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**CANADA-MANITOBA NORTHLANDS AGREEMENT
1976-82
PROGRESS REPORT, 1981/82**



CANADA/MANITOBA NORTHLANDS AGREEMENT 1981-82

Figure 1

SECTOR	PROGRAM	PROJECT	ACTIVITY
A. RESOURCES AND COMMUNITY ECONOMIC DEVELOPMENT	COMMUNITY ECONOMIC PLANNING AND SUPPORT	COMMUNITY ECONOMIC FEASIBILITY AND SUPPORT SERVICES	Community Wildlife Management
	RESOURCES DEVELOPMENT AND EMPLOYMENT	PARK DEVELOPMENT	Parks Infrastructure and Development
		COMMUNITY ECONOMIC DEVELOPMENT AND EMPLOYMENT	Northern Gardening
	B. HUMAN DEVELOPMENT AND COMMUNITY SERVICES	EXTENSION AND COMMUNITY AFFAIRS	EXTENSION AND COMMUNITY AFFAIRS
NORTHERN MANITOBA HUMAN DEVELOPMENT SERVICES		MANPOWER SUPPORT SERVICES	Employment Services Family Support Services Career Resource Centre
		ADULT PROFESSIONAL DEVELOPMENT	New Careers Buntep Access Programs
NORTHERN COMMUNITY SERVICES		COMMUNITY INFRASTRUCTURE SUPPORT SERVICES	Northern Community Planning
		COMMUNITY INFRASTRUCTURE SERVICES	Safe Water Supply Community Roads
INDIAN RESERVE COMMUNITY SERVICES		COMMUNITY INFRASTRUCTURE SUPPORT SERVICES	Community Planning
		COMMUNITY INFRASTRUCTURE SERVICES/SAFE WATER SUPPLIES	
		WASTE DISPOSAL FACILITIES	
		FIRE PREVENTION/PROTECTION	
		COMMUNITY INFRASTRUCTURE SERVICES/INTERNAL TRANSPORTATION	
		COMMUNITY INFRASTRUCTURE SERVICES/MULTI-PURPOSE FACILITIES	
C. TRANSPORTATION AND COMMUNICATION		SURFACE TRANSPORTATION	THOMPSON-SPLIT LAKE
	JENPEG - CROSS LAKE - NORWAY HOUSE		
	REMOTE AIRSTRIP IMPROVEMENT	AIRSTRIP DEVELOPMENT AND UPGRADING	Berens River Bloodvein Ilford Island Lake Lac Brochet Pikwitonei Pukatawagan Red Sucker Lake St. Theresa Thicket Portage

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CANADA/MANITOBA NORTHLANDS AGREEMENT, 1976-82

PROGRESS REPORT, 1981/82

FOREWORD

Section 8.1 of the Canada/Manitoba Northlands Agreement states that information regarding progress shall be made available regularly to the people in northern Manitoba. Reports for the years 1976/77, 1977/78, 1978/79, 1979/80 and 1980/81 were published earlier. The Federal and Provincial Managers of the Canada/Manitoba Northlands Agreement respectfully present the following Progress Report for 1981/82.

This report, recording progress achieved during the fourth year of the Agreement, begins with a discussion of the Canada/Manitoba Northlands Agreement under five headings; Background, Purpose and Objectives, Structure, Management and Financing. This section is followed by the main body of the report which parallels the format of the Agreement; that is, Northlands programming is divided into sectors, programs, projects and activities. An overview of financial flow for the first four years of the Agreement is found in Appendix A. Financial information is identified for sectors, programs and projects. Information on expenditures for 1981/82 at the activity level is provided in the activity progress statements. A listing of Federal and Provincial implementing departments is found in Appendix B.

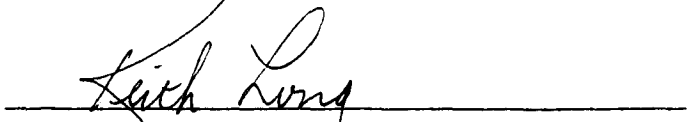
The Managers and Secretaries responsible for the management of the Agreement wish to acknowledge the contributions of those members of the Federal and Provincial departments who submitted, compiled and edited the information presented in this publication.



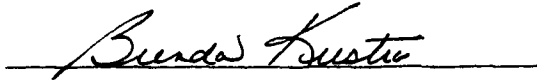
Federal Manager



Provincial Manager



Federal Secretary



Provincial Secretary

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THE CANADA/MANITOBA NORTHLANDS AGREEMENT

BACKGROUND

In June of 1974, the Governments of Canada and Manitoba signed a General Development Agreement (GDA) providing for the joint development of specific agreements which would ensure the implementation of social and economic programs intended to improve the circumstances of Manitobans. With the recognition that the problems of the north require special action, a major component of the strategy described in the GDA dealt with the development of Manitoba's northlands.

While a long-term Northlands Agreement was being developed, the two governments entered into an Interim Northlands Agreement (April 1, 1974 to March 31, 1976) to facilitate immediate action in areas of obvious priority. Signatories of the Interim Agreement were the Department of Regional Economic Expansion (DREE) and Transport Canada on behalf of the Government of Canada and the Manitoba Department of Northern Affairs on behalf of the Government of Manitoba.

On September 15, 1976 at Norway House, Manitoba, the federal and provincial governments signed a five-year Canada/Manitoba Northlands Agreement which included two additional federal departments - the Department of Manpower and Immigration and the Department of Indian Affairs and Northern Development. To provide for continuity of projects initiated under the Interim Agreement, the Long-Term Agreement was made retroactive to April 1, 1976 and continued for an initial five-year period ending March 31, 1981. This represented the first phase of a longer term development strategy which is anticipated to be of 15 years duration.

In 1979, a Third Year Review was undertaken of the transportation program, and at the same time, it provided the opportunity to assess the progress and financial situation of the other programs under the Agreement.

As a result of this review, the Northlands Agreement was broadened to provide for new programming in the areas of forestry, parks, mineral initiatives, and to facilitate modifications to the transportation programs. Amendments No. 1 and No. 2, signed March 30, 1979, facilitated the inclusion of these new and revised programs, and provided additional funding authority to the Agreement. The total Agreement allocation was increased from \$138.7 million to \$155.4 million.

AMENDMENT NO. 3 AND NO. 4

The Northlands Agreement was to expire on March 31, 1981. Because a new Northern Development Agreement had not yet been signed and a number of major projects begun under Northlands were incomplete, it was agreed by the Governments of Canada and Manitoba to extend the Northlands Agreement. Amendment No. 3 extended the Agreement for one year to March 31, 1982 and facilitated the completion of two road projects and selected community infrastructure projects.

Amendment No. 4, signed December 18, 1981, provided an additional \$7.5 million to facilitate the continued cost-sharing of human development programs. These were extension and community affairs, manpower support services and adult professional development. This additional authority increased the total Agreement allocation from \$155.4 million to \$162.9 million.

PURPOSE AND OBJECTIVES

The Northlands Agreement is a commitment on the part of the governments of Canada and Manitoba to a comprehensive program directed towards socio-economic development, increased opportunities for employment and an improved standard of living for northerners. It is intended to help residents of the remote north bridge the gap between their current circumstances and the real opportunities available both within their own communities and in the industrial urbanized centres of northern Manitoba.

Programming under the Agreement is designed to pursue the following objectives:

- a) *to enable the people of the area to contribute to and participate in the development of northern Manitoba;*
- b) *to enable those people of the area who wish to do so, to continue their own way of life with enhanced pride and purpose; and*
- c) *to encourage the orderly utilization of the natural resources of northern Manitoba in harmony with resource conservation and for the benefit of the inhabitants, the province and the region.*

STRUCTURE

The Northlands Agreement is structured to encompass a wide variety of development initiatives under four broad sections:

SECTOR A: Resources and Community Economic Development

SECTOR B: Human Development and Community Services

SECTOR C: Transportation and Communication

SECTOR D: Coordination and Pilot Action Research

Each sector is further divided into programs, projects and activities as shown in Figure 1 (fold-out).

MANAGEMENT

Coordination and management of the Agreement is the responsibility of both federal and provincial governments through their appointed representatives, the Joint Managers. The Department of Regional Economic Expansion (DREE) coordinates federal programming through the federal Joint Manager, while the Department of Northern Affairs coordinates the programs of twelve provincial departments through the provincial Joint Manager. The actual delivery of programming is the responsibility of the implementing department noted in Appendix A of this report.

