plan alternatives will be under development and evaluation. Public involvement would be initiated as outlined in the new public involvement process.

- Preparation of GEO 29 reviews with respect to transportation projects. Provision of support to local units of government in the adoption of the long-range transportation plan. Monitoring and documentation of the progress of implementation of the plan.
- During 2002, the Commission intends to continue implementing its ongoing process for effective public participation in the land use and transportation planning and plan implementation work efforts. This will involve meetings, surveys, and assessment or information activities of many types of continue broadening citizen participation as the work of securing adoption and implementation of the regional land use and transportation system plans moves forward. Specific major work efforts will center around a regional planning conference tentatively focusing on the design year 2020 regional land use and transportation system plans, and/or (an)other conference(s); continuing to provide assistance regarding the town officials' training workshops and certificate program of education in planning and zoning issues, which program was piloted in Waukesha County; the conduct of additional town and village surveys to further assemble an emerging picture of public preference for integration into the planning process; the continued expansion of the land use education program for students, including the development of resource materials and associated teacher training; the augmentation of youth education units on land use and transportation planning; and the coordination of assistance to the Southeastern Area Land and Water Conservation Association and other groups relative to work with the Commission and the UW-Extension on land use, transportation, and related matters pertaining to environmental quality. The work effort will also include responses to the requests of local officials, students, and other interested citizens; the development and refinement of needed audiovisual materials; and the continued publication and distribution of the "Plan on It!" fact sheet series, as well as brochures, newsletter or magazine articles, white papers, and other public informational materials essential to ensuring that the general public is educated and involved in the planning and programming processes.
- As may be necessary during 2002, the Commission will continue to provide support to the Wisconsin Department of Transportation and other agencies in conceiving and structuring corridor studies.
- It is anticipated that related to the State Implementation Plan for Ozone Air Quality, Commission staff will need to provide data, conduct analyses, attend meetings, and perform traffic assignments for numerous alternatives, as well as review emission budgets that the State will propose to include in the new State Implementation Plan. In addition, the Commission may need to do a conformity analysis. The Commission will be the lead agency in the development of the conformity analyses, working with the appropriate State and Federal transportation and environmental agencies.

Schedule

Addressed in discussion of work description.

Products

- A planning report documenting the regional transportation system plan; a wall map illustrating the plan recommendations; and supplemental technical documents as required, including air quality conformity analyses and determinations.
- Data files attendant to traffic volumes, congestion levels, and project implementation; letter and technical reports on traffic congestion.
- A file of the plan adoption and implementation actions taken by Federal and State agencies and local units of government. Letter reports documenting GEO 29 reviews.

- Study designs, memorandums, letter reports, technical reports, and planning reports. Some of these documents could become the basis for formally amending the adopted regional transportation system plan.
- A regional planning conference and/or other conferences; citizens' meetings; teacher, youth, and local official training; public informational meetings and hearings; citizen surveys and analyses; and newsletters, fact sheets, brochures, audiovisual programs, and articles or white papers addressing important planning and public participation issues.
- Transmittal of data, attendance at meetings, and preparation of conformity analyses reports.

Funding Source

<u>FTA</u>	<u>FHWA</u>	<u>WisDOT</u>	<u>SEWRPC (tax levy)</u>	<u>Total</u>
23%	57%	10%	10%	100%
\$104,850	\$255,150	\$45,000	\$45,000	\$450,000

PROJECT 230-4000: CORRIDOR TRANSIT ALTERNATIVES STUDY OF COMMUTER RAILWAY PASSENGER TRAIN SERVICE IN THE KENOSHA-RACINE-MILWAUKEE TRAVEL CORRIDOR

Objective

To determine whether or not to implement commuter rail or bus service in the corridor, as well as the means of funding, managing, and operating potential commuter rail or bus service.

Previous and Current Work

In 1998, a feasibility study was completed and a scope of work for a detailed planning study was prepared.

Relationship to Other Activities

This corridor study is a refinement of the long-range plan.

Work Description/Methodology

The proposed detailed planning study would further evaluate and refine the commuter railway service extension alternatives considered in the recently completed feasibility study. The detailed study would develop bus service alternatives for comparative evaluation and consideration, identify the capital and operating costs of commuter railway and commuter bus alternatives, and identify and recommend alternatives for funding. The study would also identify and recommend alternatives for the management and operation of the commuter railway and bus alternatives. The basic purpose of the detailed planning study would be to provide the necessary information concerning the benefits and costs, and the financial and operational requirements, attendant to each commuter railway and commuter bus service alternative in the corridor. This information is intended to enable local, State, and Federal officials and other concerned citizens to rationally consider the best means of improving transit service in the corridor. At the conclusion of the detailed planning study, a preferred alternative would be identified as the recommended course of action by an intergovernmental committee created to guide the study. The committee recommendation would then be sent to the Wisconsin Department of Transportation and to the county and local units of government concerned for consideration and action.

Schedule

The study will be completed in 2001 with the exception of publication of final report and study briefings and meetings.

Products

A report will be prepared documenting the findings and recommendations of the study.

Funding Source

<u>FTA (1999 Earmark)</u>	<u>WisDOT (Multi-Modal)</u>	<u>SEWRPC (service agreements)</u>	<u>Total</u>
61%	19%	20%	100%
\$61,000	\$19,000	\$20,000	\$100,000

Total project cost is \$825,000 with \$500,000 Federal (1999 FTA earmark), \$160,000 WisDOT multi-modal, \$165,000 SEWRPC (service agreements). The 2002 funding shown above is 2000 carry-over funds.

PROJECT 230-5000: REGIONAL FREEWAY RECONSTRUCTION STUDY

Objective

To consider the need to address the design, safety, and congestion problems of the regional freeway system prior to the reconstruction of the freeway system, and to evaluate and recommend alternatives for freeway system redesign and capacity expansion.

Previous and Current Work

This study was initiated in 2000, following development of scope in 1999.

Relationship to Other Activities

This study will provide a refinement and amendment of the regional transportation system plan with respect to the freeway system element of the plan.

Work Description/Methodology

Under this study, the function of the freeway system as an element of the regional transportation system will be documented. The deficiencies in freeway condition, design, safety, and congestion under historic, current, and future conditions will be determined. The effect of potential public transit and surface arterial improvements under and beyond the regional transportation plan on future freeway traffic volumes and congestion will be examined. Alternatives for freeway reconstruction will be evaluated and recommended—reconstruction in-kind, with limited redesign, with substantial redesign, and with capacity expansion. An extensive public involvement and outreach effort will be conducted, along with a specific program to reach consensus and obtain plan endorsement.

Schedule

The study was initiated in 2000 and will be completed in 2002. Work remaining will include publication of final report, and development and approval of final plan, based upon reaction to preliminary plan in late 2001 and early 2002.

Products

A freeway system reconstruction plan and program, and amendment to the regional transportation plan.

Funding Source

<u>FHWA</u> <u>(Interstate Maintenance)</u>	<u>WisDOT</u> <u>(Multi-Modal)</u>	<u>Total</u>
90%	10%	100%
\$180,000	\$20,000	\$200,000

(Total project cost is \$1,200,000, with \$1,080,000 Federal [interstate maintenance] and \$120,000 WisDOT multi-modal. \$400,000 estimated expenditures in 2000; \$600,000 expenditures in 2001 and \$200,000 in 2002.) The 2002 funding shown above is 2001 carry-over funds.

PROJECT 230-6000: TRAVEL ORIGIN AND DESTINATION SURVEYS

Objective

- To provide the travel data necessary to an accurate description and good understanding of current travel habits and patterns within Southeastern Wisconsin.
- To provide information on trends in travel habits and patterns, based upon comparisons to previous surveys conducted in 1963, 1972, and 1991.
- To enable the validation and recalibration of the Commission's mathematical traffic simulation models.

Previous and Current Work

During 1991 and 1992, the last travel origin and destination survey was conducted, including home interview household travel survey, public transit ridership on-bus survey, truck travel survey, and external survey.

Relationship to Other Work

Beginning in 2001, a major reevaluation of the regional land use and transportation plans will be underway. The reevaluation is scheduled for completion in late 2004.

Work Description/Methodology

The Commission staff in 2001 conducted the household travel survey and transit ridership survey. Work included data collection, checking, coding, verification, and validation against travel and traffic counts. Tabulation of travel survey data will be completed in 2002 along with the analysis of the travel survey data and its comparison to 1963, 1972, and 1991 travel survey data.

In 2002, the Commission will conduct two remaining major travel surveys. These two travel surveys are the external survey and the truck travel survey. The truck travel survey will be conducted by surveying trucks registered within Southeastern Wisconsin. The other travel survey to be conducted is the external travel survey, which will provide information on travel with both ends located outside Southeastern Wisconsin and travel with one end inside Southeastern Wisconsin and the other end outside Southeastern Wisconsin. The survey will include external cordon surveys of highway and truck traffic at the boundaries of the Region. To provide a complete picture of travel within Southeastern Wisconsin, special surveys of long distance Amtrak service, intercity bus travel, and enplaning passengers will also be conducted. Also, a survey of paratransit travel may be conducted.

Schedule

Addressed in work description.

Products

Documentation in planning report presenting current travel habits and patterns within Southeastern Wisconsin and presenting trends in travel habits and patterns from 1963 to 2000. Travel simulation models which are validated to the year 2000 and are recalibrated with 2001 and 2002 travel survey data.

Funding Source:

Total
100%
\$600,000

(Total project cost is \$2,300,000; \$1,700,000 is to be expended in 2001, \$600,000 is to be expended in 2002.) The year 2001 funding of \$1,700,000 is for household and urban and rural public transit surveys. The year 2002 funding of \$600,000 is for truck, intercity bus and rail, screenline, commercial air passenger, and external cordon surveys. Source of funding for the year 2002 effort of \$600,000 is to be determined.

**PROJECT 270-1000: MILWAUKEE COUNTY
SHORT-RANGE PLANNING AND PROGRAMMING**

Objective

To continue ongoing Milwaukee County transit planning efforts, including an update of the Disadvantaged Business Enterprise (DBE) Goal Program, the Title VI assessment, the National Transit Database for paratransit operations, the transit maintenance plan, the Milwaukee Downtown Transit Connector Study, and the annual development of the Transportation Improvement Program for Southeastern Wisconsin.

Previous and Current Work

Annual activity with some variations.

Relationship to Other Activities

This project provides elements of the short-range transit plan and program for the Milwaukee County transit system.

Work Description/Methodology

Conduct efforts related to the monitoring of implementation, updating, or preparation of Milwaukee County's DBE Goal Program, Title VI Assessment, National Transit Database, transit maintenance plan, and the Milwaukee Downtown Transit Connector Study. Continue staff participation in the preparation of the Milwaukee urbanized area Transportation Improvement Program.

Schedule

This project is conducted annually.

Products

An updated DBE Goal Program, Title VI Assessment, National Transit Database Report for paratransit operations, transit maintenance plan, and Transportation Improvement Program.

Funding Source

<u>FTA (Section 5307)</u>	<u>Milwaukee County</u>	<u>Total</u>
80%	20%	100%
\$320,000	\$80,000	\$400,000

PROJECT 280-1000: MILWAUKEE DOWNTOWN TRANSIT CONNECTOR STUDY

Objective

This study will investigate and evaluate bus, light rail, and perhaps other transit alternatives designed to move workers, shoppers, residents, and visitors around the City of Milwaukee downtown area in an effective and efficient manner.

Previous and Current Work

New project in 1999.

Relationship to Other Activities

This corridor study is a refinement of the long-range plan.

Work Description/Methodology

The study will examine alternatives to providing an improve Milwaukee downtown area transit system. The study will have elements relating to transit routing and rail alignment planning, station location, capital and operating cost estimations, forecasts of potential ridership, evaluation of urban development potential, and an analysis of transportation benefits and impacts. The study will be sponsored by the Wisconsin Center District. The study will be conducted over an approximately one-year period ending in September 2000 at an estimated cost of \$3.0 million. The Wisconsin Center District will seek a Federal grant in the amount of \$2.55 million, or 85 percent of the total. The required local matching funds in the amount of \$450,000 will be collectively provided on an in-kind basis through staff support from the Wisconsin Center District, Milwaukee County, and the City of Milwaukee.

Schedule

The project was initiated in 1999 and may extend into 2002 for completion.

Products

A report documenting the findings and recommendations of the study will be prepared.

Funding Source

<u>FTA (1995 Earmark)</u>	<u>Wisconsin Center District Board</u>	<u>Total</u>
85%	15%	100%
\$255,000	\$45,000	\$300,000

(Total project cost is \$3.0 million with \$2.55 million FTA earmark funds and \$450,000 in-kind Milwaukee County and City funds.) The year 2002 funding shown above is carryover funds.

Chapter IV

PROPOSED 2002 REGIONAL WATER QUALITY PLANNING PROGRAM

INTRODUCTION

The proposed 2002 regional water quality planning program consists of five projects under two basic tasks as follows:

<u>Task</u>	<u>Project Number</u>	<u>Project Name</u>
Ongoing Plan Implementation and Refinement Projects	300-1000	Water Quality Management Plan Coordination and Extension of Implementation Activities
	300-2000	Sanitary Sewer Extension Reviews and Assistance
	300-3000	Sanitary Sewer Service Area Plan Refinements
Plan Extension and Updating Projects	300-4000	Water Quality Plan Update—Land Use, Point Source, Nonpoint Source, and Surface-Water Elements
	300-5000	Water Quality Plan Update—Groundwater Management Studies

The balance of this chapter consists of the presentation of individual project descriptions. The program budget is summarized in Chapter XI.

PROJECT 300-1000: WATER QUALITY MANAGEMENT PLAN COORDINATION AND EXTENSION OF IMPLEMENTATION ACTIVITIES

Objective

To assist local and State-designated management agencies in developing procedures and guidelines and in conducting second-level planning studies needed to implement point source and nonpoint source pollution abatement measures recommended in the adopted regional water quality management plan; and to effect needed intergovernmental cooperation in plan implementation.

