





PEOPLE... that's what it's all about



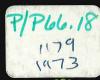














ARROWHEAD REGIONAL DEVELOPMENT COMMISSION annual report 1973

Chairman's Letter



I would like to relate to the readers of this 1973 report of the Arrowhead Regional Development Commission my sincere pleasure for having the opportunity to serve as Commission Chairman. During the years that I have been affiliated with the Commission, we have witnessed significant progress toward the orderly planning and development of the Arrowhead Region. Historically, Northeastern Minnesota has had a prominent position on the national scene due to its abundant natural resources; this trend continues today. An area which has an abundance of resources becomes a national concern complete with its expanded potentials and unique problem situations.

Potentials and problems of the scope represented in the Arrowhead Region cannot be developed or solved through the actions of individual units of government or organizations, rather the situation requires the participation of all groups concerned.

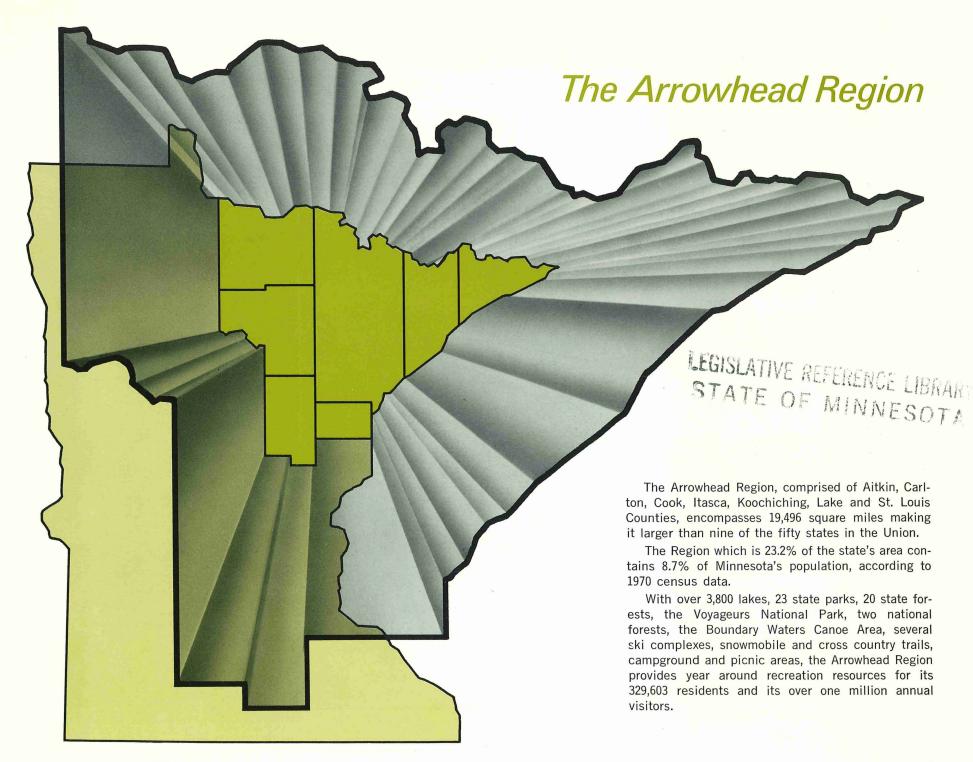
The ARDC provides a vehicle whereby local officials and citizens can discuss problems with State and National interests for the development of the Arrowhead Region.

I am proud of the manner in which the Commission's membership, advisory committees and staff have worked to approach the problems and potentials expressed in comprehensive land use planning, water quality management, social services, economic development and, in general, enhancing the quality and choice of life styles for those of us who choose to live in Northeastern Minnesota.

Respectfully submitted,

JERRY J. JUBIE

Chairman





JERRY J. JUBIE Chairman Floodwood



BERT ACKERSON Hibbing

FLOYD R. ANDERSON St. Louis County Commissioner

> RITA BLAISUS Carlton County Commissioner



WALTER BRINK Itasca County Commissioner





VINCENT GENTILINI Virginia



BEV JOHNSON Cook County Commissioner



CLARENCE MADDY Chief Administrative Officer—City of Duluth



MARVIN MARKLUND Lake County Commissioner



INNIS NESBITT Koochiching County Commissioner



WARREN YOUNGDAHL Itasca County Township Official



MICHAEL ZILVERBERG Aitkin County Commissioner

Board of Directors



At a regular monthly meeting of the ARDC Board of Directors are, from left: Bev Johnson, Floyd Anderson, ARDC Executive Director Rudy Esala, Marvin Marklund, ARDC Legal Counsel Thomas Micheletti, Rita Blaisus and Warren Youngdahl,



ARDC Structure and Membership

CHAIRMAN Jerry Jubie

> BOARD OF DIRECTORS

County	County Commissioner under 100,000 pop.	County Commissioner over 100,000 pop.	Municipalities under 10,000 pop.	Municipalities over 10,000 pop.	Townships and at-large Townships	School Boards, Coun & Public Inte	•		
Aitkin	Michael Zilverberg		Wayne Paajenen (Palisade)		Melvin Johnson (Tamarack)	School Boards Sulo Walli (Cromwell)	George Amidon (Forestry) Warner Wirta		
Carlton	Rita Blaisus	÷ +	Ludwig Anderson (Kettle River)		Gustav B. Seboe (Wrenshall)	M. George Downs (Duluth)	(Minorities) Claude Titus (Tourism & Rec.) Janet Green		
Cook	Bev Johnson		Alton Olsen (Grand Marais)		Vacancy (at-large)	Coun. of Gov'ts. Donald Solem (HOTL-COG)	(Envir. Quality) William Matalamak (Agriculture) Rudy Koss		
Itasca	Walter Brink		Robert Horn Grand Rapids)		Warren Youngdahl (Marcell)	Public Interest Dr. John Haavik (Health)	(Transportation) Vince Gentilini & Richard Holm (Community Act.) Londi Neari (Labor)		
Koochiching	Innis Nesbitt		Phil Olson (So. Int'l Falls)	(St. Louis County)	Walter Holt (at-large)	Betty Larson (Human Welfare) John Vukelich			
Lake	Marvin Marklund		David Battaglia (Two Harbors)	Henry Pappone (Virginia) Kenneth Lund (Hibbing)	John Rushenberg (Silver Bay)	(Crime) D. Kelly Campbell (Mining) Lloyd Nesseth	Lela Goodsky (Nett Lake) Peter DuFault		
St. Louis	Fred Barrett	Pon Verbick John Sheer		John Sheedy	Henry Koistinen (Zim)	(Commerce & Ind.) Joseph Nehring (Communications)	(Fond du lac) Ronald Sherer (Grand Portage)		



The ARDC

Aitkin, Carlton, Cook, Itasca, Koochiching, Lake and St. Louis Counties (excluding the domain of the Head of the Lakes Council of Governments) make up the jurisdiction of the Arrowhead Regional Development Commission (ARDC).

Intergovernmental cooperation among the more than 300 units of government within the Arrowhead Region helps facilitate the solution of economic, social, physical and governmental problems.

This united effort by local governments was authorized through passage of the Regional Development Act in 1969 by the Minnesota State Legislature. Executive Order Number 60 issued in July of 1970 by Minnesota Governor Harold Le-Vander designated ARDC as Region Three of the eleven development regions in the state. The organization was initially only concerned with economic development, but through this Act it has evolved into a multi-purpose, multi-funded planning and coordinating agency.

As a comprehensive planning agency, the Act empowers ARDC to receive federal planning grants for the following programs: the Public Works and Economic Development Act of 1965, now amended by the Public Works Impact Program, part of Public Law 92-65; Section 701 of the Housing Act of 1954, as amended; and the Omnibus Crime Control and Safe Streets Act of 1968.

The Regional Development Act also allows ARDC to receive funds from any other state or federal programs that provide monies for regional, or areawide, planning, coordination or develop-

ment purposes as designated by the Governor of Minnesota.

In 1971 Governor Wendell Anderson named ARDC as the official agency for the preparation of water quality plans for the Arrowhead Region. The Governor also designated ARDC as the planning agency for the Lake Superior Basin. By this, ARDC has the authority to develop a comprehensive water quality plan for Lake Superior in cooperation with the Western Lake Superior Sanitary District and the Northwestern Wisconsin Regional Planning and Development Commission.

Other duties and powers of ARDC as provided for in the Act and to be dealt with later in this report include: a power of review and comment; a program of continuous research and study; and the preparation of a comprehensive regional development plan.