FINANCING

The Northlands Agreement, with Amendments No. 1 and No. 2, provided a five year framework for the total commitment of \$155.4 million. With the extension of this agreement through Amendment No. 3 and the additional funding provided through Amendment No. 4 the six year total was increased to \$162.9 million. Financing under the agreement was designed to focus on resources and community economic development, human development and community services and transportation and communication.

Of the total \$162,916,000, the federal government's share of \$110,509,000 is contributed by the Department of Regional Economic Expansion, Department of Indian Affairs and Northern Development, Canada Employment and Immigration Commission and Transport Canada. The provincial government's share of the total is \$52,407,000.

Table 1 shows the distribution of dollars over the six-year period for the four main sectors of the Agreement. (Page 5)

Figure 2 depicts the relative share committed to each of the four main sectors (Page 6).

Appendix A displays an overview of the financial flows by sector, program and project for the six years of the agreement. (Page 62)

TABLE 1

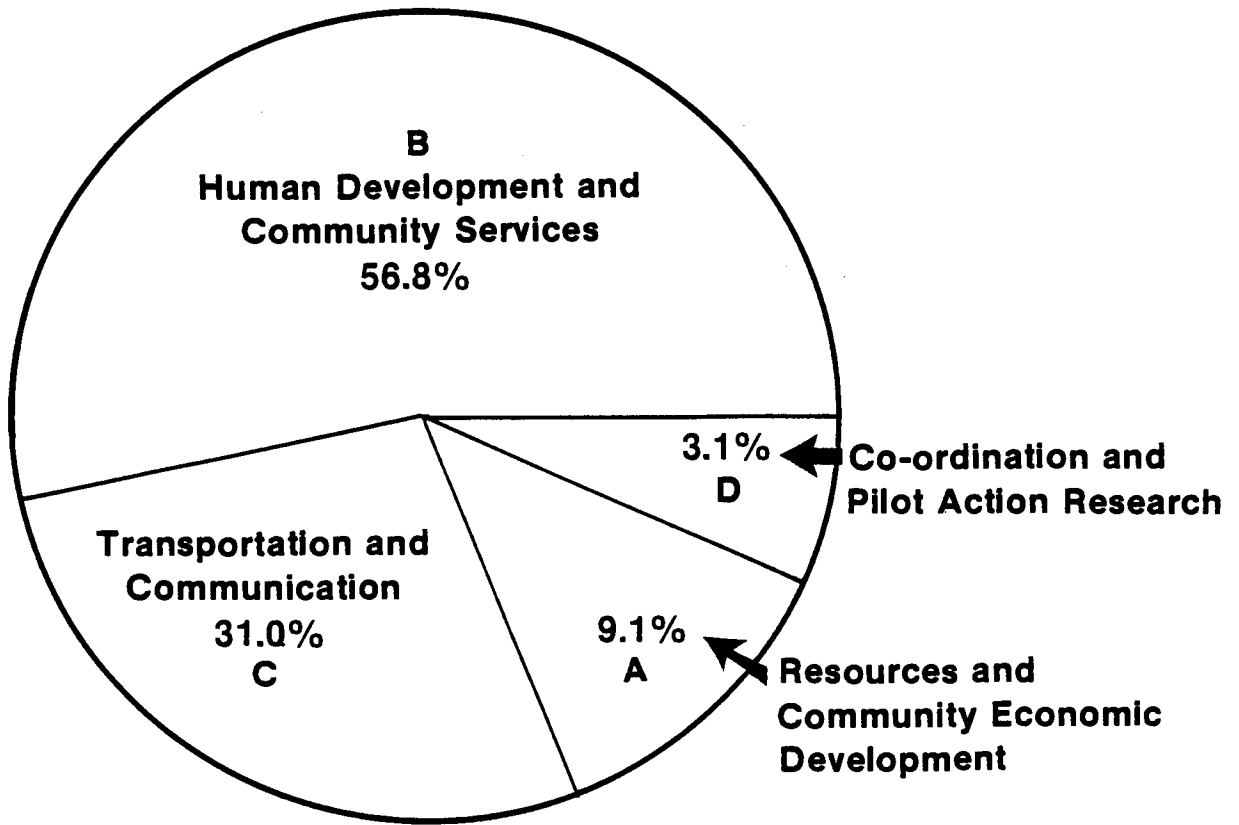
CANADA/MANITOBA NORTHLANDS AGREEMENT

Summary of Allocations 1976-1982

(\$000)

	FEDERAL AGENCIES				TOTAL FEDERAL SHARE	TOTAL PROVINCIAL SHARE	FIVE- YEAR TOTAL
	Canada Employment & Immigration & Commission	Transport Canada	Department of Indian Affairs and Northern Development	Department of Regional Economic Expansion			
Resources & Community Economic Development				\$ 8,932.0	\$ 8,932.0	\$ 5,956.0	\$ 14,888.0
Human Development and Community Services	\$5,416.0		\$14,993.0	47,728.0	68,237.0	24,224.0	92,461.0
Transportation and Communication		\$12,183.0		18,157.0	30,340.0	20,227.0	50,567.0
Coordination and Pilot Action Research				3,000.0	3,000.0	2,000.0	5,000.0
TOTAL	\$5,516.0	\$12,183.0	\$14,993.0	\$77,817.0	\$110,509.0	\$52,407	\$162,916.0

Figure 2
Distribution of Financial Commitments among Sectors of the
Canada/Manitoba Northlands Agreement 1976-82.



Total Committed Funds 1976-82 are \$162,916.0

S E C T O R A

RESOURCES AND COMMUNITY ECONOMIC DEVELOPMENT

SECTOR A

RESOURCES AND COMMUNITY ECONOMIC DEVELOPMENT

The objective of this sector, as stated in the Agreement, is:

to provide the resources necessary for the assessment, planning, development and support of resource-based and other opportunities for a community economic development approach, emphasizing local participation, which is designed to provide long-term employment and increased well-being in communities on the basis of converging basic human needs with productive activity arising from the resources of the region;

Sector A encompasses three programs which are cost-shared between DREE (60%) and the Province of Manitoba (40%). These are Community Economic Planning and Support, Regional Resource Development Planning and Resource Development and Employment.

In 1981/82, programs in this sector had substantially reduced cost-sharing in comparison to previous years as Amendment No. 3 facilitated only the utilization of un-expended dollars. There were no additional funds provided to this sector.

PROGRAM COMMUNITY ECONOMIC PLANNING AND SUPPORT

This program provides assistance needed in the initiation of planning, research and experimentation required by communities, groups or associations, to formulate projects and activities that will encourage economic development in remote northern Manitoba communities.

This program consists of one project.

Project 1 Community Economic Feasibility and Support Services

This project provides for technical and planning services, management advisory services, market and feasibility studies, applied experimentation, data collection and resource analysis. It is the intention of this project to provide activities which are related to economic development at the community level.

Activity 1 Community Wildlife Management

It was the general intention of this activity to explore possibilities of effective utilization of local wildlife resources in northern Manitoba. Identification and development of both consumptive and non-consumptive uses of wildlife was undertaken in consultation with the local people.

Activity in 1981/82 related to polar bear management. Through this activity the program of effective polar bear depredation was continued.

This activity was implemented by the Manitoba Department of Natural Resources with expenditures of \$4,353.47 cost-shared 60/40 between DREE and Manitoba.

PROGRAM RESOURCE DEVELOPMENT AND EMPLOYMENT

The objective of this program is to provide financial assistance to develop the natural resources of the region in order to increase the number of employment opportunities and to efficiently utilize resources for the benefit of northerners.

Project 1 Park Development

This project was designed to provide for the construction and/or upgrading of parks infrastructure in order to enhance the utilization of recreational options offered by the natural resources region. In addition, local employment opportunities would be increased both directly and indirectly, in the tourist and associated service industries.

Activity 1 Parks Infrastructure Development and Planning

This activity was implemented by the Manitoba Department of Natural Resources, Parks Branch. In 1981/82, expenditures of \$4,961.88 were shared 60/40 between DREE and Manitoba and related to construction activities at the Troy Lake Wayside, located along the Thompson-Split Lake Road.