Previous and Current Work

Since adoption of the regional water quality management plan in 1979, the Commission staff has worked with a large number and variety of designated management (plan implementation) agencies in a number of different ways to implement the regional water quality management plan. An update and status report on that plan was completed in 1995. This project includes, for example, working with the Wisconsin Department of Natural Resources (DNR), the county land and water conservation departments, and designated management agencies, in the preparation and implementation of detailed nonpoint source pollution abatement plans; working with lake protection and rehabilitation districts and lake associations in preparing and implementing detailed lake management plans; working with sewage treatment plant operators and counties in implementing the plan recommendations for sewage treatment plants and attendant sewer service areas; and working with county land and water conservation and planning departments to carry out county land and water resource management and stormwater management planning.

Relationship to Other Activities

Land and water quality inventory data is made available to communities and private interests for use in developing permit conditions and site designs which are environmentally sound. This supports local and regional land use planning and development activities. Nonpoint source pollution abatement planning activities are integrated with watershed planning and stormwater drainage and management planning described under the regional floodland management planning program.

Work Description/Methodology

During 2002, it is proposed that the Commission maintain a staff capability designed to respond to a variety of requests for assistance in implementing the regional water quality management plan. For the most part, these activities will be conducted in direct response to requests submitted by designated management agencies. Under this project, Commission staff would attend meetings and prepare reports relating to the regional water quality management plan and its implementation recommendations. Such meetings and reports can be expected to deal with all of the elements of the adopted regional water quality management plan. This project will include assisting local communities in resolving water quality problems through effective stormwater management planning and analysis integrating nonpoint source pollution abatement measures. For example, the Commission will likely assist some communities in the analysis and design of stormwater detention ponds which would reduce pollutant loadings to downstream waters. This project will include the provision of all sewerage system facility planning assistance and review, as well as the preparation of amendments to the regional water quality management plan. Such assistance typically includes provision of data, review of plans, and attendance at meetings.

The project will also include assistance to the DNR, county land conservation departments and local units of government in preparing and review of detailed nonpoint source pollution abatement plans and refinements to county land and water resource management plans, and in developing data for statewide water quality and watershed management programs. It is anticipated that such assistance and data may include the provision of available land use and water quality and pollutant loading data; drainage area

characteristics and areas; wetland and environmental corridor evaluation reports; field survey records; and other support data available from related Commission work programs.

The work project will also include the preparation of inventory and analysis reports to assist lake districts and organizations in the conduct of lake use and management planning activities. This work program will include the preparation of project descriptions for lake planning programs and public informational and educational materials attendant to implementation of the regional water quality management plan. Under this work program, the Commission staff will continue to work with the DNR and statewide lake organizations to develop refined lake management programs. This work element will also include Commission participation as a committee member on, the statewide Watershed Management Advisory Committee, DNR GMO partnership teams, county land and water resources management planning committees, and other water quality-related committees. This element will also include the provision of assistance to the Wisconsin Department of Natural Resources in developing additional data layers for watershed maps for the Geographic Management Units in the Southeastern Wisconsin Region. Such mapping could include an annual update of sewer service area delineations within each of the DNR GMU areas.

This work project will also include the provision of assistance to local units of government in developing the quality aspects of local stormwater management and stream restoration. As an example, the Commission anticipates technical assistance to counties in implementing the water quality management elements of the county land and water resource management plans and continuing assistance in the preparation of the Quaa Creek watershed management plan.

This work project will also include a process designed to consider water quality-related issues of importance to the planning program. This process is expected to involve one DNR-SEWRPC staffs interagency meeting.

Schedule

This work effort is continuing with products being prepared over the course of the year.

Products

It is anticipated that the end products under this work project will be many and varied. Anticipated work products may be expected to include about 15 letter reports or staff memorandums or community assistance reports; assistance to the Wisconsin Department of Natural Resources and county land conservation departments for water quality and watershed planning activities to consist of meeting attendance and materials review; lake management planning assistance to eight lake districts and organizations; three public informational and educational presentations or reports; attendance at about 25 meetings; coordination of meetings and activities with the DNR; and other miscellaneous plan implementation activities. Additional mapping for selected areas will be provided to the DNR.

Funding Source

<u>WisDNR</u>	<u>SEWRPC (tax levy)</u>	<u>SEWRPC (service agreements)</u>	<u>Total</u>
24%	57%	19%	100%
\$80,000	\$187,565	\$60,850	\$328,415

PROJECT: 300-2000: SANITARY SEWER EXTENSION REVIEWS AND ASSISTANCE

Objective

To review, comment on, and provide assistance in the preparation of proposals to construct public and private sanitary sewer extensions and major onsite sewage disposal systems, relating such reviews to the adopted regional water quality management plan. Such comments and assistance are provided in response to letters submitted by local units of government, consulting engineers, architects, plumbers, and others, and are forwarded to the Wisconsin Departments of Natural Resources (DNR) and Commerce.

Previous and Current Work

This is an ongoing project. During the year 2000, the Commission staff provided review comments attendant to about 190 proposed public sewer extensions and 180 proposed private main sewers and building sewer extensions, all as required under Sections NR 110.08(4) and Comm 82.20(4) of the Wisconsin Administrative Code. Assistance was also provided to local units of government and private land developers in the preliminary evaluation of land use development proposals. Such preliminary evaluation is particularly important since it makes the subsequent formal review of proposed sewer extensions routine. Letter reports and field staking of environmentally sensitive areas were provided for approximately 25 sewer extension projects.

Relationship to Other Activities

The sanitary sewer extension review process includes consideration of environmental corridor and other environmentally sensitive lands. Thus, the reviews are directly related to implementation of the regional land use plan. This project is also directly related to Project 300-3000, Sanitary Sewer Service Area Plan Refinements, under which the boundaries of the planned sewer service areas are developed through an intergovernmental planning effort.

Work Description/Methodology

During 2002, it is expected that about 180 proposals for public sanitary sewer extensions and about 180 proposals for private and building sewers will be reviewed. Numerous meetings will have to be held and letters written concerning the relationship of land development proposals to the adopted regional water quality management plan. Such review letters will indicate whether or not a land development proposal would encroach upon environmentally sensitive lands and whether or not such a proposal lies within an approved sanitary sewer service area. This work activity is expected to require about 100 meetings with people who visit the Commission offices to review environmentally sensitive land mapping for land parcels being considered for sewer service. Letter reports and field staking of environmentally sensitive areas may be expected to be provided for about 20 sewer extension projects as part of the review or to assist in preparation of the sewer extension submitted. Each of these field staking projects will involve a written report as well as an in-field inspection and an in-field layout of the environmentally sensitive area.

Schedule

The work effort is continuing with reviews and field surveys being conducted over the course of the year.

Products

Approximately 360 letter reports relating to public and private sewer extensions and about 20 letter reports documenting in-field layouts of environmentally sensitive areas.

Funding Source

<u>WisDNR</u>	<u>SEWRPC (tax levy)</u>	<u>Total</u>
50%	50%	100%
\$40,000	\$40,000	\$80,000

PROJECT 300-3000: SANITARY SEWER SERVICE AREA PLAN REFINEMENTS

Objective

To refine and detail sanitary sewer service areas and environmentally sensitive lands as initially delineated in the 1979 regional water quality management plan.

Previous and Current Work

When the Commission adopted the regional water quality management plan in 1979, it was envisioned that a multi-year process would be undertaken to refine and detail the sanitary sewer service areas delineated in that plan in order to meet the requirements of Chapter NR 121 of the Wisconsin Administrative Code. This would involve working with the designated management agencies in efforts that would seek to incorporate local, as well as areawide, planning objectives into the sewer service area planning process. A total of 81 individual sewer service areas are currently identified in the Region. By the end of 2001, refined and detailed sewer service area plans will have been completed and adopted for 69 of those 81 areas. In addition, during 2001, 10 revisions to previously prepared sewer service area plans were completed.

Relationship to Other Activities

The sanitary sewer area refinement process includes delineation of, and protection recommendations for, environmental corridors and other environmentally sensitive lands as recommended in the regional land use plan. In addition, the sewer service areas are delineated with due consideration to the planned urban development as set forth in the regional land use plan.

Work Description/Methodology

The Commission will continue to work during the year 2002 toward completing the refinement process for all sanitary sewer service areas. This process involves working with the designated management agencies and other affected local units of government in revising the sewer service areas, incorporating into those revisions refined delineations of primary and secondary environmental corridors and isolated natural resource areas. In addition, where adequate data exist, floodplains outside of the environmental corridor lands will be delineated. Field evaluations and delineation of environmentally sensitive areas will be conducted for sites proposed to be included within the sewer service areas. Each refinement process is documented in a community assistance planning report which is presented to local governmental officials for review. One or more public hearings are held to present the final plans and obtain public reaction. The reports are then printed, adopted by the designated management agencies, adopted by the Commission as amendments to the regional water quality management plan, and forwarded by the Commission to the Wisconsin Department of Natural Resources (DNR) as water quality plan amendments. During 2001, it is anticipated that a significant number of requests for amendments to previously prepared sewer service area plans will continue to be received and acted upon. Special letter reports and field evaluations will be conducted to support and consider specific requests for sewer service area refinements. Environmental impact assessment data will be provided where and as needed for sewer service area amendments. Revisions to previously prepared sewer service area plans also are expected to be completed. Procedures for plan amendments will continue to be refined in conjunction with the DNR staff in order to meet, the requirements of Chapter NR 121 of the Wisconsin Administrative Code. A map of the sewer service areas and map designation as to the status of their refinement will be updated.

Schedule

This work effort is continuing with sewer service area plans and refinements being conducted over the course of the year.

Products

Community assistance planning reports and plan amendment reports documenting the revised sanitary sewer service areas, amendments to service areas, and environmentally sensitive lands, and special letter reports and field evaluations to support specific sewer service area amendment requests. Data needed to complete Wisconsin Department of Natural Resources environmental assessment forms as needed. Plan amendment documents dealing with revisions to original sewer service area plans. An updated map indicating the sewer service areas and their refinement status for the Southeastern Wisconsin Region with DNR geographic management unit boundary designations.

Funding Source

<u>WisDNR</u>	<u>SEWRPC (tax levy)</u>	<u>Total</u>
50%	50%	100%
\$60,000	\$60,000	\$120,000

PROJECT 300-4000: WATER QUALITY PLAN UPDATE—LAND USE, POINT SOURCE, NONPOINT SOURCE, AND SURFACE-WATER ELEMENTS

Objective

To update and extend the land use-, point source-, nonpoint source-, and surface- water-related elements of the regional water quality management plan. The plan updating process is intended to be a continuing process. As such, this work project will focus on major amendments to the plan which generally involve subregional considerations.

Previous and Current Work

The original regional water quality management plan was completed in 1979. Under the 1994-1995 water quality planning program, a report providing an update of and status report on the regional water quality management plan was completed. During 2001, work was completed on a major plan amendment for the point source element of the regional water quality management plan as it pertains to the northwestern Waukesha County area. Work also continued in assisting the communities in the adoption and implementation of a major plan amendment relating to sewerage facilities and the sewer service area in the greater Racine area. Input was also provided to the Milwaukee Metropolitan Sewerage District on the initiation of a new facility planning program which may refine regional water quality management plan as it pertains to the Milwaukee metropolitan sewer service area. In this regard, the Commission participates as a member of a working committee which meets regularly to consider implementation-related steps associated with the MMSD facility plan.

Relationship to Other Activities

This project is related to Projects 300-1000 and 300-3000, which include the provision of assistance to designated management agencies in plan implementation and updating on a local basis.

Work Description/Methodology

During the year 2002, the Commission staff will continue to provide input into the ongoing inter-governmental process relating to implementation of a major plan amendment relating to sewerage facilities and sewer service areas in the greater Racine area. Work may also be initiated on another major subregional plan amendment.

Schedule

The greater Racine area plan adoption and implementation assistance will be ongoing.

Products

A Commission plan amendment report documenting the agreed upon sewerage system plan for the greater Racine area will be prepared at such time as intergovernmental agreements are reached.

Funding Source

SEWRPC	
<u>(tax levy)</u>	<u>Total</u>
100%	100%
\$20,000	\$20,000

**PROJECT 300-5000: WATER QUALITY PLAN UPDATE
GROUNDWATER MANAGEMENT STUDIES**

Objective

To develop groundwater resources-related data and analyses for use in regional land use and water quality management planning over a multi-year period.

Previous and Current Work

Prior to 2002, work was completed on groundwater resources inventories, including a pollution potential mapping for the Region. In addition, mapping was completed on a regional basis for inventories of potential sources of groundwater pollution. Work was completed on preparation of the final report incorporating all inventories, mapping, and analyses and on a prospectus describing a regional groundwater aquifer modeling program for Southeastern Wisconsin. The prospectus was approved and funding arrangements were made to carry out a groundwater aquifer modeling program over a three-year period. During 2000 and 2001, work was ongoing on the model development. The model development is being carried out under an interagency agreement by the Commission, the U.S. Geological Survey, and the Wisconsin Geological and Natural History Survey staffs. The work is being overseen by the Commission's Technical Advisory Committee on Groundwater Resources.

Relationship to Other Activities

This project is designed to provide for groundwater quantity and quality protection planning activities and supports the regional water quality and land use planning programs.

Work Description/Methodology

This project is intended to constitute the long-range, multi-year program designed to develop groundwater resources data and analyses for use in the regional land use and water quality management planning. During the year 2002, work will be completed on the development of the regional aquifer simulation model and initial model simulation analyses will be carried out.

Schedule

The regional groundwater aquifer modeling work, including three reports documenting the project, are scheduled to be completed over a three-year period ending during the year 2002.

Products

Three reports will be prepared and published documenting the model parameters and model development procedures.