This 1973 Annual Report of the Arrowhead Regional Development Commission has been prepared in accordance with the provision of the Regional Development Act which requires regional development commissions to prepare an annual report of plans, finances, review functions and other activities. Section 462.393 of the Regional Development Act (as amended by Chapters 153 and 174, Laws of 1972) states: "on or before February 1 of each year, the Commission shall prepare a report for the governmental units, the public within the region, the Legislature and the Governor."

Planning Activities

HUMAN RESOURCES

Criminal Justice

The Criminal Justice Committee of the Arrowhead Regional Development Commission was involved in the development and review of approximately \$800,000 in Crime Prevention, Law Enforcement, Judicial and Corrections projects during 1973. The Criminal Justice Committee does the primary review of all Criminal Justice related grant projects prior to their submission to the Governor's Crime Commission or LEAA for funding.

Of the total number of projects the Criminal Justice Committee assisted in developing and reviewing, approximately \$700,000 were finally funded by the Crime Commission. These projects include the following:

Fe	deral Funds
Lake/Cook County Radio Communi-	
cations Systems	\$108,710
Cook County/Grand Portage Deputy	10,634
Koochiching County Radio Communi-	
cations System	42,487
Nett Lake Deputy Project	24,805
Koochiching County Group Home	20,124
Carlton County Radio Communi-	
cation System	49,312
Carlton County/Fond du Lac Deputy	8,322
Burglary Surveillance and Deter-	
rence Project (Duluth)	39,908
Youth Advocacy Corps	49,508
Misdemeanor Defense	17,149
Northeast Regional Corrections	
Center	257,670
Cooperative Area Narcotics Squad	44,324

The funding of the Cook/Lake, Carlton and Koochiching County Communication Systems marks the funding completion of the Regional Law Enforcement Communications System. The funding of the seven county region was phased over a three year period and involved approximately three quarters of a million dollars in Federal funds. The system will tie into the State system and will provide for inter-department communication between regional agencies as well as continued communications between Duluth and Superior.

Task forces on Corrections and Indian Affairs have been active during 1973. The Corrections Task Force was involved in setting priorities on 1973 Corrections Grants submitted to the Crime Commission and in recommending Corrections programs to be included in the 1974 Criminal Justice Plan.

The Indian Affairs Task Force is composed of both Indian representatives and Criminal Justice Committee members. The Task Force has assisted in setting funding priorities on Indian related Criminal Justice programs and in recommending changes in on-going programs. The emphasis of the Task Force has been two-fold: 1) to reduce the involvement of Indian people as clients of the Criminal Justice system, and 2) to increase the involvement of Indian people as staff or on policy boards of Criminal Justice programs.

The Criminal Justice Committee has recommended that the Indian Affairs Task Force be reorganized as a full Committee of ARDC. The reason for this recommendation is the need to address the multiple problems of the Indian Community which cannot be addressed singularly by Criminal Justice. This recommendation is currently awaiting action by the full Commission.

The Criminal Justice staff have provided assistance during this past year in working toward the creation of a Regional Corrections Authority. The goal of such an effort is the merging of all public corrections services and administration in the Region under one Regional Corrections Board which would be representative of County Boards, Judges, Corrections Personnel, Program Clients and minorities. The first phase of this work involves the merging of the Boards and certain services of the Northeast Regional Corrections Center and the Arrowhead Juvenile Center. The timetable for the final implementation of the Regional Corrections Authority is June, 1974.

The Criminal Justice staff is working closely with the Human Services staff to integrate the overall Corrections Authority Plans into a Human Service System that could involve Corrections, Health, Mental Health and Welfare. (See Service Integration Project). It is anticipated that the work already completed in corrections will act as a catalyst in improving and integrating other human services.

A major task in 1973 has been the development of the 1974 Criminal Justice Plan. The Plan includes sections on Criminal Justice agencies and resources, analysis of crime incidence data, problem statements, program goals and objectives, LEAA subgrant data, multi-year forecast and projected five year budget. The Plan emphasizes the development of an integrated system of Regional Corrections, inservice law enforcement training programs, regional cooperative narcotics enforce-

ment, burglary prevention through public involvement, a model case management program and continuing development of corrections and law enforcement services to meet the special needs of the Indian Community. The Plan will be reviewed by the full Commission at the January, 1974 meeting.

The Criminal Justice Committee is in the process of reorganizing its membership and operating procedures to comply with the new Crime Control Act that was passed during 1973. The new Act requires that regional Criminal Justice advisory units be composed of a majority of elected officials. This will allow for greater representation from county boards, mayors, reservation business committees and city councils. The previous legislation required only one-third membership of elected officials.



Ceramics, Senior Citizens Center, Duluth.

Planning Program on Aging

The ARDC's Arrowhead Planning Program on Aging (APPA) is located within the Human Resources Division of ARDC. Through the authority of the Older Americans Act, ARDC has been designated the "Area Agency on Aging" for the Region by the State Governor's Citizens Council on Aging (GCCA).

The APPA's functions and responsibilities include data gathering; analyses of the needs of the Region's elderly; planning for the implementation of recommendations; inventorying resources and services available to the elderly; cataloging "untapped" resources; and coordination. Further

activities include technical assistance to agencies providing services to the elderly; serving as an information resource; and advocacy.

As an Area Agency on Aging, the ARDC has review, comment and monitoring authority on grant applications within the Region for federal funding under Title III (Community Programs) and Title VII (Nutrition) of the Older Americans Act.

The goal of the program is to facilitate the creation of a comprehensive and coordinated system of services to ensure maximum independence for the Region's elderly.

The program is composed of the ARDC's Advisory Committee on Aging and a staff which includes a program director and student interns. A Planner/Community Coordinator joined the program in December.

A subcontract for those portions of the planning process dealing with information and referral, social services and income maintenance was completed by the Human Resources Planning Coalition. The Arrowhead Region Planning Council for Health Facilities and Services (ARCH) fulfilled a similar subcontract in the areas of health and nutrition. Under an informal agreement, ARCH is continuing to participate in the planning program.

During APPA's first year, the Advisory Committee was formed and became operational, Nutrition and Title III grants were reviewed and technical assistance was provided for initiation of projects in Duluth and the Region. Also, preparatory to a final regional plan, a need survey was conducted, task forces were formed and recommendations were generated concerning Income Maintenance, Nutrition, Health, Information and Referral, Social Services and Transportation.

A conditional Area Plan was submitted to the GCCA in December. Work on a final Area Plan is continuing and is due for completion by March 31, 1974. This "final" plan must be updated yearly.

During the second program year, the APPA will complete the Area Plan, hold public hearings on elderly needs, conduct analyses of critical problems and continue to provide technical assistance along with other activities such as grant reviews

and monitoring of Title III and Title VII projects.

An increasingly important activity will be the provision of information to agencies and organizations to ensure better coordinated and effective services to the Region's elderly. At the same time the APPA will attempt to ensure the implementation of plan recommendations.

Services Integration

Through a contract with the Governor's Office of Program Development, ARDC received funding that extends from September 1, 1973, through June 30, 1974, to assist the seven county boards of the Arrowhead Region in considering implementation of the Human Services Act. The contract allowed ARDC to hire a full-time research associate to coordinate the project and provided for the part-time involvement of two consultants from the Governor's Office of Program Development.

The Human Services Act, passed unanimously by the State Legislature in 1973, is permissive legislation enabling one or more contiguous counties with a population of 50,000 or more to establish a Human Services Board. This board would have administrative and budgetary controls over human services being delivered in the fields of corrections, health, mental health and welfare.

The goals and objectives of the Human Services Act include:

- elimination of unnecessary duplication
- decentralization of decision-making from the state to the local-regional level
- more effective and efficient delivery of human services through comprehensive planning and assessment
- increased citizen involvement in the decisions that affect their lives. These objectives are in keeping with the overall goals of ARDC.

The ARDC staff is charged with developing the necessary information for the commissioners to make the decision on the feasibility of establishing a Human Services Board in the Arrowhead Region.

Pilot project funds are available from the State

Planning Agency for two such projects in the state. The decision as to whether the Arrowhead Region will apply for these project funds will be made in January, 1974. The Commission is acting as an agent for the counties, thereby facilitating the decision-making process through the use of staff expertise, technical assistance and supportive services.

ARDC is also attempting to secure funding for the preparation of a comprehensive, on-going, integrated Human Needs - Human Services Information and Analysis System. The Commission's growing role in social planning has increased the need for basic information to be used in planning processes and in the review of grant applications for human service programs. A comprehensive source of up-to-date information on the status of the human service delivery system in the region does not exist at the present but would be an invaluable tool for the Commission, as well as the local governmental units and service delivery organizations.