Project 2 Community Economic Development and Employment

The purpose of this project was to provide the technical and financial assistance required for the development and implementation of community-oriented initiatives aimed at increasing local employment and income opportunities and is intended to enable residents to utilize resources more efficiently.

Activity 1 Northern Gardening

The purpose of this activity was to develop local skills in the production of vegetables in northern and remote communities, thereby improving the nutritional base of residents living in those communities.

During 1981/82, assistance was provided through the purchase of a tractor for use with the large tiller. A total of 127 gardens were tilled in preparation for the planting of vegetables during the summer months.

This activity was implemented by the Manitoba Department of Agriculture utilizing a staff of two. In 1981/82 expenditures of \$7,610.18 were cost-shared 60/40 by DREE and Manitoba.

S E C T O R B

HUMAN DEVELOPMENT AND COMMUNITY SERVICES

SECTOR B

HUMAN DEVELOPMENT AND COMMUNITY SERVICES

The objective of this sector, as stated in the Agreement, is:

to assist families and communities to provide a social and physical environment conducive to the improvement of the quality of life and the participation of people in community affairs and development opportunities;

Amendments No. 3 and No. 4 facilitated support to these programs: Extension and Community Affairs, Northern Manitoba Human Development Services, Manpower Development Services, Northern Community Services, and Indian Reserve Community Services.

PROGRAM EXTENSION AND COMMUNITY AFFAIRS

The objective of this program is to improve the capacity of northern communities to manage local government and community economic development. This program consists of one project: Extension and Community Affairs.

Project 1 Extension and Community Affairs

The intention of this project was to provide financial assistance for those activities which encourage participation in local government and community affairs and which provide opportunities to northern youth to broaden their general education and experiences.

This project consists of four activities: Local Government and Community Services, Youth Travel, Cultural and Recreation Services and 4H North.

Activity 1 Local Government and Community Services

The purpose of this activity is to provide information services, training and exposure programs and other required resources in support of residents of northern remote communities for their increased participation in local and regional socio-economic opportunities and for their increased participation in the development of local government and community affairs.

In 1981/82, this activity provided for a consultation process between the Department of Northern Affairs, DREE, and northern and native organizations. Seven consultation meetings were held with nine organizations to discuss local priorities related to a new Northern Initiative.

This activity was implemented by the Manitoba Department of Northern Affairs.

The total cost of the consultation was \$16,040.28 of which \$6,154.18 was cost-shared 60/40 between DREE and Manitoba.

Activity 2 Youth Travel

The intent of the Youth Travel activity is to provide students from Grades I through XII, in northern and remote Manitoba communities, with the opportunity to participate in educational travel in order to:

- increase the knowledge of students regarding educational employment opportunities, services, and lifestyle variation in other communities of the province;
- enrich educational programs offered in these schools by providing a practical learning experience in which students plan, organize, implement and participate in curriculum and/or career related travel projects; and
- experience the economic, cultural, social and geographic aspects of different regions of Manitoba as they pertain to curriculum studies and interact with people who live and work in these regions.

During 1981/82 assistance was provided to 12 travel groups representing 14 schools and a total of 522 students under the Youth Travel activity.

This activity was implemented by the Manitoba Department of Labour and Manpower. In 1981/82 expenditures of \$33,076.82 were shared 60/40 between DREE and Manitoba.

Table B.1 displays the number of students from each school who participated in the Youth Travel activity and communities they visited.

Travel destinations were as follows:

- 97% to Winnipeg and other locations in southern Manitoba
- 3% to Cranberry Portage and other northern locations.

TABLE B.1
YOUTH TRAVEL DESTINATIONS

SCHOOL	NO. OF STUDENTS	DESTINATIONS
<u>Remote School Divisions</u>		
Lake Manitoba	13	Cranberry Portage
Camperville (Philomene Chartrand)	26	Carberry, Portage La Prairie, Winnipeg, Selkirk, Steinbach
<u>Mystery Lake School Division</u>		
Juniper Elementary	47	Winnipeg
Deerwood	46	Grand Rapids, Austin, Cranberry, Winnipeg, Morden, Winkler
Westwood	80	Riding Mountain National Park
Burntwood Elementary	79	Steinbach and Winnipeg
Riverside	42	Winnipeg
Eastwood Elementary	55	Souris and Surrounding Area
R.D. Parker Collegiate	22	Winnipeg
R.D. Parker Collegiate	47	Winnipeg (St. Boniface)
<u>Kelsey School Division</u>		
Margaret Barbour Collegiate	32	Winnipeg
<u>Flin Flon School Division</u>		
Ruth Betts	33	Winnipeg
Hapnot		
Medsaac		
TOTAL	522	

Activity 3 Cultural and Recreation Services

The Recreation Services component of this activity was designed to assist all northern Manitoba communities in the development of community recreation development. The activity is composed of four area components: I) Community Programs Development, II) Human Resources Development, III) Exposure, and IV) Physical Resources Development. These four areas are, in turn, divided into a number of sub activities.

I COMMUNITY PROGRAMS DEVELOPMENT

Assisted Manitoba communities in the planning, implementation and coordination of community recreation development in the following activities:

- i) Consultative Services - provided consultation and support in the planning and management of recreation services, programs, and facilities. In 1981/82, 855 consultations with communities were provided.
- ii) Grant to Regional Recreation Council - Provided an administration grant of \$5,000 to the Northern Manitoba Recreation Association (NORMRA), which assumes the responsibility for coordinating regional activities such as conferences, seminars, festivals, etc. All communities north of the 53rd parallel may have representation on the Regional Recreation Council.
- iii) Northern Water Safety - Provided competent water safety education and swim instruction to residents of remote Indian-Metis communities. Eighteen communities were serviced expending \$13,199.28.
- iv) Summer Activities Program - Provided leadership training and skills development activities for 4 summer recreation workers (provided by S.T.E.P.), 37 communities were serviced expending \$10,000.

II HUMAN RESOURCES DEVELOPMENT

Provided training for potential community recreation leaders and supported events which develop skills in leisure time activities, through the following:

- i) Frontier Games - Provided competitive sport and exchange opportunities for those communities serviced by the Frontier School Division. Expenditures totalled \$22,000.
- ii) Leadership Training - Provided workshops, clinics, and courses for the development of recreation leaders and volunteers who offer recreation opportunities in their communities.
- iii) Skills Development - Provided 49 clinics and workshops for leaders in activities which are underdeveloped.
- iv) Regional Sport Development - Offered Northern Manitobans opportunities to participate in different sporting activities and to begin to identify athletes who have the potential of reaching higher levels of achievement. Funds totalling \$24,449 were expended allowing communities to participate in sporting activities.
- v) Recreation for the Disabled - The following communities were provided with public education and training programs to enable them to integrate the disabled into community recreation activities: Thompson, Lynn Lake, Flin Flon, The Pas, and Sasagui Rapids (attendance from Flin Flon, Lynn Lake, Gillam, The Pas, Thompson, Leaf Rapids, and Churchill).

III EXPOSURE

Increase the appreciation for and understanding of recreation by providing opportunities for Manitobans to be exposed to new and unique physical, cultural and social recreation activities.

- i) Conferences - provided a forum for the exchange of ideas, information giving, and the planning and evaluation of local, regional and provincial recreation services. Representatives from communities were sponsored to attend conferences in Winnipeg as well as the north.
- ii) Demonstrations - Demonstrations were held in 11 communities to present new recreation activities at the local, regional and provincial levels.
- iii) New Activities Assistance - Assisted 28 communities to initiate new activities with the intent of establishing a program.
- iv) Regional Newsletter - "Tansi" - The regional newsletter provided information and allowed for communication and exchange of programs and ideas among all northern Manitoba communities on a monthly basis.
- v) Fitness Development - Sponsored special events, aided community programs, provided consultation and produced resource material, for the purpose of increasing awareness of fitness in the communities of Cranberry Portage, Flin Flon, Lynn Lake, Snow Lake, The Pas, Wanless, Carrot Valley, Pikwitonei, South Indian Lake, Wabowden, Thompson and Duck Bay.

IV) PHYSICAL RESOURCES DEVELOPMENT

Assisted Northern communities to develop their physical recreation resources including facilities and equipment.