Funding Source

<u>WisDNR</u>	<u>SEWRPC (tax levy)</u>	<u>SEWRPC (service agreements)</u>	<u>Total</u>
31%	31%	38%	100%
\$20,000	\$20,000	\$24,000	\$64,000

Chapter V

PROPOSED 2002 REGIONAL FLOODLAND MANAGEMENT PLANNING PROGRAM

INTRODUCTION

The proposed year 2002 regional floodland management planning program consists of six projects divided into two basic tasks as follows:

<u>Task</u>	<u>Project Number</u>	<u>Project Name</u>
General Floodland Management Projects	330-1000	Continuing Floodland and Stormwater Management Planning
	330-2000	Flood Hazard Area Mapping within Milwaukee County
	330-2100	Flood Hazard Area Mapping for Watersheds Tributary to Milwaukee County
	330-3000	Continuing Watershed Planning— Flood-Flow and Flood-Stage Revisions
Special Floodland Management	330-8000	Stormwater Management System Plan for the Butler Ditch Subwatersheds in the City of Brookfield and the Village of Menomonee Falls
	350-1000	Cooperative Streamflow-Gaging Program

The balance of this chapter consists of the presentation of individual project descriptions. The program budget is summarized in Chapter XI.

**PROJECT 330-1000: CONTINUING FLOODLAND AND STORMWATER
MANAGEMENT PLANNING**

Objective

To abate flood damages through the development and implementation of sound comprehensive floodland and stormwater management planning, and the preserving and protecting of floodlands.

Previous and Current Work

This is a continuing program which relies and builds upon previous work and previously developed plans. During the year 2001, the Commission staff has continued to provide available hydrologic and hydraulic data and technical assistance relating to stormwater and floodland management to governmental agencies, local units of government, their contractors, and private interests. In addition, the Commission has conducted a number of special studies and assisted in floodland and stormwater management programs.

Relationship to Other Activities

This project involves activities which in part relate to implementation of comprehensive watershed plans as have been completed for eight of the Region's 12 watersheds.

Work Description/Methodology

The project involves the development and provision of hydrologic-hydraulic data and technical assistance to government agencies, local units of government, their contractors, private parties. This technical work involves reevaluation and refinement of hydrologic-hydraulic data developed, and flood control management recommendations set forth in adopted watershed plans. Special stormwater management plans will be prepared addressing stormwater drainage, flood control, and nonpoint source pollution control. Assistance will also be provided to local units of government to develop project scoping and review of stormwater plans and in stormwater permitting activities.

Schedule

This work effort is continuing with products being prepared over the course of the year.

Products

An estimated 25 letter or memorandum reports will be prepared, and a full file maintained of all flood-flow and flood-stage data for the areas of the Region for which comprehensive watershed plans have been prepared and adopted.

Funding Source

SEWRPC	
<u>(tax levy)</u>	<u>Total</u>
100%	100%
\$230,000	\$230,000

PROJECT 330-2000: FLOOD HAZARD MAPPING WITHIN MILWAUKEE COUNTY

Objective

To complete a multi-purpose, multi-user, parcel-based automated mapping and land information system for the entirety of Milwaukee County.

Previous and Current Work

During 2001, work was initiated on Phase I of the mapping, including preparation of the 10-, 50-, 100-, and 500-year recurrence interval flood hazard areas for the Oak Creek watershed, the Legend Creek subwatershed. Work was also initiated on updating the hydrologic and hydraulic analyses for the Kinnickinnic and Menomonee River watersheds.

Relationship to Other Activities

This project involves activities which relate to implementation of comprehensive watershed plans as have been completed for the Menomonee River, Milwaukee River, Kinnickinnic River, Root River, and Oak Creek watersheds. The project also complements and is being coordinated with project 330-2100 which provides for similar mapping in the watershed areas tributary to Milwaukee County.

Work Description/Methodology

The proposed project will consist of the development of accurate mapping in digital format of the 10-, 50-, 100-, and 500-year recurrence interval floodplain areas and 100-year Lake Michigan coastal flooding areas within Milwaukee County. The project area consists of 508 U.S. Public Land Survey one-quarter sections and encompasses riverine floodplain and Lake Michigan coastal flooding areas in all of the communities in the County, including the Cities of Cudahy, Franklin, Glendale, Greenfield, Milwaukee, Oak Creek, South Milwaukee, Wauwatosa, and West Allis and the Villages of Bayside, Brown Deer, Fox Point, Greendale, Hales Corners, River Hills, St. Francis, Shorewood, West Milwaukee, and Whitefish Bay.

Schedule

This work effort for Phase I will be completed during 2002. The Phase II, or final phase, is scheduled to be completed in 2003.

Products

Upon completion of this project, floodplain boundaries will have been accurately delineated and digitally added to all large-scale topographic maps prepared under the MCAMLIS project. The proposed mapping will consist of layers in the system which can readily be combined with the large-scale cadastral, as well as topographic maps which have been prepared under the MCAMLIS program. The layers will also be suitable for use with digital orthophotographic products and other map products correctly related to the MCAMLIS survey control network. Four layers will include the 10-, 50-, 100-, and 500-year recurrence interval floodplain boundaries; a fifth the 100-year recurrence interval floodway boundaries; and a sixth the flood stage elevations, cross-section locations, and river mile stations. The mapping will provide an improved basis for local floodplain zoning, which is currently required under Chapter NR 116 of the *Wisconsin Administrative Code* and is in place in all of the communities in Milwaukee County.

Funding Source

SEWRPC (service <u>agreements)</u>	<u>Total</u>
100%	100%
\$349,900	\$349,900

**PROJECT 330-2100: FLOOD HAZARD MAPPING FOR AREAS
TRIBUTARY TO MILWAUKEE COUNTY**

Objective

To complete a multi-purpose, multi-user, parcel-based automated mapping and land information system for the watershed areas tributary to Milwaukee County.

Previous and Current Work

During 2001, work was initiated on Phase I of the mapping, including preparation of the 10-, 50-, 100-, and 500-year recurrence interval flood hazard areas for the Butler Ditch and Underwood Creek subwatersheds.

Relationship to Other Activities

This project involves activities which relate to implementation of comprehensive watershed plans as have been completed for the Menomonee River and Root River watersheds. The project also complements and is being coordinated with project 330-2000 which provides for similar mapping for flood hazards areas within Milwaukee County.

Work Description/Methodology

This project will consist of the development of accurate mapping in digital format of the 10-, 50-, 100-, and 500-year recurrence interval flood hazard areas along those stream reaches in the Menomonee and Root River watersheds located outside Milwaukee County, but tributary to stream reaches within Milwaukee County. The project area consists of 211 U.S. Public Land Survey one-quarter sections and encompasses riverine floodplain areas in the City of Mequon in Ozaukee County, the Village and Town of Germantown in Washington County, and the Cities of Brookfield, Muskego, and New Berlin and the Villages of Butler, Elm Grove, and Menomonee Falls in Waukesha County.

Schedule

This work effort for Phase I will be completed during 2002. The Phase II, or final phase, is scheduled to be completed in 2003.

Products

Upon completion of this project, flood hazard area boundaries will have been accurately delineated and digitized along the stream reaches concerned. The proposed mapping will consist of digital layers which can readily be combined with the digital, large-scale cadastral, as well as topographic mapping which has been prepared to SEWRPC standards in the Waukesha County portions of the study area and the digital large-scale topographic mapping which has been prepared to SEWRPC standards in the Ozaukee County portion of the study area. The layers will also be suitable for use with digital orthophotographic and other map products prepared to SEWRPC standards. Four layers will include the 10-, 50-, 100-, and 500-year recurrence interval flood hazard area boundaries; a fifth the 100-year recurrence interval floodway boundaries; and a sixth the flood stage elevations, cross-section locations, and river mile stations.

Funding Source

<u>SEWRPC (tax levy)</u>	<u>SEWRPC (service agreements)</u>	<u>Total</u>
51%	49%	100%
\$96,000	\$94,100	\$190,100

**PROJECT 330-3000: CONTINUING WATERSHED PLANNING—
FLOOD-FLOW AND FLOOD-STAGE REVISIONS**

Objective

To assist local, State, and Federal units and agencies of government through the reevaluation of flood flows and stages, using all available hydrologic, hydraulic, and topographic data.

Previous and Current Work

Prior to the year 2002, the Commission staff updated the hydrologic and hydraulic analyses for the Oak Creek watershed that were originally conducted under the comprehensive watershed plan. The Commission staff also refined hydrologic modeling for the Pike River watershed. Floodland boundaries were delineated on large-scale topographic maps prepared for portions of Kenosha, Milwaukee, Racine, Washington, and Waukesha Counties. Updated and expanded rainfall intensity, duration and frequency analyses were prepared or documented in a technical report for use regionwide. The Commission staff also responded to numerous hydrologic and hydraulic data and analysis requests from counties, municipalities, State and Federal agencies, and private consultants.

Relationship to Other Activities

This project involves the preparation of the basic watershedwide, hydrologic and hydraulic data. This data is used for site-specific analyses by the Commission staff and others as described under Project 330-1000, Continuing Floodland and Stormwater Management Planning.

Work Description/Methodology

Comprehensive plans have been completed for eight of the Region's 12 watersheds: the Root River, Fox River, Milwaukee River, Menomonee River, Kinnickinnic River, Pike River, and Oak Creek watersheds. In addition, work was completed on the preparation of a comprehensive plan for the Des Plaines River watershed, with final report publication expected early in 2002. Moreover, the Commission has developed tools for use in those parts of the Region for which watershed studies have not been prepared and for selected smaller streams not previously studied. The Commission will conduct data research and analyses needed for reevaluation and refinement of hydrologic-hydraulic data and flood control analyses, integrating all available data, including flood insurance study results. Data are incorporated as a layer on large-scale topographic mapping as needed and schedules allow.

Schedule

Work will be ongoing during the year.

Products

Flood-flow and flood-stage data, flood profiles, and delineated areas of inundation will be prepared and published in technical report format.

Funding Source

<u>SEWRPC (tax levy)</u>	<u>SEWRPC (service agreements)</u>	<u>Total</u>
98%	2%	100%
\$287,587	\$5,000	\$292,587

PROJECT 330-8000 STORMWATER MANAGEMENT SYSTEM PLAN FOR THE BUTLER DITCH SUBWATERSHEDS IN THE CITY OF BROOKFIELD AND THE VILLAGE OF MENOMONEE FALLS

Objective

To develop a comprehensive stormwater management system plan to address the issues of stormwater drainage, nonpoint source pollution abatement and flood control in the Butler Ditch subwatershed in the City of Brookfield and the Village of Menomonee Falls.

Previous and Current Work

Work was largely completed on the stormwater management system plan with the assistance of an engineering consultant to develop portions of the technical work. Alternatives and preliminary recommendations for the resolution of existing and anticipated future stormwater management problems have been developed and reviewed with the community staffs.

Relationship to Other Activities

The nonpoint source pollution abatement element of this plan will represent a step toward implementation of the regional water quality management plan. Any revised hydrologic and hydraulic analyses and flood hazard area maps will represent a refinement to the analyses and mapping developed as part of the comprehensive watershed planning program for the Menomonee River as covered under Project 330-3000, Continuing Flood Flows and Flood Stage Revisions.

Work Description/Methodology

The report documenting the stormwater management system plan will be published early in 2002, following public evaluation and comment on the alternative and preliminary recommended plan.

Schedule

Project report is expected to be completed early in 2002.

Products

A community assistance planning report.

Funding Source

<u>SEWRPC</u> <u>(service agreements)</u>	<u>Total</u>
100%	100%
\$20,000	\$20,000

PROJECT 350-1000 COOPERATIVE STREAMFLOW-GAGING PROGRAM

Objective

To provide long-term records of streamflow data in support of local, State, and Federal water resources management decisions.

Previous and Current Work

Streamflow data were collected and published from a network of 25 continuous-recording stream-gaging stations during 2001.

Relationship to Other Activities

The streamflow data collected are essential to sound hydrologic analyses of the storm system and are integrated into the continuing floodland management and watershed planning work.

Work Description/Methodology

This project involves the preparation of an annual work program and contract with the U.S. Geological Survey (USGS) and the maintenance of a set of 25 recording stream gages. The USGS will perform the gage maintenance work and collect and publish the data.

Schedule

This is an ongoing project carried out over the course of the year.

Products

Streamflow data is set forth in a published report by the U.S. Geological Survey. Data from most gages is available electronically on a real time basis.

Funding Source

<u>USGS</u>	<u>SEWRPC</u> <u>(service agreements)</u>	<u>Total</u>
50%	50%	100%
\$70,700	\$70,700	\$141,400

Chapter VI

PROPOSED 2002 COASTAL MANAGEMENT PLANNING PROGRAM

INTRODUCTION

The proposed 2002 coastal management planning program consists of one project classified within one task, as follows:

<u>Task</u>	<u>Project Number</u>	<u>Project Name</u>
Coastal Management Coordination Project	390-1000	Coastal Management Program Coordination

This project is described on the following page. The program budget is summarized in Chapter XI.

PROJECT 390-1000: COASTAL MANAGEMENT PROGRAM COORDINATION

Objective

To assist the Wisconsin Department of Administration in the conduct of the Wisconsin Coastal Management Program; to assist local units and agencies of government in their ability to better manage their coastal resources; to develop planning and engineering data which can contribute to the resolution of encroachment on ecologically sensitive areas, waterfront blight, and flooding problems; to undertake both the collection of statistical data and public attitudinal surveys concerning the demand for commercial and recreational fishing and the need for further port developments along the Southeastern Wisconsin lake-shore as requested by the Wisconsin Coastal Council; and to develop a public attitudinal program under which the major and complex issue of the desirability of public accessibility to the shoreline can be determined.

Current and Previous Work

Assisted numerous local units of government to develop coastal management program projects. Participated in activities designated by the Wisconsin Coastal Management Council, including the Wisconsin Wetland Delineation Training Courses.

Relationship to Other Activities

The Commission's data base is actively used in the conduct of this project. Specifically, the Commission's land use, natural resource, soils, and topographic information is used in the development of planning and engineering data related to the coastal zone. In addition, the Commission's land use; sewer service area; park recreation, and open space; and natural area and critical species habitat plans are continuously utilized.