In addition to this, there is also a need for a system which would present a comprehensive social profile of the Region and which can be easily related to the physical planning activities of ARDC. It is becoming increasingly apparent that economic and physical planning decisions have considerable impact on the people and human services in the Region. If this impact is to be anticipated and dealt with properly, it is imperative that basic information on human resources, needs and services be available.



Joint meeting of the Human Services Steering Committee and task forces.

URBAN AND REGIONAL PLANNING

Areawide Functional Planning

Local communities seldom have adequate fiscal resources to update, maintain, or expand water and sewer facilities. In addition to the need of improving sanitary conditions and water quality, extension of public utilities can often be a means of controlling orderly growth. Various state (PCA) and federal (EPA, HUD, FHA) grant programs contain regulations regarding water quality standards, environmental protection measures and land use controls. Certain planning requirements must be met in order that communities over 5,500 population can qualify for funding assistance. The ARDC has been certified by the Department of Housing and Urban Development (HUD) as the Areawide Planning Organization (APO) and is responsible for the continued eligibility of the following Areawide Planning Jurisdictions (APJs): Chisholm, Cloquet, Grand Rapids, Hibbing-Stuntz, International Falls and Virginia. (Areawide Planning Jurisdictions are defined as communities of 5,500 population or more and surrounding urbanizing areas).

In addition to qualifying for HUD grant programs, ARDC is responsible for development of the regional portion of a Lake Superior Basin Water Quality Management Plan in cooperation with other agencies. This Basin Plan also involves updating of water and sewer plans, costs and alternatives as well as revised socio-economic projections and identification of major land use changes. Plans in four of the six Areawide Planning Jurisdictions (named above) have been updated as follows: International Falls - Preliminary land use, sewer and water plans have been completed and adopted by the county and adjoining municipalities. Implementation of the plans has begun and ARDC is continuing to provide technical assistance. Hibbing, Chisholm and Virginia APJs have been analyzed as a contiguous and enlarged area with preliminary plans to be published in December 1973. This integrated plan will meet the requirements of all federal and state agencies for funding eligibility. Data has been collected for eventual computerization and preliminary analysis has been completed through mapping of soils data, hydrological factors, population data, etc. This will also involve updating of the Iron Range "2020" Plan.

The Arrowhead Commission's responsibilities as an Areawide Planning Organization also require that certain planning requirements be met for communities under 5,500 population and all unincorporated areas of the seven-county Region as well. These smaller communities and unincorporated areas fall under the programs of the Department of Agriculture's Farmers Home Administration by virtue of their population. Eligibility of these areas to qualify for water and sewer grant and loan programs with the FHA was gained by an Arrowhead Commission plan.

A prime consideration of the smaller community is how to provide funds for needed water and sewer facilities. This is no exception in the Arrowhead Region. To date, \$45,741,000 has been invested for water and sewer facilities serving 13% of the Region's population. Ten and four tenths million is needed for sewer repairs, maintenance and construction and \$2.2 million for water facilities by 1977 and \$5.6 million addition for both sewer and water treatment facilities by 1992.

The problems which require these costly expenditures are many and varied. For example, several communities using on-site sewage systems are built on soils with severe limitations (such as bedrock, high water table, etc.). Others have aging systems in need of major repairs or replacement. Infiltration of water into the sanitary sewer system increases the flows and forces more costly treatment plants.

The "Comprehensive Areawide Water and Sewer Plan" completed in 1972 by the ARDC is a twenty-year guide plan for water and sewer facilities. The Plan was prepared under a \$95,000 planning grant from Farmers Home Administration.

This Areawide Plan for communities under 5,500 population will be implemented through technical assistance to communities contemplating water or sewer projects; preparing legislative changes recommended in the plan; reviewing and commenting on water and sewer projects; adding more communities to the Plan as may be required;

updating priorities as information changes; and updating the Plan every five years.

Meanwhile, substantial federal funds for sewer and water projects have been impounded by the current administration. The State of Minnesota, along with other states and regional commissions, is seeking the release of these funds to enable local communities to alleviate their critical facility problems.

Water Resources Planning

The Arrowhead Regional Development Commission has several continuing programs relating to water resources planning. These include a Lake Superior basin water quality management plan, a local coordinative role in the Lake Superior water supply "asbestiform particles" problem and a report defining a proposed enlarged study of water related problems generally in the Minnesota-Wisconsin portion of the basin.

The most extensive program is the water quality management plan currently nearing completion. This has been financed by a grant from the Environmental Protection Agency to the Northwestern Wisconsin Regional Planning and Development Commission and the Arrowhead Regional Development Commission as joint applicants. The grant, for approximately \$384,000, is for a Lake Superior basin comprehensive water quality management plan that is to be completed by mid-1974. Within the terms of this grant, the Northwestern Wisconsin Commission is responsible for the preparation of the plan for the Wisconsin nonmetro area, with the Arrowhead Commission responsible for the remaining portion of the Lake Superior basin. The Arrowhead Commission has sub-contracted with the Western Lake Superior Sanitary District for the Superior-Duluth-Cloquet metropolitan area plan.

The water quality management plan will identify, characterize and forecast the quantity and quality of all significant point and non-point water pollution sources within the basin. Beyond this identification will be in-depth analyses of future trends of economic and population growth, settlement and recreational land use patterns and other interrelated land use projections, all of



Thompson Dam, Carlton County.

which have a potential effect on the quality of the basin's waters. This plan will be in compliance with state regulations and federal guidelines insuring the continued eligibility of regional communities to receive grants for wastewater treatment plants.

An Interstate Policy Advisory Committee was established by the two regional planning commissions for the purpose of providing bi-state program review and policy coordination for the water quality planning process. This committee has recently been enlarged to 18 members, nine from each state, in order to improve representation of the areas' population.

As an interstate committee of broad representation, this policy advisory group has become the vehicle by which the local area has requested federal assistance in the development of a pilot water filtration plant for the removal of asbestiform fibers recently discovered in Lake Superior water. This request has resulted in the commitment of funds by both the Environmental Protection Agency and the Corps of Engineers to develop this pilot water filtration plant.

As a follow-up to the water quality management plan, the Arrowhead Commission and the North-western Wisconsin Commission have entered into a joint contract with the Corps of Engineers to provide a study definition report for a study of water related problems in the Minnesota-Wisconsin Lake Superior basin. This study, funded under the Corps of Engineers "Urban Studies" pro-

gram, is to be a continuation of the water quality management plan with particular emphasis on complying with the national goal of "zero pollution" by 1985. This study will address, but is not limited to, problems such as wastewater treatment, water quality, water supply, erosion and sedimentation, navigation, flood damage and control, recreation and fish-wildlife habitat.

Economic Development

The economic development program of ARDC has been functioning since 1966 through planning funds granted by the U. S. Department of Commerce, Economic Development Administration. From 1966 to 1969, ARDC operated under the title of Arrowhead Economic Development District. However, when the Regional Development Act was passed by the Minnesota legislature in 1969, the title changed to Arrowhead Regional Development Commission.

The change of name also brought a change in duties, responsibilities and powers to the regional commission. Economic development has always meant to ARDC that physical, social and economic conditions of an area are interrelated. Also, if greater opportunity for "choice of life style" is going to be made available to the Region's citizens, all social and physical conditions must be dealt with jointly rather than in single purpose efforts.

Due to the limitation of staff and resources in the past, ARDC's economic development efforts related basicly to industrial expansion and public works projects that aided industrial or commer-



Knife River Marina constructed in 1973.

cial development. Present economic efforts still emphasize this type of development; however, greater flexibility has allowed ARDC to become more deeply involved in other aspects of physical and social planning and development.

The economic development division of ARDC assisted in the preparation of many project applications in 1973. A few are as follows:

- Iron Range Interpretive Center is pending funding by EDA in the amount of \$500,000. The balance of the total project cost of \$1,980,000 is being derived from various sources: Iron Range Resources Commission, Minnesota Resources Commission, Area Redevelopment Administration and Bi-Centennial Commission. \$150,000 is being sought from the Upper Great Lakes Regional Commission (UGLRC).
- A technical assistance grant of \$5,000 was awarded to Hill City by EDA to analyze the feasibility of a sewer extension to Quadna Mountain.
- McGregor Industrial Park applied to EDA for a total amount of \$240,000.
- Duluth Cultural Center and Railroad Museum applied for and has received funds that total \$2.3 million. Federal funds were obtained from HUD, UGLRC and EDA. Local matching monies came from the Kresge Foundation, Blandin Foundation, Northwest Paper Company and other local firms. Service organizations that contributed include the Duluth Junior League and the Kiwanis.
- Nett Lake Reservation Business Committee has applied to EDA and UGLRC for \$250,000 to develop a forest harvest business and sawmill operation.