- i) Sport Facilities '80 - A grants program to communities, in support of the construction and renovation of sport facilities. A total of \$26,468.86 in grants were dispersed to Leaf Rapids, Crane River, Snow Lake, and the L.G.D. of Consol.

- ii) Facilities Consultation - Provided a consultative service to communities and districts for the planning, operation and maintenance of major recreation facilities. All communities are eligible to receive this service.
- iii) Equipment Grants to Remote Communities - This grant program to assist 42 communities in the purchase of recreational equipment (up to a maximum of \$800.00) for a total of \$31,873.98 in grants.
- iv) Energy Assistance Program - A program that provided aid, offsetting the effects of Manitoba Hydro's demand billing system on major recreation facilities to 5 communities for a total of \$31,301.54 in grants.
- v) Recreation Facilities '81 - A grant program to communities in support of the construction and renovation of recreation facilities. A total of \$104,310.65 in grants.

The recreation services activity was implemented by the Manitoba Department of Fitness, Recreation and Sport utilizing a staff of 8. In 1981/82 expenditures of \$374,175.59 were shared 60/40 between DREE and Manitoba.

Table B.2 details the delivery of the Recreation Services activity by community.

Activity 4 4-H North

The 4-H program has the objectives of helping people acquire attitudes, knowledge and skills which will contribute towards social and economic development in northern Manitoba. The core of this extension program is the formation of Clubs with adult volunteers as leaders and children (aged 9 - 19) as members. Each club carries out a variety of project work and recreational activities.

Progress during 1981/82 included the following:

- a) An agreement was made with the Department of Community Services for each 4-H Specialist to spend 60% of their time on 4-H, and 40% on the Home Economics program. It was felt that this would give workers more credibility in the remote communities and, through the health and nutrition programs, opportunities to deal with adults and children in which to develop a 4-H program.
- b) The Youth Gardening Program, a cooperative venture between the Northern Horticultural Program, 4-H North and the Nutrition Advisors of the Frontier School Division was successful in reaching approximately 50 youths in 6 communities.
- c) Newsletters to promote 4-H in urban and remote communities were printed and distributed.
- d) In Home Economics, staff promoted activities in selected communities in nutrition; money management, home improvement and family life.
- e) Club Achievement Days, camping trips, leadership and communication workshops, project training activities and other related 4-H activities.

Table B.3 lists the 4-H participants and active clubs.

This activity was implemented by the Manitoba Department of Agriculture utilizing three full-time and two part-time staff operating out of Thompson and The Pas. Expenditures of \$86,593.41 were shared 60/40 between DREE and Manitoba.

TABLE B.3
4-H CLUB PARTICIPANTS

COMMUNITY	LEADERS	MEMBERS
Leaf Rapids	8	55
Thompson	9	50
The Pas (rural)	8	21
Easterville	4	20
Flin Flon	3	24
Grand Rapids	6	23
The Pas (town)	7	42
Shamattawa	4	25
Moose Lake	3	23
TOTALS	52	283

PROGRAM NORTHERN MANITOBA HUMAN DEVELOPMENT SERVICES

The purpose of this program is to provide assistance to northern Manitoba residents with the aim of increasing work experience. Counselling and employment information is available as well to increase the range of human development services.

This program consists of two projects: Manpower Support Services, and Adult Professional Development.

Project 1 Manpower Support Services

This project provides an integrated manpower service which includes a job information and referral network, relocation services, a family support service and a youth corps program.

Activity 1 Employment Services

The Employment Services activity is intended to both assist northerners to obtain and retain employment by providing employment services and to create summer employment for northern youth. The activity consists of three components 1) Relocation 2) General Employment Services and 3) Northern Youth Corps.

- 1) Relocation: Provided counselling, home advisory and other related support services to workers and their families who were relocated for employment with northern mines. During the year, 138 workers were relocated to Flin Flon, 15 to Thompson and 13 to Leaf Rapids, for a total of 166.
- 2) General Employment Services: Provided counselling, referral, job/training placement services to unemployed northerners. Approximately 2,200 different clients were assisted with a wide variety of services. Included within this number were 35 construction jobs related to the Split Lake to Gillam road and assistance in the relocation of 24 BUNTEP students and their families in relocating to Thompson. Table B.4 contains further detail.
- 3) Northern Youth Corps: Provided for the creation of summer jobs in northern Manitoba communities by providing grants for wages to sponsors of community improvement projects. A total of 57 projects were funded, providing summer jobs for 315 youth and 32 supervisors. Table B.5 contains further detail.

TABLE B.4

EMPLOYMENT SUPPORT & COUNSELLING SERVICESUMMARY OF SERVICES

	<i>Apprenticeship</i>	<i>New Careers</i>	<i>Private Sector Youth Employment</i>	<i>Relocation</i>	<i>Youth Corps</i>	<i>Selkirk Plant</i>	<i>Hire A Student</i>	<i>Northern Summer Education</i>	<i>On-The-Job-Training</i>	<i>Vestibule Training</i>	<i>Other Employment Opportunities</i>	<i>TOTALS</i>
Interviews	40	98	6	383	50	18	15	31	12	34	927	1614
Referrals	14	70	6	254	12	7	5	27	1	38	494	928
Placements	4	14	0	60	4	3	3	6	1	13	326	434
Follow-Up	23	80	5	232	73	43	17	93	8	10	236	820
Counselling	8	22	0	148	12	16	3	0	3	2	228	442
Employer Contacts	50	34	51	137	33	33	10	20	11	6	255	640
Community Contacts	0	8	1	169	505	19	17	215	0	4	152	1090
Other Agency Contacts	13	48	15	241	260	34	65	94	2	23	500	1295
Financial Assistance	2	11	0	35	0	4	0	0	0	2	51	105
TOTALS	154	385	84	1659	949	177	135	486	38	132	3169	7368

TABLE B.5

YOUTH CORPS - NORTHERN SUMMER YOUTH EMPLOYMENT PROGRAM

COMMUNITY	EMPLOYED	PROJECT
THOMPSON REGION		
Churchill L.G.D.	7 students shared 6 jobs	Looking after recreation, playground and staffing - tourist information centre.
Cross Lake Band	6 students shared 5 jobs	Assist with treaty and Indian days - Job experience - recreation.
Cross Lake Community Council	17 students shared 5 jobs	Construct playground and supervise activities.
Island Lake Garden Hill Band	1 supervisor 5 students - 5 jobs	Recording Cree legends - Research of Island Lake Post - Newsletter.
Gillam Fox Lake Band	7 students shared 6 jobs	Clean-up - Work education program in various areas.
Gillam L.G.D.	1 supervisor 6 students shared 5 jobs	Library work - Playground - Day Camp and Sports.
God's Lake Narrows Community Council	1 supervisor 5 students - 5 jobs	Playground - improved skating rink - clean-up. Build shed for equipment.
Ilford Community Council	5 students shared 3 jobs	Greenhouse project - clean-up cemetery - repair play-dock & fence, clean up yards.
Nelson House Band	6 students shared 5 jobs	Vocational relationship for trade & professional occupations - repair elderly homes
Nelson House Community Committee	7 students shared 4 jobs	Work with children - make street signs - clean up beach.
Norway House - York Boat Days Committee	3 students - 3 jobs	Paint & repair York Boats - Booth & Activity Stage construction - operations - storage.
Oxford House Band	10 students shared 5 jobs	Job experience in various areas.
St. Theresa Point Band	5 students - 5 jobs	Assist on Housing Construction. Job experience.
Wasagamack Band	6 students shared 3 jobs	Clean-up - recreation. Job experience.
Thompson - Native Communications Inc.	1 supervisor 13 students - 13 jobs	Act as Radio announcers, translators, reporters and photographers.
Thompson Rotary Club	2 students - 2 jobs	Assist in summer camp operation.
Thompson - 5th Anniversary Com.	6 students shared 5 jobs	Booth and registration desk - (tourism)
Thompson Y.W.C.A.	4 students - 4 jobs	Work with children and handicapped.
Thompson Juniper Centre Inc.	3 students - 3 jobs	Work with physically and mentally handicapped.
LAKE WINNIPEG REGION		
Dauphin River Recreation Centre	2 students - 2 jobs	Recreation program
Berens River Band	1 supervisor 11 students shared 8 jobs	Renovate docks - relocate & construct play area, graveyard improvement, aged & disabled assistant, clean-up
Berens River Community Council	1 supervisor 11 students shared 4 jobs	Dismantle old hall and construct dock.
Bloodvein Band	1 supervisor 3 students - 3 jobs	Recreation - beach development - ball field repair.
Fisher Bay Community Council	5 students shared 2 jobs	Painting - improve beach & dock area. Park & playground development.
Fisher River Band	28 students shared 8 jobs	Recreation - school repairs - assist housing, sawmill and fisheries.
Harwill Community Committee	2 students shared 1 job	Recreation area - elderly assistance.
Peguis Band	1 supervisor-33 students shared 10 jobs.	Park & recreation. Playground development and construction.
Jackhead Band	1 supervisor 14 students shared 6 jobs	Construction of playground and bleachers.
Little Grand Rapids Band	1 supervisor 12 students shared 5 jobs	Construction of aged step, housing, bus shelters and signs.
Manigotogon M.M.F.	1 supervisor 13 students shared 5 jobs	Recreation - construction community program. Tourist information booth.
Pine Dock Community Council	1 supervisor 8 students shared 3 jobs	Fence graveyard, recreation, hall maintenance Senior Citizen Assistance.