Work Description/Methodology

The Commission staff will assist local units and agencies of government within the coastal management area in the identification and management of special coastal areas, as well as assist in identifying coastal management projects for local implementation utilizing coastal management funds. In addition, Commission staff will, upon request, assist local coastal governments with developing project requests for possible Federal funding under the Coastal Zone Management Act of 1972, as amended. Public attitudes on issues pertaining to the coastal area will continue to be solicited through the Southeastern Wisconsin Coastal Management Committee, made up of local public officials, technical experts, and appointed citizen leaders. The Commission will continue to participate in public information activities through the solicitation and dissemination of news releases, public informational meetings, and other means.

Schedule

This project is conducted annually.

Products

News releases, committee meetings, staff meetings, local government meetings, letters, and letter reports.

Funding Source

<u>WisDOA</u>	<u>SEWRPC</u> <u>(tax levy)</u>	<u>Total</u>
50%	50%	100%
\$10,000	\$10,000	\$20,000

Chapter VII

PROPOSED 2002 PLANNING RESEARCH PROGRAM

INTRODUCTION

The proposed 2002 planning research program consists of three projects divided into two basic tasks as follows:

<u>Task</u>	<u>Project Number</u>	<u>Project Name</u>
Basic Research Projects	400-1000	Demographic and Economic Data Research, Base File Creation and Maintenance, and Data Provision
	410-1000	Transportation-Related Environmental Inventories, Assessments, and Evaluations
Mapping and Related Projects	420-1000	Regional Base Mapping and Survey Control

The balance of this chapter consists of the presentation of individual project descriptions. The program budget is summarized in Chapter XI.

PROJECT 400-1000: DEMOGRAPHIC AND ECONOMIC DATA RESEARCH, BASE FILE CREATION AND MAINTENANCE, AND DATA PROVISION

Objective

To maintain current information on the Region's population and economy, analyze current population and economic trends, and prepare population, employment, and personal income forecasts in support of Commission planning programs.

To provide, upon appropriate request, historic, current, and planned demographic, economic, and related data and staff capabilities as may be useful in the day-to-day work of public and private agencies within the Region.

To provide technical assistance to the U.S. Bureau of the Census, the Wisconsin Department of Administration, and local units of government, as may be needed to help coordinate the efficient dissemination of data from the 2000 census as it becomes available.

Previous and Current Work

The Commission staff annually collates and analyzes information on current population, household, and employment estimates for the Region.

The Commission has prepared data files indicating population, household, and employment levels by U.S. Public Land Survey quarter section for the years 1970, 1975, 1980, 1985, 1990, and 1995. In 2001, the Commission initiated major reinventories of population, household, and employment levels in the Region for the year 2000.

The provision of data to public agencies and private interests from the Commission's demographic and economic data files is an ongoing activity. In 2001, this included the dissemination of complete-count data from the year 2000 census. In a typical year, the Commission staff responds to about 350 requests for socioeconomic data.

Relationship to Other Activities

Historic, current, and projected demographic and economic data are essential to the Commission's land use, transportation, water quality, and community assistance planning programs. State, county, and local government agencies also utilize Commission historic, current, and projected demographic and economic data files for a wide range of planning activities. Use of Commission demographic and economic forecasts by other public agencies and private interests enables them to formulate land use and public facility plans and development proposals which are consistent with the regional plan.

An update of the Commission's socioeconomic data base to the year 2000 and the preparation of new long-range projections of population, households and employment levels are necessary for, and must be completed prior to, the next major reevaluation of the regional land use and transportation plans.

Work Description/Methodology

The Commission will continue work on major reinventories of the Region's demographic and economic base. This work draws from the 2000 Census of Population and Housing and utilizes current economic data from the U.S. Bureau of Economic Analysis, the Wisconsin Department of Commerce, and other sources. The inventory work includes the preparation of a data file indicating year 2000 employment levels by U.S. Public Land Survey quarter-section in the Region and the preparation of a data file indicating year 2000 population and housing levels by Land Survey quarter-section.

The Commission will conduct major analyses of the Commission's demographic and economic base and prepare new long-range projections of population, households, and employment for the Region.

The Commission will continue to respond to requests from public agencies and private interests for historic, current, and planned demographic and economic data and assist in the interpretation and use of such data.

Upon request, Commission personnel will be assigned to advisory committees or task forces to coordinate research activities and to make available information contained in Commission data files.

The Commission will continue to assist in the dissemination of data from the 2000 census to State, county, and local units and agencies of government.

Schedule

Work on the preparation of the year 2000 quarter-section employment file and population/housing file and the development of new population, household, and employment projections will continue throughout 2002 and be completed in spring 2003. The provision of historic, current, and planned population and economic data, and related technical assistance to public and private interests will continue throughout 2002.

Products

Data files, tables, graphs, maps, and written analyses regarding the Region's demographic and economic base prepared for use in Commission planning programs and in response to requests from public agencies and private interests.

Current estimates of population, households, and employment presented yearly in the Commission *Annual Report*, along with a comparison of current and Commission-projected population, household, and employment levels.

An update of the Commission employment file indicating the number of jobs by major category in the Region by quarter section for 2000; and an update of the Commission population/housing file indicating the household population, group quarter population, total housing units, and occupied housing units in the Region by quarter-section for 2000.

New long-range population, household, and employment forecasts for the Region, appropriately documented in Commission technical reports.

Funding Source

<u>FTA</u>	<u>FHWA</u>	<u>WisDOT</u>	<u>SEWRPC (tax levy)</u>	<u>Total</u>
23%	57%	10%	10%	100%
\$46,600	\$113,400	\$20,000	\$20,000	\$200,000

PROJECT 410-1000: TRANSPORTATION-RELATED ENVIRONMENTAL INVENTORIES, ASSESSMENTS, AND EVALUATIONS

Objective

To provide inventory data, assessments, and evaluations on woodlands, wetlands, prairies, wildlife habitats, and fish and other aquatic life in the Region in conjunction with alternative or proposed transportation system-related projects.

Previous and Current Work

Projects have included field inspections and staking of wetlands for the CTH K bridge replacement at Brighton Creek in the Town of Bristol, the proposed Wisconsin Department of Transportation wetland mitigation site in the Town of Paris, and the STH 83 reconstruction route between CTH JB and STH 50 in the Town of Wheatland, Kenosha County; the proposed Lake Parkway extension between Layton Avenue and Pennsylvania Avenue in the City of Cudahy, the CTH U reconstruction route between W. Puetz Road and Imperial Drive and the S. 76th Street bridge replacement at Ryan Creek in the City of Franklin, the W. Grange Avenue reconstruction route between S. 121st. Street and S. 108th Street in the Village of Hales Corners, the proposed noise barrier installation at the IH 94 northbound on-ramp at College Avenue in the City of Milwaukee, the S. 13th Street culvert replacements at unnamed tributaries to Oak Creek in the City of Oak Creek, and the 15th Avenue bridge replacement at Oak Creek in the City of South Milwaukee, Milwaukee County; the Bridge Street bridge rehabilitation at Cedar Creek in the City of Cedarburg, the CTH T bridge rehabilitation at Cedar Creek and the Cedar Creek Road bridge replacement at Cedar Creek in the Town of Cedarburg, the Wasaukee Road rehabilitation route between Mequon Road and County Line Road in the City of Mequon, and the STH 33 reconstruction route between Ulaio Street to CTH W in the Village of Saukville, Ozaukee County; the STH 83 reconstruction route between the treatment plant and CTH JB in the Town of Burlington, the STH 31 reconstruction between 6 Mile Road and 4 Mile Road and the CTH K/STH 38 intersection reconstruction in the Town of Caledonia, and the Horlick Drive bridge replacements at crossings of the Root River in the City of Racine, Racine County; the STH 120 Bypass project in the Town of Bloomfield and the STH 67/USH 12 intersection reconstruction in the Towns of Lafayette and Sugar Creek, Walworth County; the USH 45 reconstruction between CTH D and CTH H in the Town of Barton, the CTH M route realignment and bridge replacement at Cedar Creek in the Town of Jackson, and the STH 144 reconstruction route Between Tennes Drive and the USH 45 interchange in the Town of Polk, Washington County; the Barker Road and North Avenue intersection reconstruction and the CTH YY reconstruction route between points 500 feet south of CTH VV and 2000 feet south of CTH K in the City of Brookfield, the Barker Road bridge replacement at Poplar Creek in the Town of Brookfield, the Cushing Park Road bridge replacement at the Bark River in the City of Delafield, the CTH LO bridge replacement at Jericho Creek in the Town of Eagle, the CTH D culvert replacement at an unnamed tributary to Genesee Creek in the Town of Genesee, the CTH JK culvert replacements at an unnamed tributary to Pewaukee Lake in the Town of Lisbon, the CTH L culvert replacement at Pilak Creek and the Martin Drive/Bay Lane/Janesville Road reconstruction route in the City of Muskego, the STH 59 reconstruction route between the Wisconsin & Southern Railroad and Oakridge Drive in the Village of North Prairie, the CTH TT culvert replacement at an unnamed tributary to Pebble Creek in the Town of Waukesha, and the STH 83 reconstruction route between IH 94 and CTH NN in Waukesha County.

Relationship to Other Activities

Commission's large-scale aerial photography and topographic mapping is used to identify candidate sites and to report findings. In addition, the Commission's land use inventory, natural area and critical species habitat plan, soils mapping, and wetland inventory mapping are all used in evaluating project sites.

Work Description/Methodology

Upon request, inventories, including field staking, of woodlands, wetlands, prairies, wildlife habitats, and fish and other aquatic life habitats will be conducted along with the preparation of a species list and noting of any rare, endangered, or threatened species present for sites being considered for roadway or bridge projects. Evaluation of sites will be made regarding their ecological value and significance within the Region. An assessment of any environmental impacts from proposed transportation projects will be provided upon request. In addition, inventories will be provided and preliminary design concepts will be prepared for stream restoration and relocation projects associated with transportation projects.

Schedule

This is a continuing project

Products

Letter reports providing the inventory data and evaluating and assessing the environmental quality of selected transportation project sites within the Region.

Funding Source

<u>FTA</u>	<u>FHWA</u>	<u>WisDOT</u>	<u>SEWRPC (tax levy)</u>	<u>Total</u>
23%	57%	10%	10%	100%
\$11,650	\$28,350	\$5,000	\$5,000	\$50,000

PROJECT 420-1000: REGIONAL BASE MAPPING AND SURVEY CONTROL

Objective

To prepare and update base maps necessary to the conduct of ongoing Commission programs. To collect, collate, and disseminate control survey data necessary to the conduct of Commission, State, county, and municipal planning and engineering programs.

Previous and Current Work

The base maps, which were converted to digital format by the commission staff, are updated annually as resources permit to include municipal boundary changes. The maps are updated every five years to include changes in physical features. Control survey data files are maintained on a continuing basis.

Relationship to Other Activities

Base mapping products are essential to the conduct of the regional planning program. They provide the basis for graphic presentation of data collected under regional inventories of urban growth and land use change. Control survey data products are widely distributed.

Work Description/Methodology

The Commission digital base map series will be updated using Wisconsin Department of Transportation State aid mileage summary maps to make changes in municipal boundaries; and using new aerial photography obtained in the spring of 2000 (PROJECT 420-2000) to make changes in physical features. A variety of control survey data will be collected, collated, and disseminated including control survey summary diagrams; U.S. Public Land Survey corner, traverse station, and benchmark dossier sheets; and selected computer files. Maintenance work for monumented control survey stations established under previous programs will be carried out as required.

Schedule

The regional base mapping program and the regional control survey data program are continuous. Work will be conducted throughout the year 2002.

Products

Updated digital base maps will be produced as described above. Updated control survey data files will be produced. Maintenance of control survey stations will produce the basis for current control survey data files.

Funding Source

<u>FTA</u>	<u>FHWA</u>	<u>WisDOT</u>	<u>SEWRPC (tax levy)</u>	<u>Total</u>
23%	57%	10%	10%	100%
\$76,890	\$187,110	\$33,000	\$33,000	\$330,000

Chapter VIII

PROPOSED 2002 COMMUNITY ASSISTANCE PLANNING PROGRAM

INTRODUCTION

The proposed 2002 community assistance planning program consists of eight projects divided into five basic tasks as follows:

<u>Task</u>	<u>Project Number</u>	<u>Project Name</u>
Advisory and Educational Project	500-1000	Guidance on Local Planning Matters and Educational Services
Review Projects	510-1000	State and Federal Grant Review Services
	510-2000	Environmental and Agricultural Impact Statement Review Services
	510-4000	Subdivision Plat Review Services
Local Plan Implementation Devices	530-1000	Zoning Ordinances and Maps, Land Division Ordinances, Official Map Ordinances, and Other Local Plan Implementation Devices
Special Community Assistance Projects	770-9000	County Land Information System Assistance
	780-1000	County Surveyor Services

The balance of this chapter consists of the presentation of individual project descriptions. The program budget is summarized in Chapter XI.

PROJECT 500-1000: GUIDANCE ON LOCAL PLANNING MATTERS AND EDUCATIONAL SERVICES

Objective

To extend basic planning and engineering data to local units of government and interested citizens in the Region; to give advice on local planning matters on an ad hoc basis. To further principles of sound planning by providing advisory and educational services to interested citizens and local units of government, as well as functional guidance on local planning matters.

Previous and Current Work

Information concerning specific Commission work programs, as well as the general work of the Commission, has been discussed with numerous groups. Commission staff has made formal presentations to many advanced education classes. The staff has also responded to many telephone calls and visits to the Commission offices.

The Commission staff has responded to questions regarding the interpretation of local zoning ordinances and local comprehensive plans, provided examples of regulatory solutions to various development problems, provided urban design solutions to various development problems, provided basic demographic data to local units of government and interested citizens in the Region, and prepared contracts and specifications for local mapping and planning programs.

Relationship to Other Activities

Providing information and education on the relationship between local planning matters and other aspects of the Commission work programs helps in the conduct of the regional planning program.

Work Description/Methodology

Educational services are provided to local units of government, as well as interested citizen groups, in order to explain the need for, and the purpose of, continuing local, regional, and state planning programs, and the relationships which exist among these several levels of planning, and to encourage creation, organization, staffing, and financing of local planning programs. The Commission staff prepares pamphlets and other general educational materials on local planning, planning implementation, and land development matters.