Technical assistance, a major role of the economic development division, was provided to further the development of the Grand Portage Motel and Recreational Development Program. The project cost of about \$5,000,000 was funded by EDA, UGLRC and LAWCON.

Housing

Housing needs and problems in the Arrowhead Region, as identified in 1971, have not been reduced but expanded. The severity of housing problems throughout the Region still indicates that 20% of all existing units are either substandard or dilapidated. Major problems of overcrowding, inadequate sanitary facilities and lack of proper heating are still prevalent. Approximately 42% of all families in the Region (excluding Duluth) continue to spend nearly half of their incomes for minimal housing. Home mortgages have become almost impossible to obtain in 1973. Private and state resources have always been inadequate to assist low and moderate income families in obtaining safe and sanitary dwelling units. The massive funds continually requested from federal sources have not met half of the needs.

The familiar HUD programs of public housing (235, 236, rent supplements, etc.) were suspended under the administration moratorium in January 1973. These programs, which may never be reinstated, involved subsidies for physical dwelling units and resulted in scandal or inequities in maior cities in the nation. The current administration housing proposals before Congress constitute a major departure from past policies regarding subsidies. These proposals acknowledge that housing problems are a direct result of income deficiencies and recommend direct cash assistance or housing allowances to enable low income families to obtain housing in the private market. Two major objections to this proposal are that additional massive funds would have to be appropriated out of the federal budget, and that housing allowances should be disbursed through total welfare bloc grants instead of through HUD. The problem is very basic. Funds for adequate housing have never been determined by the Congress or Supreme Court to be a statutory entitlement like welfare. The reasons for this are threefold: the enormous cost of any type of housing subsidies, the difficulty in determining categories of eligible families and the inability of private industry to provide adequate numbers of units at acceptable costs.

Meanwhile, some interim federal funding will be authorized on a marginal basis. Proposed policies without specific guidelines appear to be highly restrictive. The Minnesota State Housing Finance Agency has sold \$30 million of bonds in 1973 to underwrite a particular range of mortgage financing. However, because of effective interest rates above state usury law limits, the response of lending agencies to this new program has been marginal.

The efforts of ARDC to develop a regional housing program are funded under a HUD 701 Planning Grant. A report analyzing "Alternative Organizational Structures for Meeting Regional Housing Needs" was published by ARDC in February, 1973. It identified past difficulties with inadequate federal funding levels, local housing organization limitations and probable future developments. Several recommendations were made regarding the formation of a Regional Housing Authority which the ARDC Housing Advisory Committee submitted to the Commission and was subsequently adopted. A survey of regional housing industry activity was conducted and is being included in a report on current analysis of housing problems. This report, which will be published shortly, goes beyond census data and identifies specific, special problems. A completed report on prospects for a Regional Housing Action Plan is unpublished and subject to revision based on current pending federal policies and authorizations. It is difficult to advise local officials and housing authorities as to what steps can be taken without any major federal resources for implementation. ARDC will continue to monitor federal legislation and appropriations and identify any future available resources for local use.

In order to achieve effective analysis, monitoring and communication, a central clearinghouse and systematized housing information system is being developed which will be coordinated with other data on community services and economic development. This will facilitate better coordination of future programs and agencies, eliminate duplication of effort and enable better utilization of resources. Numerous meetings were held with local officials in 1973 to advise them on the status of housing program development and resource availability.

As soon as federal commitments are definite, a preliminary action program will be formulated

and recommended for adoption and implementation by local and regional officials.

Recent expansion plans of taconite processing plants may ultimately result in substantial immigration due to labor demands. Additional housing standards will also require that communities determine how they will service new development areas.

A very uncertain future indicates that "temporary housing" may be in high demand, but in lieu of other long-range solutions, our current problems may be compounded.

Solid Waste Management Plan

A Solid Waste Management System Plan for six of the seven counties of the Arrowhead Region was completed this past year. This plan, which was aimed at fulfilling the requirements of the Minnesota Pollution Control Agency, has been adopted by the participating counties and ARDC and was approved by the MPCA Board at its September 1973 meeting.

The Solid Waste planning effort in the Arrowhead Region, which was funded by the counties of Aitkin, Cook, Itasca, Koochiching, Lake and St. Louis, was prepared by Midwest Planning and Research of Minneapolis. The cost of the plan was partially funded through a grant from the Upper Great Lakes Regional Commission which was awarded to ARDC after the planning project was initiated.

The adopted Solid Waste Management Plan calls for thirteen sanitary landfills to serve the six counties. This includes five in St. Louis County, three in Cook County, two in Itasca County, and one each in Lake, Koochiching and Aitkin Counties.

Because of the sparce population, road network and other factors in much of the Region, approval of the MPCA was secured for modified, or so-called Class II, disposal sites. These would be covered weekly from May through October and bi-monthly the remainder of the year. The Plan recommends 29 such sites located as follows: 6 in Aitkin County, 6 in Cook County, 6 in Itasca



Congressman John Blatnik, Chairman of the Public Works Committee, discussed ARDC programs with the Board of Directors.

County, 4 in Koochiching County, 2 in Lake County and 5 in St. Louis County.

The adopted Solid Waste Management Plan provides for a total of 42 disposal sites in the six counties, compared to more than 160 now in existence. The Plan provides for service to over 95 percent of the population in the participating counties.

Implementation of the Solid Waste Management Plan will be costly. The total capital costs for disposal sites and necessary equipment, for example, is estimated at more than \$1.3 million. Annual operating costs for disposal are estimated at approximately \$580,000, while collection costs are estimated at more than \$300,000. To these expenses must be added the costs of closing existing non-conforming dumps. If done properly, according to MPCA procedures, this cost has been estimated at more than \$450,000.

Because of the large expenditures involved, ARDC has continued to work with state and federal agencies concerned with solid waste to try and develop a grant program which would provide financial assistance to the counties. The ARDC Work Program for the current year also provides for continued technical assistance to help the counties implement the Solid Waste Management System Plan.



U. S. Forest Service Campground.

Voyageurs Park Planning

The Voyageurs National Park, which was approved by Congress two years ago, represents a substantial addition to the recreation base of Northeastern Minnesota. Economic studies prepared by consultants to ARDC, with funding from the Upper Great Lakes Regional Commission, indicate that more than a million visitors will be attracted to Voyageurs during the four month summer season and that they will generate an additional \$22 million in retail and service trade in the Region.

With the Park itself to have limited development, the use of land in the surrounding area is of prime concern to the ARDC and affected counties. Much of the park periphery has soils which are fragile and cannot accommodate onsite sewage systems making them unsuitable for urban or intensive recreation use. Equally important, the park perimeter contains a large share of the Region's forest resource. Employment in International Falls, Grand Rapids and other centers of the Region is dependent on this supply of timber.

The need for a park perimeter plan which will guide future development to areas with suitable soils or where urban-type utilities can be economically provided has long been recognized by ARDC, State Planning Agency and Koochiching

and St. Louis Counties. This plan should also resolve potential conflicts between recreation-oriented and timber activities.

A Policy Plan for the perimeter area, which reflects the concerns of the various agencies and interests, was prepared by the staffs of ARDC, State Highway Department, State Planning Agency and the Planning Departments of St. Louis and Koochiching Counties this year. This Policy Plan, which also provides objectives and general guidelines for development, has now been adopted by the Planning Commissions and County Boards of St. Louis and Koochiching Counties, as well as ARDC.

The 1973 Minnesota Legislature appropriated funds this session to provide for the planning and enforcement needs of the Voyageurs perimeter area. Included were funds for detailed soils mapping, for sanitary code and zoning enforcement for the two counties and for the preparation of a detailed plan for the park perimeter. ARDC is under contract with the State Planning Agency for preparation of the perimeter plan.

As part of the first phase planning effort in 1973, ARDC contracted with Charles Aguar, who has worked extensively in the Region, to conduct an environmental survey. This detailed field survey was aimed at identifying historic, natural and cultural areas, as well as potential recreational and development sites. This survey, as well as the work previously completed by ARDC and other agencies, provided the basis for a Concept Plan which will be thoroughly reviewed with state and local agencies and private organizations and individuals over the coming months.

The time schedule agreed to by State Planning Agency and ARDC calls for refinement of the Concept Plan by mid-summer of 1974. A series of citizen participation meetings will be held both on the Concept Plan and final Comprehensive Plan to insure they reflect the goals and objectives of local residents as well as affected agencies. The agreed upon time schedule provides sufficient time for review of the Comprehensive Plan by

those agencies that will finally adopt it before its presentation to the Legislature in January 1975.

Technical Assistance

Few communities in the Arrowhead Region can afford the staff to deal with increasing state and federal requirements for assistance programs.