TABLE B.5 Cont'd

25 (a)

COMMUNITY	EMPLOYED	PROJECT
Seymourville Community Council	1 supervisor 4 students shared 3 jobs	Recreation & Drop-in Centre, Snack Stand, Landscaping Recreation development.
Hollow Water Band	1 supervisor 9 students shared 4 jobs	Community signs, elderly assistance, community map.
<u>THE PAS REGION</u>		
Barrows Community Council	6 students shared 3 jobs	Paint, plant trees, fence for hall and park maintenance.
Camperville Community Council	1 supervisor 9 students - 9 jobs	Construct stands, change house, office work, Plant tree shrubs and beach clean-up.
Cranberry Portage Village District	1 supervisor 9 students shared 5 jobs	Senior citizen assistance, beach & playground Tourist booth, Tree planting & clean-up.
Crane River Band	1 supervisor 10 students shared 8 jobs	Paint building and build baseball diamond, Build and paint fences for elderly.
Crane River Community Council	1 supervisor 10 students shared 8 jobs	Cut and split firewood, mow lawns, bleachers, work for elderly.
Duck Bay Community Council	1 supervisor-13 students shared 10 jobs.	Finished playground in south division. Built new subdivision playground.
Easterville Community Council	1 supervisor 6 students - 6 jobs	Paint and clean-up.
Flin Flon Rec. Commission	1 supervisor 8 students shared 6 jobs	Assist senior citizens run outdoor camp for handicapped.
Grand Rapids Rec. Commission	1 supervisor 7 students - 7 jobs	Recreation program.
Mallard Community Council	1 supervisor 5 students - 5 jobs	Assist elderly and handicapped. Construction of playground, fire drills.
Pelican Rapids Community Council	1 supervisor 8 students shared 7 jobs	Grave makers; assist elderly painting houses.
Pine Creek Band	1 supervisor 6 students shared 5 jobs	Housing construction, home renovations for elderly, and office assistance.
Red Deer Lake Community Committee	5 students shared 3 jobs	Clean-up, painting houses, repair fences, construction of cross.
Pelican Rapids Shoal River Band	6 students shared 3 jobs	Construction of rink, clearing brush for park & ball field, cut & haul cordwood.
The Pas - Big Eddy Metis Settlement	1 supervisor 5 students - 5 jobs	Paint recreation complex and landscape, dig holes, erect outhouses and fences.
The Pas Town	3 students - 3 jobs	General office work.
The Pas - Umper- ville Settlement	6 students shared 5 jobs	Assist elderly, maintain recreation. Make benches, repair fences.
Waterhen Band	1 supervisor 7 students shared 6 jobs	Repair backstop and bleachers. Maintain recreation, paint, clean-up.
Waterhen Community Council	1 supervisor 4 students - 4 jobs	Assist elderly, brushing, clearing and improving graveyards.
<u>LEAF RAPIDS REGION</u>		
Brochet - Band & Comm. Council	1 supervisor-17 students shared 14 jobs.	Beach improvement, assist construction, Community radio station, clean-up.
Leaf Rapids Town	28 students shared 16 jobs	Park development & maintenance, playground supervision, carpentry & maintenance of school and grounds.
Lynn Lake- L.G.D.	1 supervisor 8 students shared 6 jobs	Prepare tourist camp, staff tourist booth, cemetery maintenance, Public Works projects
Pukatawagan - Mathias Colomb Band	1 supervisor 8 students - 8 jobs	Local community services, Band office, nursing station, playground maintenance.
South Indian Lake O-Pee-Pun-Na-Pwee- Win	1 supervisor 9 students shared 7 jobs	Community garden project and drainage culverts.

The Employment Services activity was implemented by the Manitoba Department of Labour and Manpower utilizing the services of 27 staff, the distribution of which is indicated in Table B.6.

In 1981/82 expenditures of \$1,351,700.97 were cost-shared 60/40 between DREE and Manitoba.

TABLE B.6
EMPLOYMENT SERVICES STAFF DISTRIBUTION

Regional	Admin/Clerical	Field Staff	Total
Headquarters (Winnipeg)	2	1	3
The Pas	3	3	6
Churchill/Thompson	3	6	9
Leaf Rapids	2	4	6
Flin Flon	-	3	3
TOTALS	10	17	27

Activity 2 Family Support Services

Family Support Services provides educational programs in aid of nutrition, money management, home-making skills and housing for the changing patterns of socio-economic development in the north.

Greater co-operation between provincial implementing departments resulted in joint delivery of programs to a wider coverage of the northern region and improved service to isolated communities.

This activity was implemented by the Manitoba Departments of Health and Community Services utilizing the services of 3 Home Economists and 2 support staff.

In 1981/82 expenditures of \$159,510.63 were cost-shared 60/40 between DREE and Manitoba.

Table B.7 provides a summary of this activity.

TABLE B.7
SUMMARY OF FAMILY SUPPORT SERVICES
 1981/82

PROGRAM	NORMAN REGION	THOMPSON REGION	TOTAL
<u>Nutrition</u>			
Pregnant Women	170	238	408
Infants	130	63	193
Preschool	309	18	327
School Age	549	252	801
Family	750	63	813
Food Preparation/ Preservation	241	75	316
Other	309	135	444
<u>Money Management</u>			
General	341	97	438
Debt & Financial Counselling	4	26	30
Premarriage	72	-	72
Other	20	29	49
Clothing Construction and Buymanship	82	2	84
<u>Housing</u>			
Energy Conservation	2	12	14
Maintenance/ Improvement	31	10	41
Other	4	2	6
4-H	569	975	1544
*Special Groups	93	56	149
Other	477	2709	3186
TOTAL**	3491	3731	7222

* Includes mentally retarded, physically handicapped, and post mentally ill for which special resources and teaching techniques are utilized.

** Excludes 4-H and Special Group participants who are counted under the various program areas as indicated.

Total figures represent cumulative services provided.

Activity 3

Career Resource Centre

The objective of this activity was to stimulate career awareness and to provide career planning and counselling to interested northern residents. In 1981/82 this activity was composed of six main operational areas. They are as follows:

- I. Dissemination of information: including occupational descriptions, national university and college information, job search techniques, labour market information, educational opportunities, skills assessment techniques, curriculum development aids and social services resources.

Activity in this area during the year included:

- the printing of occupation posters
- provision of Reed Career services tapes to students
- mall displays in Thompson and Leaf Rapids
- two job readiness sessions in Thompson
- the holding of various meetings and fielding of inquiries.

- II. Testing and Assessment: the centre employs qualified staff who provide psychological tests to determine interests and aptitudes of clients.

- III. Counselling Services: to help individuals to establish career goals.

Activity in this area during the year included:

- 433 counselling sessions involving 245 clients
- 39 group sessions
- program held in conjunction with the Northern Youth Corps with student representation as follows:

4 - Oxford House	5 - Garden Hill
4 - St. Theresa Point	5 - South Indian Lake
5 - God's Lake Narrows	3 - Norway House
3 - Ilford	5 - Cross Lake
2 - Wasagamack	

- IV. Referral To Training: is provided on an ongoing basis.
- V. Referral to Appropriate Agency: staff ensures clients are aware of available community resources.
- VI. Career Consulting in Program Development: to assist schools and organizations in the development of programs for career counselling. Schools in Wabowden, Leaf Rapids and Thompson received services.