The Commission provides basic planning and engineering data available in Commission files. The provision of data may also include analytical work by the Commission staff, but such work efforts are short in duration, normally not exceeding two days in their preparation. The staff also prepares contracts and specifications for local mapping and planning programs. On request, Commission staff will attend local plan commission meetings to give advice on local plans.

Schedule

This activity is conducted on an on-going basis.

Products

Formal oral presentations and discussions with groups and individual citizens; pamphlets and other educational materials; letter reports; meeting attendance.

Funding Source

<u>SEWRPC (tax levy)</u>	<u>SEWRPC (service agreements)</u>	<u>Total</u>
68%	32%	100%
\$102,000	\$48,000	\$150,000

PROJECT 510-1000: STATE AND FEDERAL GRANT REVIEW SERVICES

Objective

To review and comment upon State and Federal grant applications for financial support of projects and work programs proposed by State, local, and areawide units of government and by various other agencies and individuals.

Current and Previous Work

The Commission staff reviewed 104 applications requesting over \$260 million in Federal and State aids in 2000. The Commission staff will review an estimated 110 applications in 2001.

Relationship to Other Activities

Federal and State agencies are advised whether or not a development project proposed to be provided with Federal or State funding assistance is in conformance with and/or serves to implement regional plans or plan components adopted by the Commission.

Work Description/Methodology

The function of areawide planning agency review of federally assisted local and State development projects began in 1964, reflecting increasing Federal government concern that Federal loan, grant, and mortgage insurance programs in large metropolitan regions be used effectively on an areawide basis. In addition to performing these Federal aid reviews, the Commission reviews applications for State grants-in-aid for pollution prevention and abatement facilities and for local parkland acquisition and facility construction.

In accordance with a policy statement adopted by the Commission on October 9, 1967, applications are reviewed to determine whether the proposed project is in conformance with and serves to implement regional, watershed, and district plans or plan elements prepared or adopted by the Commission; is not in conflict with such plans or plan elements prepared and adopted or under preparation by the Commission; or is in conflict with such plans or plan elements prepared and adopted or under preparation by the Commission or is in conflict with or duplicates other proposed projects.

In addition to determining the relationship of a project to adopted regional plan elements, the Commission solicits review comments, as appropriate, from other agencies conducting planning programs more directly related to a particular functional area and schedules interagency meetings to discuss any problems that may be associated with the proposed projects or programs.

Schedule

This activity is conducted on an on-going basis. The Commission staff will review and comment on an estimated 110 applications in 2002.

Products

Clearinghouse notices and letter reports dealing with an estimated 105-115 applications per year.

Funding Source

SEWRPC	
<u>(tax levy)</u>	<u>Total</u>
100%	100%
\$5,000	\$5,000

**PROJECT 510-2000: ENVIRONMENTAL AND AGRICULTURAL
IMPACT STATEMENT REVIEW SERVICES**

Objective

To review and comment on State, Federal, and local projects that may have a significant effect on the natural and agricultural environments.

Previous and Current Work

The Commission staff reviewed one draft environmental impact statement in 2000. The Commission staff will review an estimated two impact statements in 2001.

Relationship to Other Activities

Work Description/Methodology

The Commission staff reviews environmental and agricultural impact statements where the subject project may have a negative or positive impact on the natural or agricultural environment. The purpose of the review is to determine whether the proposed project is in conformance with and serves to implement regional, watershed, and district plans or plan components adopted by the Commission, or is in conflict with or duplicates other proposed projects.

Schedule

This activity is on going. The Commission staff will review and comment on an estimated two impact statements during 2002.

Products

Letter reports.

Funding Source

SEWRPC <u>(tax levy)</u>	<u>Total</u>
100%	100%
\$5,000	\$5,000

PROJECT 510-4000: SUBDIVISION PLAT REVIEW SERVICES

Objective

To respond to local government unit's request to determine whether preliminary plats are in conformance with adopted regional plans.

Previous and Current Work

The Commission staff reviewed 44 preliminary plats in the Southeastern Wisconsin Region in 2000. The Commission staff will review an estimated 40 preliminary plats and certified survey maps during 2001.

Relationship to Other Activities

Local units of government are advised whether or not submitted applications for subdivision or land division are in conformance with, and serve to implement, regional, watershed, and district plans or plan elements prepared and adopted or under preparation by the Commission.

Work Description/Methodology

The Commission staff, in response to requests from local governments, reviews preliminary subdivision plats and certified survey maps to determine whether they are in conformance with and serve to implement regional, watershed, and district plans or plan elements prepared and adopted or under preparation by the Commission. Copies of Commission letters are provided to the District Office of the Wisconsin Department of Transportation if the plat abuts a state trunk highway or connecting highway.

Schedule

This activity is conducted on an on-going basis. The Commission staff will review an estimated 40 preliminary plats and certified survey maps during 2002.

Products

Letter reports.

Funding Source

SEWRPC	
<u>(tax levy)</u>	<u>Total</u>
100%	100%
\$5,000	\$5,000

PROJECT 530-1000: ZONING ORDINANCES AND MAPS, LAND DIVISION ORDINANCES, OFFICIAL MAP ORDINANCES, AND OTHER LOCAL PLAN IMPLEMENTATION DEVICES

Objective

To prepare or revise local zoning ordinances and maps to better reflect existing and planned urban and rural development. To prepare or revise local land subdivision control ordinances to better enable local governments to cope with land development problems. To prepare local official maps to reserve proposed street rights-of-way and proposed parks and open spaces. To assist communities in the preparation of other plan implementation devices, such as growth control ordinances and specific design control guidelines.

Previous and Current Work

During 2001, a zoning ordinance and map for the Town of Wayne was completed; and public informational meetings were held on a proposed zoning ordinance and map for the City of Cudahy. Work continued on floodland/shoreland zoning maps and a Shoreland Zoning Ordinance for Ozaukee County, a revised zoning ordinance and map for the Village of Kewaskum, and a zoning ordinance for the Town of Belgium. Suggested revisions to the Walworth County Subdivision Control Ordinance were completed, and work continued on a land division ordinance for the Village of Fontana. The Commission also updated its model land division control ordinance during 2000 and 2001.

Relationship to Other Activities

Zoning ordinances, land division ordinances, and official maps are some of the most important devices available for the implementation of local land use plans. The implementation of local land use plans that are consistent with regional plans furthers the objectives of the regional planning program in the Region.

Work Description/Methodology

Zoning or land division ordinances are prepared for local municipalities from a basic model ordinance. Ordinance language, zoning maps and official maps are customized to the needs of the local community. Assistance with street layouts is provided for use in official maps.

Schedule

It is anticipated that the zoning ordinance and map for the City of Cudahy will be adopted in late 2001 or early 2002. Work on the floodland/shoreland zoning ordinance and maps for Ozaukee County will continue in 2002, and the zoning ordinances and maps for the Village of Kewaskum and Town of Belgium will be completed in 2002. Work will continue on revisions to the Village of Fontana Subdivision Control Ordinance.

Products

Published zoning ordinances and maps, land division ordinances, and official map ordinances.

Funding Source

<u>SEWRPC (tax levy)</u>	<u>SEWRPC (service agreements)</u>	<u>Total</u>
51%	49%	100%
\$35,000	\$35,500	\$70,500

PROJECT 770-9000: COUNTY LAND INFORMATION SYSTEM ASSISTANCE

Objective

To assist county and local units of government in the Region in developing modernized systems of land records management, with particular emphasis on the development of countywide, multi-purpose, automated land information systems using modern computer hardware and software technology.

Previous and Current Work

Prior to 1993, the Commission completed initial county land information system plans for each of the Region's seven counties. Between 1993 and 2001, the Commission continued work under contract to Kenosha, Milwaukee, and Waukesha Counties directed toward implementation of the land information system plans in those three counties. In 1994, the Commission entered into contracts with Walworth and Washington Counties to begin the implementation of the land information system plans in those two counties. This work continued between 1994 and 2001. In 1995, the Commission entered into a contract with Racine County directed toward the implementation of the Racine County land information system plan. This work continued between 1995 and 2001. Technical assistance in laying the foundation for implementation of the Ozaukee County land information system plan was provided to Ozaukee County during 1993 and 1994. During 1999, the Commission prepared updated land information system plans for Kenosha, Milwaukee, Racine, and Walworth Counties.

Relationship to Other Activities

The development of modern land information systems in the Region's seven counties is important for both local and regional planning efforts. The countywide systems provide ready access and retrieval of information, assist in the maintenance of land records and maps, and facilitate planning and development at the local and regional levels.

Work Description/Methodology

All of the work under this project is done pursuant to letter agreements and contracts with the county and local units of government concerned. During 2002, it is anticipated that such agreements and contracts will call for the following:

1. Enhancement efforts attendant to the Kenosha County land information system.
2. Management of the Milwaukee County land information system plan implementation effort.
3. Provision of technical and administrative assistance to the Racine County land information system plan implementation effort.
4. Provision of technical and administrative assistance to the Walworth County land information system plan implementation effort.
5. Provision of technical assistance to the Washington County land information system plan implementation effort.
6. Provision of technical assistance to the Waukesha County land information system plan implementation effort.
7. Preparation and review of grant applications under the State grant program administered by the Wisconsin Land Information Board.

8. Preparations of contracts, grant agreements, and progress reports related to projects receiving funding from the Wisconsin Land Information Board.

Schedule

This project is conducted annually.

Products

Community assistance planning reports, staff memoranda, hardcopy and digital base maps, miscellaneous digital land information files, grant applications and project progress reports to the Wisconsin Land Information Board, technical advice related to the promulgation and implementation of land records modernization projects.

Funding Source

<u>SEWRPC (tax levy)</u>	<u>SEWRPC (service agreements)</u>	<u>Total</u>
23%	77%	100%
\$345,178	\$1,125,939	\$1,471,117

PROJECT 780-1000: SURVEYOR SERVICES

Objective

To perform the statutory duties and functions of the County Surveyor within Milwaukee, Walworth, and Waukesha Counties and to thereby perpetuate and revitalize the U.S. Public Land Survey System within the Counties, and to maintain the foundation for the modernized land records system in the Counties.

Previous and Current Work

Perform the duties and functions of County Surveyor, as required by statute.

Relationship to Other Activities

The monumented U.S. Public Land Survey System is essential to the conduct of the regional planning program. It provides the basis for the regional base mapping program (PROJECT 420-1000) and for the conduct of both private cadastral and public engineering surveys. U.S. Public Land Survey data products are widely distributed.

Work Description/Methodology

The U.S. Public Land Survey System will be maintained through relocation and monumentation to perpetuate the corner locations as needed. The previously established horizontal and vertical control surveys for the corners will also be maintained. Dossier sheets for the perpetuation of the corners will be prepared. A file of plats of all land surveys conducted within Milwaukee County will be maintained. A computer-generated list and index of all recorded plats of survey will be prepared. The survey list and index will be provided to the Wisconsin Department of Transportation, Milwaukee County Department of Transportation, Milwaukee County Transportation Director, Milwaukee County Register of Deeds, all city and village engineers within Milwaukee County, and all land surveyors who have submitted records of surveys to the Commission for indexing and filing.

Schedule

County Surveyor services will be provided throughout the year 2002.

Products

New or reviewed dossier sheets will be produced for the three Counties. Revised control survey summary diagrams will be produced for the three Counties. A list and index of plats of surveys will be produced for Milwaukee County.

Funding Source

SEWRPC	<u>Total</u>
(service agreements)	100%
100%	100%
\$155,000	\$155,000

Chapter IX

PROPOSED 2002 ECONOMIC DEVELOPMENT PLANNING PROGRAM

INTRODUCTION

The proposed 2002 economic development planning program consists of five projects divided into four basic tasks as follows:

<u>Task</u>	<u>Number</u>	<u>Project</u>	<u>Project Name</u>
Local Economic Development Program Planning		600-1000	Economic Development Program Planning Technical Assistance
Economic Development Data and Information Provision		610-1000	Extension of Economic Development-Related Data and Business Finance Information
Economic Development Project Planning Services		620-1000	Preparation of Economic Development Project Planning Studies
Federal and State Grant-in-Aid Assistance		630-1000	Procurement of Federal and State Grant-in-Aid and Provision of Technical Assistance
		630-3000	Administration of Federal and State Grant-in-Aid Awards and Revolving Loan Fund Programs and Provision of Technical Assistance

These projects are described on the following pages. The program budget is summarized in Chapter XI.

**PROJECT 600-1000: ECONOMIC DEVELOPMENT PROGRAM PLANNING
TECHNICAL ASSISTANCE**

Objective

To assist local units of government, development corporations, and other economic development organizations in developing technical and institutional capacity by providing information and project assistance on economic development program planning.

Previous and Current Work

The Commission staff has provided technical and project assistance on alternative economic development programs, including the preparation of OEDP plans and economic development fact books and the implementation of specific economic development-related activities. In addition, Commission staff has participated in the activities of the Regional Economic Partnership—an economic development initiative of the seven counties in the Southeastern Wisconsin Region, the City of Milwaukee, the Wisconsin Electric Power Company, the Metropolitan Milwaukee Association of Commerce, and the Commission.

Relationship to Other Activities

Local economic development planning is intended to address a variety of local and regional economic development problems and to assist with the implementation of the regional planning program.

Work Description/Methodology

During 2002, the Commission staff will provide assistance upon request to local units of government, development corporations, and other economic development organizations regarding the process of planning for and implementing alternative economic development programs. The Commission staff will also continue to participate in the activities of the Regional Economic Partnership.

Schedule

All work will be completed during 2002.

Products

Oral presentations and discussions with groups, local officials, and other citizens; telephone and in-person consultations; letter correspondence; and preparation of economic development planning staff memorandums. Provision of training, with emphasis on individualized instruction to local government officials to establish community economic development technical and institutional capacity.