Technical assistance to local governments has always been a major part of ARDC activities. Assistance is given in preparing grant applications, meeting state and federal program requirements, developing work programs for planning, utilizing U.S. Census and other data and providing advice on planning and related matters.

A monthly informative newsletter explaining the planning activities, goals and purposes of the Arrowhead Regional Development Commission is also a vital technical assistance activity. The newsletter is sent to all local governments and interested citizens. Monthly circulation is over 1,100 copies.

ARDC funds in addition to grant funds are used for the technical assistance function. In 1973, ARDC continued to assist counties in the administration of zoning, subdivision, control ordinances and sanitary codes. To enable Koochiching County to cope with development changes, the Commission completely overhauled their zoning ordinance. This new comprehensive zoning will sufficiently arm the county with the means to shape their destiny.

The Commission has prepared a model sanitary code which seeks to provide uniform guidelines for the installation and operation of on-site sewage systems. This model code will be utilized by counties which presently have no ordinances governing on-site sewage systems. The Commission will be trying to help coordinate the sharing of sanitarians throughout the Region. This sharing of professional sanitarians will enable all counties to provide adequate administration and more effectively provide needed services to everyone required to install, repair, operate and maintain on-site sewage systems.

During periods when sustained levels of federal funding have been or will be possible, technical assistance in housing would consist of organizational structuring, application processing and specific recommendations for local alternatives to meet regional needs. Because of federal funding curtailments and other constraints, ARDC's level of technical assistance in 1973 was limited to public information and status reports to local officials regarding possible resource availability. Several presentations were made at various meetings in the Region to advise the public on specific housing problems and possible program developments to solve these problems. Future technical assistance will depend on availability of implementation resources and specific courses of action to utilize those resources.

Land Use Planning

Alternative regional land use policies and plans were developed in preliminary form during 1973. The report contained a description and analysis of physical features and existing and proposed land use development patterns for the seven counties. Previously prepared individual county land use plans provided the basic foundation for the development of three alternative land use plans ranging from the continuation of status quo development to the concentration of development in primary and secondary employment/living centers.

The Status Quo concept is not a preconceived comprehensive land use plan. It is merely a continuation of past trends. Therefore, government facilities and services (water, sewer, etc.) would continue to follow rather than precede development. String and sprawl development would occur in a haphazard manner wherever roads were made available. Major new employment centers would locate wherever desired. No conscious attempt would be made to relate them to transportation facilities, commercial and residential areas to reduce the increasingly longer journeys to work. Open space acquisitions and/or reservations would not be used to guide and enhance development into regional patterns.

The twenty to thirty year commitment concept would designate major regional employment and service centers and seek to allocate the vast maiority of federal and state grant-in-aid programs to these areas. The major cities would provide a wide variety of services and employment and efficient public services for the majority of the Region's population, "Satellite" and minor service centers were identified and would receive sufficient assistance to maintain current levels of services. The isolated municipality or rural settlement would either go it alone or seek to consolidate and cooperate directly with a major urban center. The major centers would be the urbanized portions of the following communities: Aurora, Babbitt, Chisholm, Duluth, Ely, Eveleth, Grand Rapids, Hibbing, International Falls, Silver Bay and Virginia.

The major features of this concept are: belts of open space would separate major centers, satellite and minor service centers, lending eligibility and identity; new employment activities would locate in or adjacent to existing major employment centers; service employment and convenience commercial activities would locate in satellite and minor service centers; and sprawling residential areas would be discouraged.

The third concept would preserve and enhance future choices. This alternative would seek to modify past county plans and redirect development to areas that will be serviced with water, sewer and other necessary services. This concept



U.S. Highway 53

embodies a short range approach to land use planning and therefore will continually need to be updated and modified. Also, it will require a thorough understanding of all environmental and tradeoff factors before major rezoning, highway, commercial and industrial activities are undertaken. Rural areas will be protected by raising the minimum lot sizes, ranging from ten to eighty or more acres. Outlying rural communities will be preserved and rehabilitated according to the community's needs.

The alternative plans will receive close public scrutiny during 1974 and the Commission will then seek to adopt an agreed upon concept as the land use plan for the Arrowhead Region.

Forest Management Activities

In January 1973 a forester was assigned to the ARDC staff from the U.S. Forest Service. The financial support for this project came from HUD 701 planning funds and the U.S. Forest Service. A committee composed of representatives from the U.S. Forest Service, Minnesota Division of Lands and Forestry and ARDC was formed to give guidance. The primary areas of responsibility for this project are: assess the forest industry's opportunities and potential in the Arrowhead Region, specifically in those areas adjacent to and which will be affected by the Voyageurs National Park and the Boundary Waters Canoe Area; assist in the development of a management information system for land use and related planning activities specifically to identify inputs needed for continuing management of forest lands and open space; assist in the development of policies for uniform management of open space and forest lands; assist in the development of the regional transportation plan, particularly as it effects accessibility for forest products removal; assist in the development of land use controls in the area to be impacted by the Voyageurs Park and other federal or state recreational areas.

The major activities to date have been directed toward: collection of timber resource management information from public agencies and the timber industries to assess the current and future plans for the management and use of the commercial forest land; collection of timber use and supply information from major owners and users of timber in the Arrowhead Region to determine the current supply and demand situation; formulation of natural resource management and use policies for the development of land use policy plans for the perimeter of the Voyageurs National Park: review and provision of input to ARDC comments on the Minnesota Environmental Impact Statement regulations and guidelines; investigation of ways of securing additional financing for a more detailed and accelerated statewide timber resource inventory; preparation of a report on the timber resource situation relating to supply, demand, management and future potential.

The results of a study conducted during the summer of 1973 to determine the status of timber resource management and use will be used to prepare the Regional Timber Resource Report. This summer study served to point out the complexity of the timber resource situation. It showed, among other things, that there are 17 agencies and timber companies owning and/or managing commercial forest land with approximately 500 loggers supplying over 100 wood processors. This study further substantiated the need for a detailed and frequent inventory of the timber resources so land use decisions impacting the timber in-

dustry's supply of wood can be thoroughly analyzed.

Information Systems

The planning processes of ARDC require large amounts of data which necessitate a systematic approach to the collection, storage and retrieval of information. As the scope of the Arrowhead Commission becomes more intensified and new projects and studies are developed, the demands for information will be greater. The consideration of these facts resulted in the creation of an information systems section of the planning staff at ARDC.

The major objective of the regional information system is to develop a regional data bank and information management system. To meet the objective, the information system has established work programs with the Center for Urban and Regional Affairs (CURA) of the University of Minnesota, State Planning Agency and the St. Louis County Planning and Zoning Department.

An early task in 1973 was an inventory of available computer systems and the establishment of priorities. The University computer systems located at UMD and on the main campus provided the most favorable alternative for hardware and software needs. Data was already available for the Region at the University in two locations. A work-

ing agreement between the Minnesota Land Management Information System (MLMIS), which is part of CURA, and the Arrowhead Commission gave access to a 40 acre parcel physical resource planning data file.

Working with the U. S. Census data available from Minnesota Analysis and Planning Systems (MAPS) has provided the Commission with a Minor Civil Division (MCD) file for the entire Region. This data and that from MLMIS based on the 40 acre parcel is available on computer printed maps.

For the smaller area sites that ARDC would like to evaluate in more detail, the Environmental Planning Programming Language (EPPL) has been developed. With the use of this computer software system, areas can be studied using parcels as small as 2½ acres in size. EPPL should be valuable to studies on HUD Areawide Planning Jurisdictions or other problem or impact areas.

In the past year the information system section has initiated a number of data files in addition to those already mentioned. The project files created and maintained by ARDC include:

- The Iron Range APJ data. The data including soil type, ownership, mineral rights and other related planning variables is collected by 40 acre parcels for the entire area.
- A Crane Lake pilot study. Coded by 2½ acre cells, this data is to be used in the EPPL system for development planning.
- Lakeshore development. All 40 acre parcels adjoining lakes in the Region have been coded, including a breakdown of development by seasonal, permanent or resort classification. This is an update of a previous study done for the state.
- Zoning pilot project. Zoning applications made in St. Louis County are being computerized as a pilot project to be used to monitor development.

For the purpose of support and coordination with other agencies in the state, an ad hoc interagency committee, ARDC Planning Information Committee, has been organized. This committee will continue as an important part of the development of information systems for the Arrowhead Region.



McGregor Industrial Park, photo courtesy of Aitkin County Chamber of Commerce.

Reports 1973



Environmental Committee Meeting.