This activity was implemented by the Manitoba Department of Labour and Manpower utilizing a staff of three including one managerial consultant, one consultant and one resource technician.

In addition to the services provided by the Thompson centre, the Dauphin centre provided job and career counselling to the communities of Duck Bay, Camperville, Pine River, Rorkton, Toutes Aide and Winnipegosis.

During 1981/82 expenditures of \$143,110.15 were cost-shared 60/40 between DREE and Manitoba.

Project 2 Adult Professional Development

The objective of this project is to increase the participation of northerners in professional, technical and administrative jobs in both northern remote communities and urban centres. In 1981/82, this project consisted of three activities: (1) New Careers, (2) Brandon University Northern Teacher Education Program (BUNTEP), and (3) ACCESS (formerly Special Mature Students Programs).

Activity 1 New Careers

The intention of this activity is to increase the participation of people from remote northern communities in professional, paraprofessional, technical

TABLE B.8
NEW CAREERS - 1981-82

Project	Department or Agency	No. of Trainees	Training Location	Total No. Trainees Enrolled	Number Discontinued	No. in Training		Number of Graduates
						1st Year	2nd Year	
ADULT CORRECTIONS	Health and Community Services	6 2	The Pas Egg Lake	8	0	5	0	3
AIRCRAFT MECHANICS	Northway Aviation Portage Aviation St. Andrews Airways Kelsey Bus Lines Universal Aero Engine Parson's Airways Calm Air Lakeside Aviation	1 1 1 1 1 3 3 2	Gimli Thompson Winnipeg The Pas Winnipeg Flin Flon Lynn Lake Churchill The Pas	15	3	5	0	7
AUTO MECHANICS	Ilford/Riverton Airways Nickel City Motors	1 1	Winnipeg Thompson					
CHEMICAL ABUSE	Rosaire House Churchill Health Centre AFM Cameron Lodge	2 2 3	The Pas Churchill Thompson	7	0	3	0	4
JUVENILE CORRECTIONS/ RESIDENTIAL CHILD CARE	Churchill Health Centre Marymount	1 1	Churchill The Pas					
DAY CARE WORKERS	Churchill Health Centre Cormorant Play World Thompson Day Care Juniper Pre School	1 1 1 1	Churchill Cormorant Thompson Thompson	4	0	0	0	4
RECREATION WORKERS	Y.W.C.A. Man. Metis Federation	1 1	Thompson Thompson	2	0	0	0	2
LAB ASSISTANT	Leaf Rapids Hospital	1	Leaf Rapids	1	0	0	0	1

TABLE B.8 Continued...

LAB ASSISTANT	Leaf Rapids Hospital	1	Leaf Rapids	1	0	0	0	1
STORE MANAGERS	Hudson Bay Company	2	Garden Hill	26	2	14	10	0
		2	St. Theresa Pt.	2				
		1	Norway House					
		2	Churchill					
		2	Cross Lake					
		2	Nelson House					
		2	Split Lake					
	Grand Rapids Co-op	2	Grand Rapids					
	Grand Rapids Band Store	1	Grand Rapids					
	Decor World	2	The Pas					
	Opasquia Mfg.	1	The Pas					
	I.G.A.	4	The Pas					
	Ebb & Flow Band Store	1	Ebb & Flow					
	O-Jakwe Sibi Ent.	1	Fisher River					
	People's Store	1	Griswold					
NUTRITION/ HEALTH ADVISORS	Frontier School Division	1	Pelican Rapids	10	1	5	0	4
		1	Grand Rapids					
		1	Norway House					
		1	South Indian Lake					
		1	Brochet					
		1	Gillam					
		1	Cormorant					
		1	Moose Lake					
		1	Duck Bay					
		1	Waterhen					
			TOTALS	77	6	34	10	27

and administrative jobs in both remote and urban centres. New Careers consists of on-the-job training, related specifically to the skills and knowledge needed to perform particular jobs. For this purpose, it provides for staff, costs of administration, counselling, training allowances, travel, field cost of supervision and office expenses.

This activity was implemented by the Manitoba Department of Labour and Manpower utilizing a staff of nine. In 1981/82, expenditures of \$870,285.80 were shared 60/40 between DREE and Manitoba.

As Table B.8 displays, a total of 77 persons were registered for the 1981/82 term. Of this total, six persons discontinued the program before completing the entire course, twenty-seven finished the program and graduated, while forty-four continued in their training.

The following is a summary of participants in 1981/82:

- 77% were of Native ancestry
- 36% had Grade IX education or less
- 67% had unstable or intermittent employment records
- 43% were women.

Activity 2 Brandon University Northern Teacher Education Program (BUNTEP)

The objective of this activity is to provide field-based teacher training with appropriate financial, academic and personal support to residents of remote northern communities, who would otherwise have limited access to this opportunity.

The activity is intended not only to meet the demand for a stable supply of teachers in the northern communities but also to serve as a focus for the development of post secondary education in northern and remote Manitoba

communities. BUNTEP offers northern students the opportunity to gain elementary teacher certification in northern teaching centres. The required Arts, Science and Education courses are taught by visiting instructors from Brandon University or the resident centre co-ordinator.

BUNTEP served communities where:

- the community had demonstrated an interest in co-operating with the project by requesting a BUNTEP centre;
- the community was large enough to justify a centre by providing teaching positions;
- the community was centrally located among a number of small communities, which taken together, could provide teaching positions for graduates;
- the community had a demonstrated need on the basis of current teacher turnover rates affecting the quality of education.

During FY 81/82 there were 9 centres in operation throughout northern Manitoba, as well as some students completing their program on-campus. The centres at Island Lake and Cross Lake closed during the year. One new centre opened, the Thompson centre.

Table B.9 provides further information on this program.

Of the 153 students enrolled during 1981/82 eighteen graduated, thirty-five discontinued and 100 were in training at the end of March, 1982.

Of the 100 students enrolled:

- 76% were of native ancestry
- 66% had less than a grade XII education
- 75% were women.

This activity was implemented by the Manitoba Department of Education, Post-Secondary Career Development Branch. BUNTEP and ACCESS utilized a common staff of nine, operating out of Winnipeg, for the administration of both activities.

TABLE B.9

BRANDON UNIVERSITY NORTHERN TEACHERS EDUCATION PROGRAM

BUNTEP Centres	No. of Students April 1, 1981	No. of Entries	No. of Withdrawals	No. of Graduates	No. of Students March 31, 1982
Cross Lake	7	-	6	-	1*
Island Lake	12	-	5	-	0
Peguis	11	2	4	-	9
Split Lake	10	2	2	1	9
Norway House	18	6	7	4	13
Fairford	14	1	3	-	12
God's Lake Narrows	13	-	4	-	9
Grand Rapids	11	-	1	-	10
Thompson	0	33	1	-	32
Dauphin	8	-	1	2	5*
Swan River	5	-	1	4	0
TOTALS	109	44	35	18	100

*Centres closed, students on-campus.

During 1981/82 expenditures for BUNTEP were \$2,392,000 and were cost-shared 60/40 between DREE and Manitoba.

Activity 3 ACCESS

The objective of this activity is to provide access to post-secondary educational programs to northern Manitobans who traditionally have not had the opportunity. During 1981/82 a variety of degree level courses were offered with a new thrust being offered for the first time in Science Engineering which 8 students took advantage of.

Special Pre-Medical Studies Program - University of Manitoba

This program's objective is to offer a pre-medical studies program which prepares students for entrance to the School of Medicine, Dental School of the Faculty of Pharmacy.

ACCESS - Brandon General Hospital

The objective of this program is to provide a Registered Nursing diploma level course at the Brandon General Hospital to natives and northern people who would not otherwise have access to this type of training.

ACCESS - Red River Community College

The objective is to provide human resource development through the delivery of post-secondary level educational programs to people who have traditionally been deprived of such opportunities. Students pursue a wide range of community college courses from the trades to Business Education Teacher Training. The length of the courses vary depending on the course chosen. A specially designed "pre-College" preparation program has proven very successful.

Table B.10 provides further information on the ACCESS activities.