Funding Source

SEWRPC	
<u>(tax levy)</u>	<u>Total</u>
100%	100%
\$20,000	\$20,000

PROJECT 610-1000 EXTENSION OF ECONOMIC DEVELOPMENT-RELATED DATA AND BUSINESS FINANCE INFORMATION

Objective

To assist local units of government, Federal and State agencies, development corporations, and other economic development organizations in developing technical and institutional capacity by providing economic development-related data and business finance information.

Previous and Current Work

The Commission staff routinely provides economic development-related data and information to local units of government in the Region, Federal and State agencies, local development corporations, other economic development organizations, businesses, and local citizens. The Commission staff also provides assistance to local community staff and representatives of businesses interested in locating or expanding in communities in Southeastern Wisconsin and utilizing State and Federal business loan programs to do so. In 2001, this assistance was provided at locations within each of the Region's seven counties.

Relationship to Other Activities

Provision of economic development data and information is important to the economic development planning efforts undertaken by local units of government. The data and information is also used by businesses interested in locating or expanding within the Region.

Work Description/Methodology

During 2002, the Commission staff will provide economic development-related data and business finance information upon request to local units of government, Federal and State agencies, local development organizations, businesses, and local citizens. In addition, technical assistance will be provided in the analysis of the data and information.

Schedule

All work will be completed during 2002.

Products

Oral presentations and discussions with groups, local officials, and other citizens; telephone and in-person consultations; and letter correspondence.

Funding Source

SEWRPC	
<u>(tax levy)</u>	<u>Total</u>
100%	100%
\$10,000	\$10,000

PROJECT 620-1000: PREPARATION OF ECONOMIC DEVELOPMENT PROJECT PLANNING STUDIES

Objective

To assist local units of government, development corporations, and other economic development organizations in planning for and preparing local detailed economic development project planning studies.

Previous and Current Work

The Commission staff has provided technical assistance in the conduct of resident surveys of consumer shopping preferences; the preparation of market feasibility studies; the preparation of industry retention surveys; the preparation of industry attraction studies; the preparation, distribution, and updating of community economic profiles for communities throughout the Region, as well as providing electronic copies of these profiles through the World Wide Web; the provision of assistance in relocating businesses and residential dwellings; the preparation, distribution, and updating of a directory of industrial and business parks in the Region; and the identification of public- and private-sector resources for the creation of economic development and housing rehabilitation programs.

Relationship to Other Activities

Economic development project planning services are intended to assist with the implementation of economic development programs that are undertaken by local units of government. The products that are developed have widespread use within the Region.

Work Description/Methodology

During 2002, the Commission staff will provide assistance upon request to local units of government, development corporations, and other economic development organizations in planning for and implementing economic development project planning studies. In addition, the series of community economic profiles will be revised and made available through the World Wide Web .

Schedule

All work will be completed during 2002.

Products

Oral presentations and discussions with groups, local officials, and other citizens; telephone and in-person consultations; letter correspondence; community economic profiles; and preparation of economic development planning staff memorandums.

Funding Source

<u>SEWRPC (tax levy)</u>	<u>SEWRPC (service agreements)</u>	<u>Total</u>
83%	17%	100%
\$50,000	\$10,000	\$60,000

**PROJECT 630-1000 PROCUREMENT OF FEDERAL AND STATE GRANT-IN-AID
AND PROVISION OF TECHNICAL ASSISTANCE**

Objective

To assist local units of government in preparing applications for economic development, housing, public facility, and disaster recovery assistance grant awards from State and Federal government agencies. Also, to provide information and counsel regarding availability of grant-in-aid awards from State and Federal government agencies.

Previous and Current Work

The Commission staff has provided assistance in obtaining economic development grant awards from the State of Wisconsin for business loans in communities throughout the Region. The Commission staff has also provided assistance in obtaining funds from the U.S. Economic Development Administration (EDA) for the capitalization of revolving loan fund programs. The Commission staff has provided assistance in obtaining funds from the State of Wisconsin for infrastructure improvements associated with business expansion projects. By the end of 2000, the Commission staff work had resulted in \$31 million in public funds; a projected \$95 million in private funds; the creation of a projected 3,006 new jobs; and the retention of a projected 824 existing jobs.

In addition, the Commission staff has provided assistance in obtaining grant funds for housing development and rehabilitation, public facility improvements, and disaster recovery assistance projects. By the end of 2000, the Commission staff work resulted in \$13 million in public funds.

Relationship to Other Activities

Provision of grant-in-aid assistance is in direct response to the need of local units of government, businesses, and homeowners for financial support in community growth and development. The Commission staff provides the experience and expertise that are needed for local governments to successfully utilize publicly funded programs. Considerable Commission staff effort is directed at providing this service.

Work Description/Methodology

During 2002, the Commission staff will prepare grant applications for economic development, housing, public facility, and disaster recovery assistance grant awards at the request of local units of government. In addition, Commission staff will provide assistance to build technical and institutional capacity at the local government and development corporation levels regarding available financial assistance for community development and business expansion and start-up projects.

Schedule

All work will be completed during 2002.

Products

Preparation of State and Federal grant applications. Dissemination of information to local units of government and local businesses relative to the policies, regulations, and application procedures governing State and Federal community development and business development assistance programs. Provision of technical assistance with emphasis on individualized instruction to local government officials and business persons to establish technical capacity.

Funding Source

SEWRPC

(tax levy)

100%

\$30,000

Total

100%

\$30,000

PROJECT 630-3000 ADMINISTRATION OF FEDERAL AND STATE GRANT-IN-AID AWARDS AND REVOLVING LOAN FUND PROGRAMS AND PROVISION OF TECHNICAL ASSISTANCE

Objective

To provide staff support to local units of government in the administration of economic development, housing, public facility, and disaster recovery assistance grant awards and revolving loan fund programs. To provide information and counsel to local units of government and development corporations regarding policies and procedures for the administration of Federal and State grant and loan programs.

Previous and Current Work

The Commission has provided staff support to local units of government in the administration of State and Federal grant awards and revolving loan fund programs that are capitalized with the proceeds of those grant awards and other public-sector appropriations.

The Commission has provided staff support to local units of government in the administration of economic development grant awards in communities throughout the Region. The Commission has also provided staff support in the administration of housing rehabilitation, public facility, and disaster recovery assistance grant awards. The Commission has provided staff support in the administration of economic development revolving loan fund programs that has resulted, by the end of 2000, in loans totaling \$4.4 million; a projected \$19.2 million in private funds; the creation of a projected 300 new jobs; and the retention of a projected 130 jobs. The Commission has also provided staff support in the administration of the housing rehabilitation revolving loan fund program in Kenosha County. By the end of 2000, the Commission staff work resulted in 455 loans for housing rehabilitation projects.

Relationship to Other Activities

Provision of assistance in the administration of grant-in-aid and revolving loan fund programs is in direct response to the need of local units of government for financial assistance in community growth and development. The Commission staff provides the experience and expertise that are needed for local governments to successfully utilize publicly funded programs. Considerable Commission staff effort is directed at providing this service.

Work Description/Methodology

During 2002, the Commission staff will administer economic development, housing, public facility, and disaster recovery assistance grant awards at the request of local units of government.

Schedule

All work will be completed during 2002.

Products

Meetings with local officials, business persons, and homeowners; telephone and in-person consultations; letter correspondence; loan packaging; progress reports; and financial and project files and records.

Funding Source

<u>SEWRPC</u> <u>(tax levy)</u>	<u>SEWRPC</u> <u>(service agreements)</u>	<u>Total</u>
40%	60%	100%
\$64,236	\$90,000	\$154,236

Chapter X

PROPOSED 2002 COMMISSION ADMINISTRATIVE ACTIVITIES

INTRODUCTION

Commission administrative projects are those activities which are necessary to the successful completion of the Commission's work program, but for which costs cannot reasonably be allocated to individual work projects. Accordingly, the costs for these services are included in all planning programs as indirect expenses in accordance with the provisions of U. S. Office of Management and Budget Circular A-87. One administrative project is included in this chapter:

<u>Project Number</u>	<u>Project Name</u>
900-1000	Administration Activities

The remainder of this chapter consists of the presentation of the administrative project descriptions and concludes with the Commission's proposed 2002 indirect cost plan.

PROJECT 900-1000: ADMINISTRATION ACTIVITIES

Objective

To provide administrative support to the overall operation of the Regional Planning Commission.

Previous and Current Work

Continuing Activity

Relationship to Other Activities

Administrative activities are essential to the Regional Planning Commission. Such activities provide the Commission with a support basis for all work projects, such as clerical support, personnel and human resource administration, and financial guidance.

Work Description/Methodology

Administration consists of the following: general operational support services and supplies; overall managerial supervision and direction; Commission budget and overall work program preparation; personnel activities; annual audit preparation as directed by a local certified public accounting firm; report and newsletter preparation and distribution; updating and implementation of an affirmative action plan; Disadvantaged Business Enterprise support; and other managerial operations and activities not detailed in other existing projects.

Schedule

This is an ongoing activity.

Products

The end products of this project are the Commission's annual budget; overall work program; employee salary and benefits analysis; the Commission's annual audit; affirmative action plan updating and follow-through; and Disadvantaged Business Enterprise compliance with regard to the U.S. Department of Transportation Disadvantaged Business Enterprise regulations (49 CFR, Part 23).

Funding Source

All activities are included in the Commission's indirect cost plan.

COST ALLOCATION PLANS
OF THE
SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

For Calendar Year Ending
December 31, 2002

Prepared by the

Southeastern Wisconsin Regional Planning Commission
916 N. East Avenue
P. O. Box 1607
Waukesha, Wisconsin 53187-1607

For Submittal to the

U.S. Department of Transportation
Federal Highway Administration
Region 5, Wisconsin Division

INTRODUCTION

The Southeastern Wisconsin Regional Planning Commission proposes to establish two indirect cost allocation plans for calendar year 2002. One plan pertains to administrative costs, with such costs to be allocated to all projects in the Commission's planning programs on the basis of a percentage of salaries and attendant fringe benefits directly charged to such projects. The second plan pertains to costs associated with developing, maintaining, and operating the Commission's regional geographic information system, with such costs to be allocated to selected projects in the Commission's regional planning programs on the basis of a percentage of salaries and attendant fringe benefits directly charged to such projects. These cost allocation plans have been prepared in accordance with the principles set forth in U.S. Office of Management and Budget Circular A-87.

INDIRECT COST ALLOCATION PLAN—ADMINISTRATIVE COSTS

The costs included in this plan are administrative in nature and cannot be readily assignable to specific work programs and projects. Accordingly, such costs have been determined to benefit all Commission planning projects. These costs are to be charged to all projects on a basis of percentage of salaries and attendant fringe benefits directly charged to all projects. The Commission computes actual fringe benefit costs and does not use a fringe benefit rate.

The following is an estimate of administrative indirect costs and an administrative indirect cost rate. Specifically included within the category below entitled "Administrative Salaries with Fringe Benefits" are the salary and expense costs of the Commission's Executive Director. The indirect cost rate is used only for budgeting and work program planning purposes. Actual cumulative year-to-date costs incurred in the administrative indirect cost categories are used as the basis for invoicing such costs to all funding agencies. Final administrative costs will be subject to the Commission's annual single audit.

<u>Cost Category</u>	<u>2002 Estimate</u>
Newsletter	\$ 5,000
Annual Report.....	6,500
Office and Drafting Supplies	38,000
Library Acquisition.....	35,000
Reproduction.....	39,000
Travel and Related.....	12,600
Rent.....	602,676
Telephone	35,000
Postage.....	25,000
Insurance, Audit, Legal Fees	48,300
Unemployment Compensation	3,000
Automobile and Equipment Purchase and Maintenance	290,759
Automobile and Equipment Depreciation	41,550
Administrative Salaries with Fringe Benefits.....	762,978
Vacation, Sick, and Holiday Salaries with Fringe Benefits.....	530,350
Other Operating Expenses	<u>27,000</u>
Total	\$2,502,713

COMPUTATION OF ESTIMATED
ADMINISTRATIVE INDIRECT COST RATE

<u>Estimated Indirect Costs</u>	<u>\$2,502,713</u> = 67.87%
Estimated Direct Project Salaries and Wages, including Fringe Benefits	\$3,687,722

**INDIRECT COST ALLOCATION PLAN—REGIONAL
GEOGRAPHIC INFORMATION SYSTEM COSTS**

The costs included in this plan relate entirely to the development, maintenance, and operation of the Commission’s regional geographic information system (RGIS). This system directly serves all regional planning projects in the Commission’s regional land use, transportation, floodland management, water quality, and planning research programs. As such, costs associated with the system cannot be readily assignable to specific work projects. The system involves the capture, storage, and manipulation of point, line, and area data of all types which comprise the regional planning data base. The continuing regional planning program areas included within the Commission’s *2002 Overall Work Program* to which such costs are proposed to be charged are as follows: regional land use planning, regional transportation planning, regional water quality management planning, regional floodland management planning, and regional planning research. The costs associated with the RGIS are to be charged to all of the foregoing projects on the basis of the percentage of salaries and attendant fringe benefits directly charged to all projects.

The following is an estimate of the RGIS indirect costs and an RGIS indirect cost rate. The indirect cost rate is used only for budgeting and work planning purposes. Actual cumulative year-to-date costs incurred in the RGIS cost categories are used as the basis for invoicing such costs to all funding agencies. Final RGIS costs will be subject to the findings of the Commission’s annual single audit.

<u>Cost Category</u>	<u>2002 Budget Estimate</u>
Salaries with Fringe Benefits.....	\$322,450
Equipment Maintenance.....	66,000
Forms and Supplies	19,000
Travel and Training	12,000
Other Expenses.....	<u>3,000</u>
Total	\$422,450

COMPUTATION OF ESTIMATED
REGIONAL GEOGRAPHIC INFORMATION SYSTEM
INDIRECT COST RATE

<u>Estimated Indirect Costs</u>	<u>\$ 422,450</u> = 10.74%
Estimated Direct Project Salaries and Wages, Including Fringe Benefits	\$3,934,968

CERTIFICATION—INDIRECT COST PLANS

As the Executive Director of the Southeastern Wisconsin Regional Planning Commission, I hereby certify that the information contained in these indirect cost plans for the calendar year ending December 31, 2002, has been prepared in accordance with the policies and procedures contained in Office of Management and Budget Circular A-87 and is, to the best of my knowledge, complete and correct. I hereby further certify that administrative procedures were utilized to: 1) prevent costs from being allocated to Federal programs as indirect costs that have already been charged to such programs as direct costs; 2) assure that consistent treatment was accorded to similar costs for all project categories regardless of source of funds; and 3) assure that indirect costs have not been allocated to federally supported programs in a manner inconsistent with the statutory restrictions governing these programs.