Arrowhead Region Solid Waste Management Plan

Midwest Planning and Research, Inc. of Minneapolis evaluated the conditions in Aitkin, Cook, Itasca, Koochiching and Lake Counties and the major portion of St. Louis County and designed a workable plan for solid waste management in the Arrowhead Region. The Plan was required by the Minnesota Pollution Control Agency and has been adopted by ARDC and PCA. September, 1973

Organizational Alternatives for Implementing Regional Housing Goals

Recommendations from the ARDC Housing Advisory Committee in this report include the formation of a regional housing authority made up of representatives from HRAs in each of the seven counties in the Arrowhead Region. A non-profit housing development corporation would also be formed to assist the region HRA in developing housing units for lease. An interim plan was developed until financing of these recommendations could be sought. February, 1973

Land-Use Alternatives Plan

Prepared by ARDC, the report provides a discussion of the natural environment; public and private land ownership; and policies concerning land use management. Three alternative land-use plans for the Arrowhead Region are outlined. One plan will be selected after several months of review throughout the Region. October, 1973

ARDC Information Systems Development

In this, the ARDC staff reports the objectives of the information system development program: to develop a system for the collection, storage and retrieval of information; to establish a data management system in cooperation with various state and county agencies; to identify areas of joint concern and define responsibilities and methods of cooperation; and to develop procedures and agreements toward joint funding and sharing of tasks, personnel and work programs. June, 1973

Voyageur Park Perimeter Policies Plan

As a statement of public objectives, the Policies Plan presents the goals, policies and standards which are followed in preparation of the detailed plans for the Voyageurs impact area. It is

to provide a framework or guide against which specific development proposals may be tested or evaluated. May, 1973

Interim Report on the Economic Base of the Duluth/Superior Growth Center

A preliminary analysis of the economic base of the growth center, its major cities and the counties in which they are located is contained in this report. It is to be used by local planning and economic development agencies or organizations as a basis in developing a public investment strategy. Prepared as a part of the Duluth/Superior economic development planning program by ARDC and Northwestern Wisconsin Regional Planning and Development Commission, August, 1973

Criminal Justice Plan 1974

The plan contains analysis of crime incidence data, problem statements, program goals and objectives, LEAA subgrant data, multi-year forecasts and projected five-year budgets. The development of an integrated regional corrections systems, inservice law enforcement training programs, regional cooperative narcotics enforcement and law enforcement services to meet the special needs of the Indian Community are included in this document. December, 1973

Arrowhead Regional Report

The report is a monthly newsletter published by ARDC containing information on the purposes, goals, policies and planning activities of the Arrowhead Commission. Available to all interested persons, circulation of the report is currently over 1,100.

An Appraisal of Organization and Procedures

The report evaluates institutional organization and functions relating to water quality in the western Lake Superior basin. It is a joint project of the Western Lake Superior Sanitary District, Northwestern Wisconsin Regional Planning and Development Commission and Arrowhead Regional Development Commission as a part of a series of reports prepared for the Lake Superior Basin Water Quality Management Plan. December, 1973

Studies 1973

Timber Resource Management and Utilization

This report was prepared to assess the timber management programs conducted by the various public agencies and timber industries in the Arrowhead Region. It also included an assessment of the current timber supply and demand with some information presented on the location of major timber supply areas. September, 1973

Population Analysis, Arrowhead Region

This report analyzes changes in the Region's population numbers and characteristics between 1960 and 1970. The purpose is to identify trends and areas of population change, point out the factors influencing change and which might have future impact and provide basic information on the socio-economic characteristics of the people. Much of the data is presented by Minor Civil Division using computerized mapping techniques.

Model Ordinance for Individual On-Site Sewer Systems, Working Draft

Regulations in the model ordinance are designed to provide uniform, basic guidelines that will insure in all counties of the Region that individual sewage disposal systems are properly designed, located and operated to protect the public health. Prepared by ARDC, October, 1973

Lakeshore Development

Updating of the Minnesota Lakeshore Study published in 1970 and based on 1967 data was the responsibility of ARDC in 1973. Information on lakeshore development in the seven counties was obtained from the individual counties' records. Changes in seasonal and permanent homes as well as commercial developments will be investigated and compared to the earlier study. The purpose is to determine the development trends taking place on the lakes within the Arrowhead Region.

A Study of Federal Grants-in-Aid Approvals by Federal Agencies Through A-95 Procedures for Projects Located in the Arrowhead Region, Fiscal Year 1972

This study was prepared for the purpose of analytical review of the nature of approved federal grants-in-aid and their relation to the PNRS procedures. The source of information contained in the study was a computer printout of grant-in-aid actions reported to the Minnesota State Planning Agency, which is designated Minnesota's Central Information Reception Agency by the U. S. Office of Management and Budget. May, 1973



Committee on Aging.

Review Process

Designated by the Governor of Minnesota in 1970 as the clearinghouse for the Arrowhead Region, ARDC is empowered to review and comment on each project proposal according to regional planning goals and policies. A regional clearinghouse is required by the Office of Management and Budget's Circular A-95 which is set up to facilitate the coordination of state, regional and local planning and development.

Under the authority of the Regional Development Act — passed by the Minnesota Legislature in 1969 — the ARDC is empowered to:

- Review and comment on long-term comprehensive plans of local governmental units within the Region
- Review plans of independent boards and commissions and suspend such plans where potential conflict with the regional plans exists
- Review applications for federal and state grants or loans made by governmental units, independent commissions, boards or agencies within the Region.

Upon the receipt of a project notification, agencies or persons which may be affected by or interested in the project are also notified for comment. The applicant is then responsible for sending the application along with all comments to the state or federal funding agency.

This review and comment procedure, called the Project Notification and Review System (PNRS), does not guarantee or deny the funding of a project.

The following is a chronological listing of project notifications received for review by ARDC in 1973.

A key to the abbreviations as well as the total financial assistance requested from each agency in 1973 appears at the end of the individual project listing.

Project Title & Cost	Applicant	Agency Applying to	Project Title & Cost	Applicant	Agency Applying to
Highway Construction Program in Region 1973-1975 (\$6,764,500)	Minnesota Highway Department	FH(w)A	Law Enforcement Education Assistance (\$35,000)	Mesabi State Junior College	Department of Justice
Law Enforcement Classroom Extention Program (\$16,000)	Mesabi State Junior College	Department of Justice (LEAA)	Full Year — Part Day Head Start (\$375,832)	Arrowhead Economic Opportunity Agency	OEO
CAP Administration Rural Neighborhood Workers, Arrow-	Arrowhead Economic Opportunity Agency	OEO	Electric Facilities Loan (\$288,000)	Dairyland Electric Cooperative, Inc.	"loan"
head Youth Council, Economic Development Programs (\$169,000)			Construction of Electric Distribution Facilities (\$851,700)	Northern Electric Cooperative	"loan" Department of
Remedial Reading and Math (\$17,300)	District 363 — South Koochiching County	Minnesota Department of Education	No. 1	Association	Agriculture (REA)
Grand Portage Campground Phase I (\$120,000)	Grand Portage Development Corporation	BOR	Electric Power Construction Program (\$200,850)	Carlton County Cooperative Plan Association	"loan" Department of Agriculture (REA)
Blackberry Township Bridge	Blackberry Township		Proposed Sewer and Water	Village of Hibbing	HUD (FHA)
Iron Range Interpretive Center (\$2,400,000)	IRRRC	EDA	Projects, 1973 (\$1,702,000)		
Comprehensive Planning Grant Continue FY 1974 (\$102,628)	ARCH	HEW	Two Harbors Municipal Airport (\$284,353)	City of Two Harbors	DOT (FAA)
General Project: Elementary & Secondary Education (\$65,196)	Aitkin County	HEW	County Bridge Replacement near Floodwood (\$390,000)	St. Louis County Highway Department	"revenue sharing"
N.E. Minnesota Environmental Center (\$239,064)	Independent School District #166	HEW	RSVP of Duluth Area (\$37,673)	St. Louis County Welfare Department	HEW
Cohasset Area Community Building & Water and Sewer	Village of Cohasset	HUD	Junkyard Removal Projects in Arrowhead Region (\$35,145)	Minnesota Highway Department	DOT (FH(w)A)
Study (\$100,000)			Berglund Park — Palisade (\$20,000)	Aitkin County Parks Division	BOR
Third Pond for Sewage Treatment (\$139,000)	Village of Floodwood	EPA	Aitkin Roadside Erosion and	Aitkin County	Department of
Senior Citizen Community Center (\$161,233)	St. Louis County Welfare Department	HEW	Sedimentation Control (\$103,000)		Agriculture (REA)
Purchase and Renovation Grant (\$500,000)	United Day Activity Center of Duluth, Inc.	HEW	Carlton County Roadside Erosion and Sedimentation Control (\$124,000)	Carlton County Highway Department	Department of Agriculture (REA)
Gunflint Trail Reconstruction (\$950,000)	Cook County Highway Department	Department of Agriculture (Forest Service)	Cooperative Area Narcotics Squad (\$206,973)	St. Louis County	Department of Justice
Electric Power Transmission System — Improvements &	United Power Association	Department of Agriculture	In-Service Law Enforcement Training Program (\$16,000)	Mesabi State Junior College	Department of Justice
Pollution Control Facilities (\$9,817,000)	ASSOCIATION	Agriculture	Driver's Training Program for School Dropouts (\$3,986)	Arrowhead Economic Opportunity Agency	Department of Justice