TABLE B.10
SUMMARY OF ACCESS PROGRAMS 1981/82

Program	No. of Students April 1, 1981	No. of Entries	No. of Withdrawals	L.O.A.	No. of Graduates	No. of Transfers	No. of Students March 31, 1982
ACCESS - U of M	35	28	15		6		42
SPSP	16	10	3	2		1	20
ACCESS - BGH	19	13	10		0	2	20
ACCESS - RRCC	31	24	18		4		33
SMSP - BU	4	0	0		4		0
TOTALS	105	75	46	2	14	3	115

Home Communities of Students by Program/Existing Students as of March 31, 1982

<u>BGH</u>		<u>SPSP</u>		<u>ACCESS - U of M</u>		<u>ACCESS - RRCC</u>			
Brandon	4	Berens River	1	Berens River	1	Berens River	2	Manigotogan	1
Churchill	3	Brochet	2	Brandon	1	Camperville	1	Moose Lake	1
Cormorant	1	Churchill	1	Camperville	2	Churchill	1	Nelson House	1
Dauphin	1	Cross Lake	2	Churchill	1	Crane River	1	Norway House	3
Gillam	1	Garden Hill	1	Duck Bay	1	Ebb & Flow	1	Ontario	1
Gods Lake	1	Island Lake	1	Fisher River	1	Fisher River	1	Peguis	2
Grandview	2	Lac Brochet	1	Flin Flon	1	Fort Alexander	1	Poplar River	1
Russell	1	Leaf Rapids	1	Garden Hill	1	Gillam	3	Rolling River	1
Sandy Lake	1	Matheson Island	1	Gillam	1	Gods River	1	Split Lake	2
Somerset	1	Pine Falls	1	Grand Rapids	3	Grahamdale	1	Stonewall	1
South Indian Lake	1	St. Theresa Point	1	Leaf Rapids	1	Lake St. Martin	1	The Pas	1
The Pas	2	Selkirk	1	Lorette	1	Long Plain	1	Thompson	1
Winnipeg	1	The Pas	1	Norway House	1	Lundar	1	Winnipeg	1
		Thompson	3	Pine Falls	1				
		Winnipeg	2	St. Laurent	2				
				Tadoule Lake	1				
				The Pas	1				
				Thompson	2				
				Wabowden	1				
				Winnipegosis	1				
				Winnipeg	16				

Continued...

TABLE B.10 Continued...

Faculties Students Enrolled in as of March 31, 1982

<u>ACCESS - RRCC</u>		<u>ACCESS - U of M</u>	
Electronics	2	BA	20
Graphics	1	B Sc/Eng	3
Business Administration	11	B Ed	6
Nursing	2	BSW	6
Business Accountancy	3	BPE	1
Creative Communication	2	LLB	2
I.A.T.E.	3	BFA	2
On-Job-Training	1	BN	2
Clerk Typist	1		
Commercial Cook	1		
Secretarial Science	4		
Business Teacher			
Education	2		

A profile of participants in the various ACCESS activities is as follows:

- 80% were of native ancestry
- 78% had less than Grade XII
- 69% were women.

This activity was implemented by the Manitoba Department of Education, Post-Secondary Career Development Branch. ACCESS and BUNTEP utilized a common staff of nine, operating out of Winnipeg for the administration of both activities.

During the 1981/82 expenditures for ACCESS were \$1,952,004.97 and were cost-shared 60/40 between DREE and Manitoba.

BACKGROUND TO COMMUNITY SERVICES PROGRAMS

The Northern Community Services Program and the Indian Reserve Community Services Program are both designed to support the expansion of community services in remote northern Manitoba communities. Two separate programs are required because of separate jurisdictional responsibilities. The Northern Community Services Program, undertook projects and activities in northern communities which were located on lands other than Indian Reserve lands and which fall under provincial jurisdiction. For this programming, DREE and Manitoba shared costs on a 60/40 basis. The Indian Reserve Community Services Program undertook similar activities on northern Indian Reserve lands or those traditionally served by the federal Department of Indian Affairs and Northern Development (DIAND). Costs for this programming are shared 60/40 between DREE and DIAND. Although the programs are administered separately, they are similar in terms of purpose and content.

PROGRAM

NORTHERN COMMUNITY SERVICES

This program consists of two projects, Community Infrastructure Support Services and Community Infrastructure Services. The former provides planning tools for use in future development, while the latter is concerned with actual delivery of facilities.

Project 1 Community Infrastructure Support Services

This project is designed to develop plans to assist community residents in the appropriate use of lands and other resources, and to aid in the development of basic facilities. In 1981/82 this project consisted of one activity.

Activity 1 Northern Community Planning

The intent of this activity is to assist remote communities with the preparation of comprehensive land use and sub-division development plans and maps for townsites and their immediate hinterland.

The projects undertaken in 1981/82 with residual funding available in the Agreement were the preparation of subdivision plans for the communities of Herb Lake Landing and Cross Lake.

This activity was delivered by the Manitoba Department of Municipal Affairs with expenditures of \$1,548.10 cost-shared 60/40 between DREE and Manitoba.

Project 2 Community Infrastructure Services

The objective of this project is to work towards providing remote northern communities with basic community infrastructure services. Activities delivered under this project included safe water supply and community roads.

Activity 1 Safe Water Supply

This activity provides communities with a source of portable water using rudimentary safe water delivery systems. Systems consist of either intake pipes (if surface supply) or wells (if groundwater source), pumphouses (equipped with filtration and chlorination), heat-traced distribution lines and one or more standpipe buildings.

Upon completion of the construction phase, the provincial department assesses operating costs, conducts on-site inspections, tests water for quality and chlorination levels, and trains local residents in the operation and maintenance of the system prior to turning it over to the community.

In 1981/82, water distribution and sewage collection mains were constructed in Wabowden to the "Point" sub-division. Banville Excavation, the contractor provided a total of 18 man months of employment for local residents.

This activity was delivered under contract by the Manitoba Water Services Board and the Manitoba Department of Northern Affairs. Expenditures of \$290,323.03 were cost-shared 60/40 between DREE and Manitoba.

Activity 2 Community Roads

This activity provides basic internal community access systems in communities under the jurisdictions of the Manitoba Department of Northern Affairs for the movement of people, goods and services. Components of the activity include roads, causeways, bridges, ferries, docks and the stockpiling of materials in preparation for these projects.

In 1981/82, work included some upgrading of the Norway House internal road system, construction of bridge approaches and the construction of a bridge over the east channel of the Nelson River linking West and Fort Islands.

The Norway House bridge, located immediately north of the Hudson Bay store, was designed and constructed as a single span, steel trussel bridge having a single lane 3.7 metres wide and 82.6 metres in length. The bridge was completed in November, 1981.

Contracts awarded for the construction of internal roads, approaches and the steel trussel bridge included:

1. Riverside Gravel: rock embankment and crushed aggregates,
2. Martel's Machine Shop: supply and fabrication of metal for bridge,
3. Tyndall Development Corp.: substructure and deck for bridge,
4. Dominion Bridge: supply, fabrication and erection of structural steel for bridge.

This project provided a total of 27,927 man-hours of labour. Approximately 11,893 or 42% of this labour was undertaken by northern residents.

The Department of Highways and Transportation incurred expenses of \$1,078,000.00 shared 60/40 between DREE and Manitoba.

PROGRAM

INDIAN RESERVE COMMUNITY SERVICES

In 1977/78, the Department of Indian Affairs and Northern Development (DIAND) identified as a priority the placement of new or improved potable water systems in northern Indian communities. Using the principle of "worst first", a priority list of communities was established by DIAND and the Manitoba Regional Office of Medical Services Branch. After the communities were identified, installation cost estimates proved to be much higher than anticipated. In order to meet the requirements for safe water activities, funds were transferred from other activities within the Indian Reserve Community Services Program, principally Community Planning and Waste Disposal Activities. These changes are reflected in the accompanying displays. Note that all expenditures displayed for each activity are those claimed under the Northlands Agreement only.

Project 1. Community Infrastructure Support Services

The objective of this project is to provide northern Indian communities with technical advice, maps and financial assistance to undertake their own comprehensive community planning.

In 1981/82, expenditures were directed to community planning only. No mapping or geotechnical land use studies, the other two activities in this project, were undertaken during the year.