Date

Philip C. Evenson, Executive Director

Chapter XI

PROPOSED FUNDING SUMMARY—2002 SEWRPC OVERALL WORK PROGRAM

INTRODUCTION

For the convenience of the reader, all proposed planning program budgets and 2002 activity schedules are set forth in this chapter. More specifically, this chapter consists of the following materials:

1. A narrative pertaining to the fiscal aspects of the entire work program.
2. Tables setting forth budgets for the work tasks and projects included in each planning program (Tables 11-1 through 11-8).
3. A table summarizing funding for the continuing regional land use-transportation study (Table 11-9).
4. A table summarizing the proposed funding sources for all programs included within the 2002 overall work program (Table 11-10).
5. Proposed activity schedules for each of the 2002 planning programs (Figures 11-1 through 11-8).
6. A table summarizing the man-year estimates related to the 2002 overall work program (Table 11-11).

FINANCIAL ACCOUNTING AND REPORTING: AN OVERVIEW

Based upon previous discussions with State and Federal agency program managers, the overall work program budget set forth in this chapter includes detailed project budget estimates. While such detailed project budget estimates are useful for program management purposes, the Federal and State agency managers have agreed that it would not be appropriate for financial accounting purposes to hold the Commission accountable at the individual project level of detail. It was agreed that, beginning with the 1980 overall work program, individual work projects would be aggregated into work tasks and that the Commission would be held financially accountable at the work task level of detail.

In this regard the following definitions are used in this work program:

1. **Work Project.** A work project is an individual activity identified by a Commission-assigned seven-digit code. The Commission will collect fiscal data at the seven-digit level. Financial reporting at this level of detail, however, is beyond the requirements of the State and Federal agencies concerned. While the budget detail for the work project provides a valuable internal resource planning tool, it is presented for informational purposes only.
2. **Task.** A task is a summation of specific work projects and is represented as a subtotal on the work programs, tasks, and projects summary tables set forth in this chapter. The task is an agreed-upon level of detail by which the Commission will be held accountable for accounting, invoicing, and auditing.

3. Program. A program is a grouping of tasks which together represent one component of the Commission's total planning operations. The program level serves as a general summary level of detail for internal management purposes.

Tables 11-1 through 11-8 in this chapter indicate which of the individual projects have been placed into the various task categories and set forth appropriate subtotals with respect to the task budgets. State and Federal agency managers have agreed that the task budget subtotals attached to each of the categories would be used for budgeting, accounting, invoicing, and auditing purposes, with an appropriate system to be determined upon the relative percentage participation of each funding agency in the task category. The following guidelines are established with respect to financial and work progress reports and to changes in the scope of the work program:

1. The Commission shall provide monthly financial reports to the State and/or Federal agency program managers which set forth the following information at the project and task level of detail:
 - a. The original task budget as set forth in the Overall Work Program.
 - b. A revised task budget as may be required during the course of the calendar year.
 - c. The actual current-month expenditures.
 - d. The actual year-to-date (YTD) expenditures.
2. The Commission shall notify, in writing, the appropriate funding agencies of any additional work projects to be undertaken or previously approved work projects to be deleted. The following information shall be set forth in the Commission's written notification:
 - a. Name of project.
 - b. Project number as assigned by Commission staff.
 - c. Preliminary estimate of project cost.
 - d. Statement of impact of project on previously approved work effort, where appropriate.
 - e. Specific project cost and the impact on previously approved work effort.
3. The Commission shall provide one mid-year narrative progress report in the summer of the year which sets forth the following information at the project level of detail:
 - a. Project number and name.
 - b. Project objective.
 - c. Previous and current work.
 - d. Relationship to other activities
 - e. Description of work completed to date.

In addition, the Commission shall provide a program completion report within its Annual Report.

4. SEWRPC will initiate the process of budget revision by submitting a formal request for amendment to WisDOT. Request for budget revision is necessary if the cumulative amount of funding transfers among tasks is expected to exceed 10 percent of the total budget of the continuing land use planning, transportation planning, and planning research programs, or if a new project is to be undertaken, or if a previously approved project is to be deleted or significantly changed in scope. Upon receipt of such a request, WisDOT and/or such other funding agencies as may be necessary will act upon the request within 20 working days.
5. SEWRPC and WisDOT will confer from time to time to determine if work programs and/or budget adjustments are in order in light of final funding amounts. If necessary, SEWRPC and WisDOT will meet to resolve such matters.

RATIONALE FOR DETERMINING PROPORTIONAL COST SHARES AND BENEFITS TO BE DERIVED BY EACH FUNDING AGENCY

In general, the allocation of costs for each project in each task within each functional planning program area has been assigned on a basis that takes into account Federal grant program eligibility requirements, federally specified and State-specified cost-sharing formulas, and the estimated total grant amounts to be made available to the Commission from each Federal and State funding agency.

The proposed 2002 land use element of the continuing regional land use transportation study of the regional land use planning program includes a variety of tasks funded primarily by the Commission, the local communities concerned through planning agreements, and by FTA, FHWA, and WisDOT. Other land use tasks, including park and open space planning which are part of the 2002 regional land use planning program, would be funded by SEWRPC and local governments.

With respect to the proposed 2002 regional transportation planning program, the following comments concerning funding shares and allocation of benefits and costs are appropriate:

1. The projects set forth in Tasks 1, 2, and 3 are the transportation element of the continuing regional land use transportation study and are proposed to be funded by FTA, FHWA, WisDOT, and SEWRPC on a shared basis, reflecting that these highway and public transit planning efforts should be shared in accordance with the formulas specified in the Federal grant programs and the existing WisDOT-SEWRPC “3C” agreement.
2. The projects set forth in Tasks 4 and 5 are special projects—corridor studies and system plan element efforts—to be funded by the Wisconsin Department of Transportation, and for some projects, also by the local governments concerned in accordance with WisDOT policy.

With respect to the proposed 2002 regional water quality planning program, the projects are proposed to be funded jointly by the Regional Planning Commission, local units of government in the Region through planning agreements, and the Wisconsin Department of Natural Resources.

The proposed 2002 floodland management planning program includes a variety of tasks funded primarily by the Commission and by the local communities concerned through contract agreements. No Federal funding is involved except for the Federal 50 percent cost share by the U.S. Geological Survey for the operation of the continuing cooperative streamflow-gaging program.

Joint funding between FHWA, FTA, WisDOT, and SEWRPC is proposed for all projects in the 2002 planning research program. This reflects a finding that the data developed under this program are essential to all Commission transportation planning efforts.

The various projects contained within the proposed 2002 community assistance planning program are proposed to be funded by SEWRPC and local units of government in the Region through planning agreements.

The various projects contained within the proposed 2002 economic development planning program are proposed to be jointly funded by SEWRPC and local units of government in the Region through planning agreements.

Table 11 - 1

2002 REGIONAL LAND USE PLANNING
 PROGRAM WORK TASKS AND PROJECTS

Work Tasks and Projects	Funding Source (in dollars)					Total
	FTA	FHWA	WisDOT	SEWRPC	Service Agreements	
TASK 1--DATA BASE PROJECTS						
100-1000 Land Use Inventory.	\$46,600	\$113,400	\$20,000	\$20,000	\$-	\$200,000
100-2000 Land Platting Inventory and Special Environmental Assessments.	-	-	-	206,312	-	206,312
100-3000 Inventory of Community Plans and Zoning.	2,330	5,670	1,000	1,000	-	10,000
Subtotal	\$48,930	\$119,070	\$21,000	\$227,312	\$-	\$416,312
TASK 2--PLAN EXTENSION AND REFINEMENT PROJECTS						
110-1000 Plan Implementation and Community Assistance.	\$186,400	\$453,600	\$80,000	\$80,000	\$-	\$800,000
110-2000 Regional Park and Open Space Plan Implementation.	-	-	-	62,500	17,500	80,000
Subtotal	\$186,400	\$453,600	\$80,000	\$142,500	\$17,500	\$880,000
Total	\$235,330	\$572,670	\$101,000	\$369,812	\$17,500	\$1,296,312

11-5

Table 11 - 2

2002 REGIONAL TRANSPORTATION PLANNING
PROGRAM WORK TASKS AND PROJECTS

Work Tasks and Projects	Funding Source (in dollars)							Total
	FTA	FHWA	WisDOT	Milwaukee County	SEWRPC	Wisconsin Center District Board	Service Agreements	
TASK 1--DATA BASE AND ASSISTANCE PROJECT								
200-1000 Transportation Planning Support and Assistance: Data Collection and Development, Model Refinement, and Technical Assistance.	\$90,471	\$280,137	\$24,053.88	\$-	\$99,407	\$-	\$-	\$494,068.88
Subtotal	\$90,471	\$280,137	\$24,053.88	\$-	\$99,407	\$-	\$-	\$494,068.88
TASK 2--TRANSPORTATION SYSTEMS MANAGEMENT AND PROGRAMMING PROJECT								
210-1000 Short-Range Transportation Improvement Programming and Transit Planning.	\$116,500	\$308,147	\$25,353	\$-	\$50,000	\$-	\$-	\$500,000
Subtotal	\$116,500	\$308,147	\$25,353	\$-	\$50,000	\$-	\$-	\$500,000
TASK 3--LONG-RANGE PLANNING AND PLAN IMPLEMENTATION PROJECT								
220-1000 Long-Range Transportation Planning and Plan Implementation.	\$104,850	\$255,150	\$45,000	\$-	\$45,000	\$-	\$-	\$450,000
Subtotal	\$104,850	\$255,150	\$45,000	\$-	\$45,000	\$-	\$-	\$450,000
TASK 4--DETAILED CORRIDOR STUDY PROJECTS								
230-4000 Corridor Transit Alternatives Study of Commuter Railway Passenger Train Service in the Kenosha-Racine-Milwaukee Travel Corridor.	\$61,000	\$-	\$19,000	\$-	\$-	\$-	\$20,000	\$100,000 ^a
Subtotal	\$61,000	\$-	\$19,000	\$-	\$-	\$-	\$20,000	\$100,000

Table 11-2 (continued)

Work Tasks and Projects	Funding Source (in dollars)							Total
	FTA	FHWA	WisDOT	Milwaukee County	SEWRPC	Wisconsin Center District Board	Service Agreements	
TASK 5--LONG RANGE PLAN ELEMENT STUDY								
230-5000 Regional Freeway Reconstruction Study.	\$-	\$180,000	\$20,000	\$-	\$-	\$-	\$-	\$200,000 ^b
230-6000 Travel Origin and Destination Surveys.	-	-	-	-	-	-	-	600,000 ^d
Subtotal	\$-	\$180,000	\$20,000	\$-	\$-	\$-	\$-	\$800,000
TASK 6--MILWAUKEE COUNTY PROJECTS								
270-1000 Milwaukee County Transit System Short-Range Planning and Programming.	\$320,000	\$-	\$-	\$80,000	\$-	\$-	\$-	\$400,000
Subtotal	\$320,000	\$-	\$-	\$80,000	\$-	\$-	\$-	\$400,000
TASK 7--WISCONSIN CENTER DISTRICT BOARD								
280-1000 Milwaukee Downtown Transit Connector Study.	\$255,000	\$-	\$-	\$-	\$-	\$45,000 ^c	\$-	\$300,000 ^a
Subtotal	\$255,000	\$-	\$-	\$-	\$-	\$45,000	\$-	\$300,000
Total	\$947,821	\$1,023,434	\$133,406.88	\$80,000	\$194,407	\$45,000	\$20,000	\$3,044,068.88

a Carryover funding from 2000

b Carryover funding from 2001

c To be provided on an in-kind basis by the Wisconsin Center District Board, Milwaukee County, and the City of Milwaukee

d Sources of funding to be determined

Table 11 - 3

2002 WATER QUALITY PLANNING
 PROGRAM WORK TASKS AND PROJECTS

Work Tasks and Projects	Funding Source (in dollars)			Total
	WisDNR	SEWRPC	Service Agreements	
TASK 1--ONGOING PLAN IMPLEMENTATION AND REFINEMENT PROJECTS				
300-1000 Water Quality Management Plan Coordination and Extension of Implementation Activities.	\$80,000	\$187,565	\$60,850	\$328,415
300-2000 Sanitary Sewer Extension Reviews and Assistance	40,000	40,000	-	80,000
300-3000 Sanitary Sewer Service Area Plan Refinements	60,000	60,000	-	120,000
Subtotal	\$180,000	\$287,565	\$60,850	\$528,415
TASK 2--PLAN EXTENSION AND UPDATING PROJECTS				
300-4000 Water Quality Plan Update--Land Use, Point Source, Nonpoint Source, and Surface Water Elements.	\$-	\$20,000	\$-	\$20,000
300-5000 Water Quality Plan Update--Groundwater Management Studies. .	20,000	20,000	24,000	64,000
Subtotal	\$20,000	\$40,000	24,000	\$84,000
Total	\$200,000	\$327,565	\$84,850	\$612,415