Project Title & Cost	Applicant	Agency Applying to	Project Title & Cost	Applicant	Agency Applying to
Koochiching County Group Home (\$56,650)	Koochiching County	Department of Justice	Arrowhead Elderly Nutrition Program (\$121,816)	Arrowhead Economic Opportunity Agency	HEW
N.E. Minnesota Regional Corrections Center (\$395,060)	St. Louis County	Department of Justice	Gilbert Mobile Home Park (\$146,400)	Private Developers	
Youth Advocates Program — Duluth Program (\$80,000)	Department of Education	Department of Justice	Round Lake Park and Swimming Beach (\$11,000)	Aitkin County	BOR (LAWCON)
Non-Residential Burglary Prevention Program (\$60,977)	City of Duluth	Department of Justice	Bear Head Lake State Park (\$52,250)	DNR	BOR (LAWCON)
Misdemeanant Defense Project (\$25,406)	Legal Aid Society (City of Duluth)	Department of Justice	Duluth Seniors Dinner Program (\$94,444)	Duluth CAP	HEW
Carlton County Radio Communications Project (\$65,750)	Carlton County	Department of Justice	Security Fencing and CFR Vehicle (\$95,000)	Chisholm-Hibbing Airport Commission	DOT (FAA)
Cook and Lake Counties Radio Communications Project (\$144,945)	Lake County	Department of Justice	Arrowhead Retired Senior Volunteer Program (\$32,680)	Arrowhead Economic Opportunity Agency	ACTION (RSVP)
Koochiching County Radio Communications Project	Koochiching County	Department of Justice	Emergency Food and Medical (\$100,000)	Duluth CAP	OEO
(\$56,650)			Low Rent Housing for Elderly	Cloquet HRA	HUD
Nett Lake Indian Deputy Program (\$27,404)	Nett Lake Reservation Business Committee	Department of Justice	Silver Bay Harbor and Refuge (\$48,000)	Village of Silver Bay	Corps of Engineers
Carlton County Indian Deputy Program (\$11,097)	Fond du Lac Reservation Business Committee	Department of Justice	Advanced Treatment of Waste- water using an Engineered System in Peatlands (\$98,293)	IRRRC	EPA
Cook County Indian Deputy Program (\$15,805)	Cook County/Grand Portage Reservation Business Committee	Department of Justice	Northome Park and Recreation Development (\$12,000)	Village of Northome	BOR (LAWCON)
Arrowhead Treatment Center	Arrowhead Juvenile	Department of	Pioneer Park (\$60,000)	City of Ely	BOR (LAWCON)
(\$137,204) Center Unit 2-400 MW Steam	Center U. S. Department of	Justice	Park Point Boat Launching (\$13,830)	City of Duluth	BOR (LAWCON)
Unit & Related \pm 250 KV DC Transmission Line	Agriculture		Knife River Epic Drama Amphitheater (\$1,200,000)	Shore, Inc.	EDA
Environmental Impact State- ment-Negative Declaration of Economic Impact — recon- struction of CSAH 7 of St.	St. Louis County Highway Department		An Economic Study of the Western Lake Superior Region (\$81,470)	UMD	EDA
Louis River Bridge to CSAH 101			Progam Activities (\$118,750)	Koochiching-Itasca Action Council	OEO
Carey Lake Recreation Area (\$79,684)	Town of Stuntz	BOR	Onanegozie RC&D Project Expansion	Onanegozie RC&D Project Committee	
Sewer Collection, Sewage Treatment and Water Distribution Systems	Koochiching County		Administration, General Community Programming (\$80,000)	Grand Portage Reservation Business Committee	OEO

Project Title & Cost	Applicant	Agency Applying to		FINANCIAL ASSISTANCE REQUESTED BY AGENO IN 1973 PROJECT NOTIFICATIONS	Υ
Full Year Head Start (\$266,227)	Duluth Community Action Agency	OEO	Abbrev.	Finan	cial Assistance Requested
Andersonville Sewer and Water Project (\$243,000)	City of Aitkin	FHA		Grants	
Long Lake Conservation Camp (\$35,000)	Aitkin County Land Commissioner	BOR (LAWCON)	DOD	ACTION (RSVP) Bureau of Outdoor Recreation	\$ 24,473 109,842
Financial Aids (\$466,326)	Mesabi Community College	HEW	BOR	Department of Agriculture (REA)	9,981,000
Improved Management and Administrative Capability	Grand Portage Reservation Business	OEO		Department of Justice	1,323,407
(\$25,000) Visitors Center (\$250,000)	Committee	EDA	EDA	Economic Development Administration	2,421,070 145,966
Visitors Center (\$250,000)	Grand Portage Local Development Council	EDA	EPA FHA	Environmental Protection AgencyFederal Housing Administration (HUD)	
Administration, General Community Programming, Emergency	Nett Lake Reservation Business Committee	0E0	FAA	Federal Aviation Administration	,
Food and Medical (\$57,548) Arrowhead Transportation	Arrowhead Economic	HEW	FH(w)A	Federal Highway Administration	
Program for the Elderly (\$87,088)	Opportunity Agency		HEW	Health, Education and Welfare	
Business Industrial Loan —	American Metalcraft	"loan"	LAWCON	Land and Water Conservation Fund (BOR)	
Rural Development (\$700,000)	Corp., Aitkin	Department of Agriculture (FHA)	0E0	Office of Economic Opportunity	
Versatile Funding for the	Arrowhead Economic	OEO		U.S. Forest Service	950,000
Program Year 4/74 - 3/75 (\$211,000)	Opportunity Agency			Total Federal Grants	\$22,869,733
General Community Programming (\$78,520)	Nett Lake Reservation Business Committee	OEO		Loans	
PA55 Emergency Food and Medical (\$99,000)	Duuth CAP	OEO		Department of Agriculture (FHA)	\$ 1,050,000
White Sky Inn (\$350,000)	White Sky Corporation			Department of Agriculture (REA)	1,055,295
		Department of Agriculture		Department of Justice	
		(FHA)		Other	399,755
Aitkin County CSAH 4, from TH47, 8 miles east of Aitkin	Minnesota Highway Department	FH(w)A		Total Federal Loans	, , , , ,
to Thor (\$495,000)	• • • • • • • • • • • • • • • • • • • •			Total Federal Grants and Loans	\$25,396,283
Grand Portage Technical Assistance (\$39,600)	Grand Portage Development Corporation	EDA		Total State Assistance	
Permanent Facility and	East Range Day	HEW		Total Federal and State Assistance Combined	
Curriculum Expansion (\$657,000)	Activity Center, Inc.	,		Local Share	\$ 2,142,280

ARDC Staff

Charged with the preparation of plans and programs, the day-to-day staff of ARDC is headed by the Executive Director, who is also the chief administrative officer. Three divisions constitute the structure of the staff — urban and regional planning, human resources and operations. ARDC staff followed by consultants to ARDC are listed:

Executive Director

Deputy Director, Chief of Planning William S. Beck

Chief of Operations
Rikku L. Silvola

Administrative Assistant Roshan Harms

Regional Planner III
Michael F. Morgan (Comprehensive)
Noel M. Knudson (Housing)

Regional Planner II
David A. Martin (Human Services)
Les Darling (Water Resources)

Regional Planner I
Robert J. Paquette (Information
Systems)
Steven J. Krmpotich (APJ)

Regional Program Specialist III
William M. Bolander (Research)
Steven L. Krasner (Aging)
Randy J. Rehnstrand (Criminal Justice)

Regional Program Specialist II
Alan Ballavance (Economic Development)
Neil E. Johnson (Criminal Justice)
Earl A. Nordstrand (Information
Systems)
Michael Majetich (Aging)

Regional Program Specialist I Linda S. Haavik (Publications) Keith O. Ball (Finances)

Technician
Robert D. Lundberg (Cartography)

Secretarial/Clerical Staff

Rebecca Boettcher (Aging) Barbara Maki (Water Resources) Nancy Schneuer (Criminal Justice) Sandy Shaffer (Planning)

Student Interns

Randy Lasky Kim McIsaac Tracy S. Page III

Staff Consultants

Emil Angelica (Minnesota Human Services) Raymond O. Benton (Forester, U. S. Forest Service) William Fleischman (Minnesota Human Services) Robert Franz (Voyageur National Park) Ellie Freeman (Minnesota Human Services) Tony Mulozzi (Minnesota DVR)

ARDC Board Consultants

Robert F. Eaton (Legal Counsel) Thomas Micheletti (Legal Counsel) Wayne Gilbert (Legal Counsel) F. Robert Edman (Intergovernmental Relations)

Project Consultants

Charles Aguar (Voyageur National Park)
American Consulting Services (Water Quality)
Eugene Avery (Water Quality)
Barr Engineering Company (Water Quality)
Midwest Planning and Research, Inc. (Solid Waste)
Robert R. Wallace and Associates, Inc. (Water Quality)

Advisory Committees

The Arrowhead Regional Development Commission has working committees on criminal justice, aging, housing, economic development and environmental quality. Serving in an advisory capacity and representing various interests in the Arrowhead Region, the committee members aid the Commission and its staff in the review and planning functions of ARDC.

Advisory Committee on Aging

H. W. Gooch, Chairman Peter DuFault Pat Stadum Gordon Johnson Ethel Clauson Harriet Headley Roy Warloe Marguerite Betta Ludwig Anderson George Gettings Ann Malvick Betty Larson Ann Wood Edna Shepard Edwin Hansen Ruth Schuder Alma Olson Rev. Edward Viren Richard Holm Guy P. Booth Dwight Miller John Saxhaug Marion Smith Grant Haves

Criminal Justice Committee*

John Vukelich, Chairman
Warren A. Peterson
Chief Donald Suess
Chief Richard Ellison
Ralph Yrjanson
Sheriff William Sobey
Emmett T. McKeever
Ed C. Steffy
Chief Milo S. Tasky
Sheriff John P. Muhar
Hon. Ralph Harvey
Commissioner Wayne Purcell

Hon. Thomas Bujold Robert D. Miller Ronald F. Laurion Paul Schultz

Theodore F. Telander

Lee Ann Conrath William Fleischman Sister Läura Leo L. Sarchett

Commissioner Bev Johnson

Walter Eldot Mayor Kenneth Lund Barbara Munger

Economic Development Committee

Jerry J. Jubie, Chairman Vincent Gentilini James Hull Clifford Campbell Claude Titus Arthur C. Barschdorf

Environmental Committee

Janet Green, Chairwoman D. Kelly Campbell Henry Koistinen Oscar Bergstrom Mike Lubratovich Paul N. Johnson

Housing Advisory Committee

Betty Larson, Chairwoman Howard Reed Fred Boeckh Lynden T. Osgood Joe Dubovick Gaylord Bridge Clifford Gravelle

* The Criminal Justice Committee also serves as the Region B Advisory Council to the Governor's Commission on Crime Prevention and Control. Changes will be made in the membership during December and January in order to comply with new LEAA legislation that states the majority of the members must be elected officials.

RECEIPTS

Year Ending December 31, 1973

	Federal_	State	Local	In-Kind	Other	Total
Economic Development Administration	\$ 59,082		\$ 17,085	\$ 3,338		\$ 79,505
Criminal Justice	40,300		21,536			61,836
Aging	63,228		12,391	9,571		85,190
Housing & Urban Development	46,451	\$10,000	53,560			110,011
Voyageurs Park Study		18,000				18,000
Basin Planning	102,074				\$40,500	142,574
Water Quality Management Team	18,038				18,266	36,304
Human Services		4,792				4,792
N.E. Regional Corrections Center	4,838		•			4,838
Forest Service	1,847					1,847
Lakeshore Study		5,000				5,000
Total	\$335,858	\$ <mark>37,79</mark> 2	\$ <mark>104,572</mark>	\$12,909	\$58,766	\$549,897

EXPENDITURES

Year Ending December 31, 1973

	EDA	Human Services	Criminal Justice	Aging	HUD	Basin Planning	Water Quality Office	Cor- rections Center	Forest Service	Lakeshore Study	Voyageurs Park	Admin. Support	Total
Personnel &	¢47.4CC	CACAE	¢22.4E2	¢22.020	ΦEΩ 420	¢ 45 010	¢ 0.000	¢1 100	¢1 000	¢0.704	A 1100		¢00C 240
Pers. Burden	\$47,466	\$4,645	\$33,453	\$23,930	\$52,430	\$ 45,019	\$ 9,608	\$1,100	\$1,803	\$2,724	\$ 4,162		\$226,340
Indirect Expenses	28,649		22,604	16,697	36,822	30,671			962	1,482	2,479		140,366
Consultants			1,125	37,996		39,959	18,240	4,625			6,000	\$23,168	131,113
Printing	314		185		5,278	2,241	1,967				29		10,014
Travel	3,208	85	3,976	1,249	1,728	1,476	356		423	590	785		13,876
Miscellaneous	635	2	598	234	783	1,523	1,585	11	35		184		5,590
Rent, Telephone, Etc							4,320						4,320
Supplies	65		244	61	541	63							974
Total	\$80,337	\$4,732	\$62,185	\$80,167	\$97,582	\$120,952	\$36,076	\$5,736	\$3,223	\$4,796	\$13,639	\$23,168	\$532,593

.973	Receipt	s		\$5	49,897
973	Expendi	tures .		<u>5</u>	32,593
Jnex	pended	Grant	Funds	\$	17,304

PROJECTED RECEIPTS

Year Ending December 31, 1974

v 1 i			Loc	al		
Program Source	Federal	State	Cash	In Kind	Other	Total
EDA	\$ 59,082	\$ 5,000	\$ 16,758	(1) \$3,338		\$ 84,178
Criminal Justice	62,500		17,000			79,500
N. E. Minnesota Corrections Center	10,000					10,000
Aging (HEW)	47,539		15,846			63,385
HUD Comprehensive	60,000	35,000				95,000
Basin Planning:						
EPA	36,178					36,178
St. Louis County					(3) \$ 65,000	65,000
Lake County					(3) 14,000	14,000
State of Minnesota					(3) 50,000	50,000
Voyageurs Park		48,000				48,000
Human Services		6,900				6,900
ARDC Support — Consultants, Board Travel, Etc			65,754			65,754
Total	\$275,299	\$94,900	(2) \$115,358	\$3,338	\$129,000	\$617,895

Notes

- (1) \$3,338 contributed services by NEMDA toward economic development program.
- (2) 1974 tax levy.
- (3) Required match by affected local governments within the Lake Superior Basin for two-year program.

PROJECTED EXPENDITURES

Year Ending December 31, 1974

	Personnel	Consultants	Printing	Travel	Miscellaneous	Indirect Costs	Total
Economic Development Administration	\$ 45,124		\$ 1,000	\$ 6,000	\$ 5,869	\$ 26,185	\$ 84,178
Criminal Justice	48,584			2,723		28,193	79,500
Aging	36,443		500	3,000	2,294	21,148	63,385
Voyageurs Park Planning	9,608	\$28,000	1,000	2,000	1,816	5,576	48,000
Housing & Urban Development	56,365	3,000	1,000	1,000	926	32,709	95,000
N. E. Minnesota Corrections Center	1,900	7,000				1,100	10,000
Human Services	7,289			900			8,189
Basin Planning	63,036	22,500	6,570		4,804	36,578	133,488
ARDC Support — Consultants, Board Travel, Etc						61,500	61,500
Expected Deficit — 1973						20,236	20,236
Expected Surplus — 1974						14,419	14,419
Total	\$268,349	\$60,500	\$10,070	\$15,623	\$15,709	\$247,644	\$617,895

Commentary



In retrospect, it appears that we in the Arrowhead Commission have been concentrating our major talents and resources on physical problems that confront our environment.

Our concern has been expressed in environmental issues such as water quality, solid waste, land use policies, etc. This year a significant shift in our programming has occurred, that is, a shift to recognizing and studying ways to expedite the immediate needs of the people in the Arrowhead Region.

Our thrust into the Human Services field is the logical next step in the overall development of our communities in Northeastern Minnesota. The management of resources, the use of land, the protection of our environment were vital to a good quality of life in our initial programs reflecting Arrowhead's priorities in the past years. Continued efforts to maintain and improve these programs are still high priority; however, we recognize the immediate need in delivering services to people as an essential adjunct to Arrowhead's programs.

We now look ahead to the coming years to the concerns of people in the areas of health, criminal justice, welfare and other human services and how they can be made more readily available to all the citizens of this Region.

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RUDY R. ESALA Executive Director



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