Table 11 - 4

2002 FLOODLAND MANAGEMENT PLANNING
PROGRAM WORK TASKS AND PROJECTS

Work Tasks and Projects	Funding Source (in dollars)			Total
	USGS	SEWRPC	Service Agreements	
TASK 1--GENERAL FLOODLAND MANAGEMENT PROJECTS				
330-1000 Continuing Floodland and Stormwater Management Planning.	\$-	\$230,000	\$-	\$230,000
330-3000 Continuing Watershed Planning-- Flood-Flow and Flood Stage Revisions.	-	287,587	5,000	292,587
Subtotal	\$-	\$517,587	\$5,000	\$522,587
TASK 2--SPECIAL FLOODLAND MANAGEMENT STUDIES				
330-2000 Flood Hazard Area Mapping within Milwaukee County.	\$-	\$-	349,900	349,900
330-2100 Flood Hazard Area Mapping for Watersheds Tributary to Milwaukee County.	\$-	96,000	94,100	190,100
330-8000 Stormwater Management System Plan for the Butler Ditch Subwatersheds in the City of Brookfield and the Village of Menomonee Falls.	-	-	20,000	20,000
350-1000 Cooperative Streamflow Gaging Program.	70,700	-	70,700	141,400
Subtotal	\$70,700	\$96,000	\$534,700	\$701,400
Total	\$70,700	\$613,587	\$539,700	\$1,223,987

Table 11 - 5

2002 COASTAL MANAGEMENT PLANNING
 PROGRAM WORK TASKS AND PROJECTS

Work Tasks and Projects	Funding Source (in dollars)			Total
	WisDOA	SEWRPC	Service Agreements	
TASK 1--COASTAL MANAGEMENT COORDINATION PROJECT				
390-1000 Coastal Management Program Coordination.	\$10,000	\$10,000	\$-	\$20,000
Subtotal	\$10,000	\$10,000	\$-	\$20,000
Total	\$10,000	\$10,000	\$-	\$20,000

Table 11 - 6

2002 PLANNING RESEARCH
PROGRAM WORK TASKS AND PROJECTS

Work Tasks and Projects	Funding Source (in dollars)					Total
	FTA	FHWA	WisDOT	SEWRPC	Service Agreements	
TASK 1--BASIC RESEARCH PROJECTS						
400-1000 Demographic and Economic Data Research, Base File Creation and Maintenance, and Data Provision	\$46,600	\$113,400	\$20,000	\$20,000	\$-	\$200,000
410-1000 Transportation-Related Environmental Inventories, Assessments, and Evaluations.	11,650	28,350	5,000	5,000	-	50,000
Subtotal	\$58,250	\$141,750	\$25,000	\$25,000	\$-	\$250,000
TASK 2--MAPPING AND RELATED PROJECTS						
420-1000 Regional Base Mapping and Survey Control.	\$76,890	\$187,110	\$33,000	\$33,000	\$-	\$330,000
Subtotal	\$76,890	\$187,110	\$33,000	\$33,000	\$0	\$330,000
Total	\$135,140	\$328,860	\$58,000	\$58,000	\$0	\$580,000

Table 11 - 7

2002 COMMUNITY ASSISTANCE PLANNING
 PROGRAM WORK TASKS AND PROJECTS

Work Tasks and Projects	Funding Source (in dollars)		Total
	SEWRPC	Service Agreements	
TASK 1--ADVISORY AND EDUCATIONAL PROJECT			
500-1000 Guidance on Local Planning Matters and Educational Services.	\$102,000	\$48,000	\$150,000
Subtotal	\$102,000	\$48,000	\$150,000
TASK 2--REVIEW PROJECTS			
510-1000 State and Federal Grant Review Services.	\$5,000	\$-	\$5,000
510-2000 Environmental and Agricultural Impact Statement Review Services.	5,000	-	5,000
510-4000 Subdivision Plat Review Services	5,000	-	5,000
Subtotal	\$15,000	\$-	\$15,000

Table 11-7 (continued)

Work Tasks and Projects	Funding Source (in dollars)		Total
	SEWRPC	Service Agreements	
TASK 3--LOCAL PLAN IMPLEMENTATION DEVICES			
530-1000 Zoning Ordinances and Maps, Land Division Ordinances, Official Map Ordinances, and Other Local Plan Implementation Devices.	\$35,000	\$35,500	\$70,500
Subtotal	\$35,000	\$35,500	\$70,500
TASK 4--SPECIAL COMMUNITY ASSISTANCE PROJECTS			
770-9000 County Land Information System Assistance	\$345,178	\$1,125,939	\$1,471,117
780-1000 County Surveyor Services.	-	155,000	155,000
Subtotal	\$345,178	\$1,280,939	\$1,626,117
Total	\$497,178	\$1,364,439	\$1,861,617

Table 11 - 8

2002 ECONOMIC DEVELOPMENT PLANNING
 PROGRAM WORK TASKS AND PROJECTS

Work Tasks and Projects	Funding Source (in dollars)		Total
	SEWRPC	Service Agreements	
TASK 1--LOCAL ECONOMIC DEVELOPMENT PROGRAM PLANNING			
600-1000 Economic Development Program Planning Technical Assistance.	\$20,000	\$-	\$20,000
Subtotal	\$20,000	\$-	\$20,000
TASK 2--ECONOMIC DEVELOPMENT DATA AND INFORMATION PROVISION			
610-1000 Extension of Economic Development Related Data and Business Finance Information	\$10,000	\$-	\$10,000
Subtotal	\$10,000	\$-	\$10,000
TASK 3--ECONOMIC DEVELOPMENT PROJECT PLANNING SERVICES			
620-1000 Preparation of Economic Development Project Planning Studies.	\$50,000	\$10,000	\$60,000
Subtotal	\$50,000	\$10,000	\$60,000

Table 11 - 8 (continued)

Work Tasks and Projects	Funding Source (in dollars)		Total
	SEWRPC	Service Agreements	
TASK 4--FEDERAL AND STATE GRANT-IN-AID ASSISTANCE			
630-1000 Procurement of Grant-in-Aid Applications and Provision of Technical Assistance	\$30,000	\$-	\$30,000
630-3000 Administration of Federal and State Grant-in-Aid Awards and Revolving Loan Fund Programs and Provision of Technical Assistance	64,236	90,000	154,236
Subtotal	\$94,236	\$90,000	\$184,236
Total	\$174,236	\$100,000	\$274,236

Table 11-9

SUMMARY OF PROPOSED FUNDING FOR ALL PROJECTS INCLUDED IN THE
SEWRPC 2002 CONTINUING REGIONAL LAND USE TRANSPORTATION STUDY

Program Area	Project	Funding Source (in dollars)				Total
		FTA	FHWA	WisDOT	SEWRPC	
LAND USE	100-1000 Land Use Inventory.	\$46,600	\$113,400	\$20,000	\$20,000	\$200,000
	100-3000 Inventory of Community Plans and Zoning.	2,330	5,670	1,000	1,000	10,000
	110-1000 Regional Land Use Plan Implementation.	186,400	453,600	80,000	80,000	800,000
	Subtotal	\$235,330	\$572,670	\$101,000	\$101,000	\$1,010,000
TRANSPORTATION	200-1000 Transportation Planning Support and Assistance: Data Collection and Development, Model Refinement, and Technical Assistance.	\$90,471	\$280,137	\$24,053.88	\$99,407	\$494,068.88
	210-1000 Short Range Transportation Improvement Programming and Transit Planning.	116,500	308,147	25,353	50,000	500,000
	220-1000 Long Range Transportation Planning and Plan Implementation.	104,850	255,150	45,000	45,000	450,000
	Subtotal	\$311,821	\$843,434	\$94,406.88	\$194,407	\$1,444,068.88
PLANNING RESEARCH	400-1000 Demographic and Economic Data Research Data Research, Base File Creation and Maintenance, and Data Provision.	\$46,600	\$113,400	\$20,000	\$20,000	\$200,000
	410-1000 Transportation-Related Environmental Inventories, Assessments, and Evaluations.	11,650	28,350	5,000	5,000	50,000
	420-1000 Regional Base Mapping and Surveying.	76,890	187,110	33,000	33,000	330,000
	Subtotal	\$135,140	\$328,860	\$58,000	\$58,000	\$580,000
TOTAL PROGRAM AREA	Total	\$682,291	\$1,744,964	\$253,406.88	\$353,407	\$3,034,068.88

Table 11-10

SUMMARY OF FUNDING SOURCES FOR ALL WORK PROGRAMS, TASKS,
AND PROJECTS INCLUDED IN THE SEWRPC 2002 OVERALL WORK PROGRAM
(in dollars)

Planning Program	Federal						State				Other			Service Agreements	Total
	FHWA			FTA			USGS	WisDOT	WisDNR	WisDOA	Milwaukee County	Wisconsin Center District Board	SEWRPC		
	IM	PL	STP-M	Section 5303	Section 5307	Earmarks									
SEWRPC															
Land Use Planning	\$-	\$572,670	\$-	\$183,593	\$51,737	\$-	\$-	\$101,000	\$-	\$-	\$-	\$-	\$369,812	\$17,500	\$1,296,312
Transportation Planning Normal "3C" Projects	-	443,434	400,000	243,268	68,553	-	-	94,406.88	-	-	-	-	194,407	-	1,444,068.88
Commuter Rail Alternative Analysis	-	-	-	-	-	61,000	-	19,000	-	-	-	-	-	20,000	100,000 b
Freeway Reconstruction Study	180,000	-	-	-	-	-	-	20,000	-	-	-	-	-	-	200,000 b
Travel Origin and Destination Surveys	-	-	-	-	-	-	-	-	-	-	-	-	-	-	600,000 a
Water Quality Planning	-	-	-	-	-	-	-	-	200,000	-	-	-	327,565	84,850	612,415
Floodland Management Planning	-	-	-	-	-	-	70,700	-	-	-	-	-	613,587	539,700	1,223,987
Coastal Management Planning	-	-	-	-	-	-	-	-	-	10,000	-	-	10,000	-	20,000
Planning Research	-	328,860	-	105,430	29,710	-	-	58,000	-	-	-	-	58,000	-	580,000
Community Assistance	-	-	-	-	-	-	-	-	-	-	-	-	497,178	1,364,439	1,861,617
Economic Development Planning	-	-	-	-	-	-	-	-	-	-	-	-	174,236	100,000	274,236
Subtotal	\$180,000	\$1,344,964	\$400,000	\$532,291	\$150,000	\$61,000	\$70,700	\$292,406.88	\$200,000	\$10,000	\$-	\$-	\$2,244,785	\$2,126,489	\$8,212,635.88
Milwaukee County															
Transit System Short-Range Planning and Programming	\$-	\$-	\$-	\$-	\$320,000	\$-	\$-	\$-	\$-	\$-	\$80,000	\$-	\$-	\$-	\$400,000
Subtotal	\$-	\$-	\$-	\$-	\$320,000	\$-	\$-	\$-	\$-	\$-	\$80,000	\$-	\$-	\$-	\$400,000
Wisconsin Center District Board															
Milwaukee Downtown Transit Connector Study	\$-	\$-	\$-	\$-	\$-	\$255,000	\$-	\$-	\$-	\$-	\$-	\$45,000	\$-	\$-	\$300,000 b
Subtotal	\$-	\$-	\$-	\$-	\$-	\$255,000	\$-	\$-	\$-	\$-	\$-	\$45,000	\$-	\$-	\$300,000
Total	\$180,000	\$1,344,964	\$400,000	\$532,291	\$470,000	\$316,000	\$70,700	\$292,406.88	\$200,000	\$10,000	\$80,000	\$45,000	\$2,244,785	\$2,126,489	\$8,912,635.88

a Sources of funding to be determined
b Carryover funding from previous year

Table 11-11

DISTRIBUTION OF SEWRPC PERSONNEL BY DIVISION AND
WORK PROGRAM AREA 2002

Commission Division	Total Full-time equivalent (FTE) (Direct & Indirect)	Regional Land Use Planning Program	Regional Transportation Planning Program	Regional Water Quality Planning Program	Floodland Management Planning Program	Coastal Management Planning Program	Planning Research Program	Community Assistance and Geographic Systems Services Program	Economic Development Planning Program
EXECUTIVE	4 Full-time equivalent								
Professional		0.30	1.40	0.30	0.20	-	0.30	0.40	0.10
Technical		-	-	-	-	-	-	-	-
Clerical		0.15	0.50	0.10	0.10	-	0.05	0.05	0.05
GEOGRAPHIC INFORMATION SYSTEMS	18 Full-time equivalent								
Professional		0.20	0.40	0.20	0.20	-	0.15	2.85	-
Technical		0.75	2.25	0.75	0.75	-	0.50	8.00	-
Clerical		-	-	-	-	-	-	1.00	-
TRANSPORTATION	15 Full-time equivalent 4 Part-time equivalent								
Professional		-	10.00	-	-	-	-	-	-
Technical		-	8.00	-	-	-	-	-	-
Clerical		-	1.00	-	-	-	-	-	-
LAND USE	9 Full-time equivalent 2 Part-time equivalent								
Professional		2.50	0.50	0.70	-	-	1.30	-	-
Technical		4.00	-	-	-	-	1.00	-	-
Clerical		1.00	-	-	-	-	-	-	-
ADMINISTRATIVE	5 Full-time equivalent								
Professional		0.10	0.35	0.10	0.10	0.05	0.10	0.15	0.05
Technical		-	-	-	-	-	-	-	-
Clerical		0.50	1.20	0.50	0.50	0.20	0.50	0.50	0.10
CARTOGRAPHY	13 Full-time equivalent 1 Part-time equivalent								
Professional		-	1.00	-	-	-	-	1.00	-
Technical		2.40	1.60	1.00	1.00	-	3.50	1.50	-
Clerical		0.15	0.20	0.15	0.10	-	0.25	0.15	-
ENVIRONMENTAL	16 Full-time equivalent 5 Part-time equivalent								
Professional		2.00	-	3.50	6.50	0.20	0.30	0.50	-
Technical		1.00	-	4.60	1.40	-	-	-	-
Clerical		-	-	0.70	0.30	-	-	-	-
COMMUNITY ASSISTANCE	6 Full-time equivalent 1 Part-time equivalent								
Professional		2.90	-	-	-	-	-	1.10	-
Technical		2.70	-	-	-	-	-	0.30	-
Clerical		-	-	-	-	-	-	-	-
ECONOMIC DEVELOPMENT	3 Full-time equivalent								
Professional		-	-	-	-	-	-	-	3.00
Technical		-	-	-	-	-	-	-	-
Clerical		-	-	-	-	-	-	-	-
Total Man-Years	102								