Activity 1 Community Planning

The Community Planning activity is designed to assist communities in assuming the responsibility of planning their own development. The objective is to provide technical and financial resources, upon request, to all interested northern Indian communities.

Community Planning is a multi-disciplinary process designed to provide a framework for long-range comprehensive programs and policies; to determine the most efficient and effective use of financial, human and natural resources; and to encourage local government by providing an opportunity to formulate a strategy for community development.

In 1981/82, expenditures for this activity were \$20,000. These costs were shared 60.40 between DREE and DIAND. See Table B.11

TABLE B.11
INDIAN RESERVE COMMUNITY SERVICES/
COMMUNITY PLANNING - 1981/82

BAND/COMMUNITY	DESCRIPTION	CONTRACTOR	EXPENDITURE
Norway House	The development of a conceptual plan for the Sea River Falls sub-division at Norway House. The work included: aerial photography, contour mosaics, preliminary cost estimates for road, sewer and water servicing.	R. J. Burnside and Associates Ltd.	\$20,000.00

Project 2 Community Infrastructure Services/Safe Water Supply Systems

The objective of this project is to provide one or more sources of potable water with a rudimentary delivery system to northern Indian communities.

In 1981/82, total expenditures were \$1,976,290.00 cost-shared 60/40 between DREE and DIAND.

During the year, these activities related to studies to identify potential sources of water and to recommend system types; to the design and construction of potable water systems entailing intake pipes, wells, pumphouses and treatment systems; distribution systems (standpipes or truck delivery); and other features related to the supply of safe water. The results of these activities are displayed in Table B.12

TABLE B.12
INDIAN RESERVE COMMUNITY SERVICES/
SAFE WATER SUPPLY SYSTEMS - 1981/82

BAND/COMMUNITY	DESCRIPTION	CONTRACTOR	EXPENDITURE
Berens River	Construction of a water supply system with intakes, pumphouses, treatment plant, filling points and garage for water delivery truck. The water study, design and cost estimate was completed in 1979/80 for \$15,000. The site work, intake line, pumphouse and garage were completed in 1981/82. The whole project will be completed in 1982/83 for a total cost of \$770,000.00.	Band	\$163,590.00
Crane River	Construction of a water supply system with a pumphouse and treatment plant with truck delivery to individual homes. Project was completed in the fiscal year 1981/82 for a total cost of \$184,000.00.	Band	\$184,000.00

Continued

TABLE B.12 cont'd
 INDIAN RESERVE COMMUNITY SERVICES/
 SAFE WATER SUPPLY SYSTEMS - 1981/82

BAND/COMMUNITY	DESCRIPTION	CONTRACTOR	EXPENDITURE
Gods Lake Narrows	Construction (over a four year period) of two water systems to serve the two sections of the community. This consists of two pumphouses with intake, facilities for treatment, water mains, bleeder lines and stand-pipes. The system was completed in 1981/82 with an expenditure of \$221,953 for a total project cost of \$1,521,970.00.	Band	\$221,953.00
Lac Brochet	The design of a safe water supply system for the community which includes intake, pumphouse, treatment plant, heated garage and water delivery truck.	I.D. Engineering	\$31,340.00
Nelson House	Purchase of a water delivery/fire truck for the community which can be used for the dual purpose of water delivery with a fire-fighting capacity. The total project cost was \$3,500.00 for the down payment and the truck will be delivered in 1982/83.	Band	\$ 3,500.00
Oxford House	Construction of a heated garage, enlargement of the pumphouse to increase capacity of the system and supplying three water delivery trucks. Expenditures in 1981/82 were \$390,000.00. The system will be completed in 1982/83 for a total project cost of \$485,000.00.		
Poplar River	Construction of a water supply system which consists of an intake line, treatment plant, heated garage and water delivery truck. Phase II of the four year project was completed, 1981/82, at a cost of \$147,500.00. The total project (which includes a community road, displayed under the Internal Transportation Project) will be completed in its entirety in 1982/83 for a total cost of \$1,807,200.00.	Band	\$147,500.00

TABLE B.12 cont'd
 INDIAN RESERVE COMMUNITY SERVICES/
 SAFE WATER SUPPLY SYSTEMS - 1981/82

BAND/COMMUNITY	DESCRIPTION	CONTRACTOR	EXPENDITURE
St. Theresa Point	The increase of the capacity of the existing pumphouse and treatment plant and the replacement and extension of an existing water distribution line. The project was completed for a total cost of \$764,000.00.	Band	\$749,000.00
Shoal River	The design of a safe water supply system which includes intake, pumphouse, treatment plant and water delivery. The design and estimate is completed and a system will be constructed when funding becomes available.	Topnick & Associates Ltd.	\$12,662.00
Wasagamack	Construction of a water fill point, the supply of a water delivery truck and water containers for community homes.	Band	\$72,745.00
TOTAL			\$1,976,290.00

NOTE: Expenditure displayed in column 4 are those amounts claimed under the Northlands Agreement for 1981/82.

Project 3 Community Infrastructure Services/Waste Disposal Facilities

The objective of this project is to develop and provide facilities for the disposal of wastes in northern Indian communities. Activities include the design to upgrade and expand existing lagoons and plants, or to construct waste disposal facilities such as lagoons, sewage collection and treatment systems, incinerators, landfill sites, etc.

In 1981/82, total expenditures were \$27,500.00 shared 60/40 between DREE and DIAND.

Activity during 1981/82 was limited to the clearing and construction of two sanitary landfill disposal sites as displayed in Table B.13.

TABLE B.13
INDIAN RESERVE COMMUNITY SERVICES/
WASTE DISPOSAL FACILITIES - 1981/82

BAND/COMMUNITY	DESCRIPTION	CONTRACTOR	EXPENDITURE
Oxford House	Construction of a community sanitary landfill disposal site.	Band	\$19,000.00
Red Sucker Lake	Clearing for community sanitary landfill disposal site.	Band	\$ 8,500.00
TOTAL			\$27,500.00

Project 4 Community Infrastructure Services/Fire Prevention and Protection

This project continued to emphasize the need to reduce the needless loss of life and property from fire on Indian Reserves. In 1981/82, expenditures were \$377,042.05 shared 60/40 between DREE and DIAND.

The project is developed by the Regional Fire Safety Officer and staff in consultation with Band Chiefs and Councils. It is designed for application on northern Indian Reserves but is applicable, with minor variations, to all Manitoba Indian Reserves.

The following components are included in this project:

1. Fire prevention awareness
2. Fire extinguisher training and placement
3. Provision and placement of smoke detectors in residences
4. Provision and placement of portable and/or mobile fire-fighting equipment in communities (i.e. pumps, water trailers, combination water delivery/fire trucks and auxiliary equipment)
5. Equipping and training volunteer fire-fighters. Basic training is conducted on-Reserve and advanced training at various locations in the Province, i.e. Manitoba Fire College at Brandon
6. Provision and installation of "alerting" systems
7. Adoption, by the Band, of a fire safety budget
8. Adoption, by the Band, of a fire protection code
9. Inclusion of equipment and training for fighting forest fires which threaten a community.

The long-range goals for the project continue to be (a) The control by Indian Bands of all fire safety requirements and (b) A reduction in annual fire losses. In 1981/82, a continuing effort was made to bring the "fire safety" message to as many communities as possible.

A further aspect of the project in 1981/82 was the establishment of a working arrangement with the Offices of Provincial Northern Affairs and Fire Commissioner. This arrangement allows for utilization of respective field staffs in formulating total community training programs. By this arrangement Volunteer Fire Department Provincial standard for towns and villages will be used on Indian Reserves. It also provides access to Manitoba Fire College facilities in Brandon and Thompson for theory and practical training.

The "Learn Not To Burn", (LNTB) School Curriculum which was introduced last year is continuing.

TABLE B.14
INDIAN RESERVE COMMUNITY SERVICES/
FIRE PREVENTION/PROTECTION - 1981/82

ACTIVITY	EXPENDITURES
Fire Fighting Equipment	\$197,225.01
Training Aids	\$ 3,146.56
Staff salaries, travel, accomodations and	
Volunteer Fire Department Training	\$122,831.69
Community Fire Protection (Forestry Equipment)	\$ 53,838.79
TOTAL	\$377,042.05

TABLE B.15
 INDIAN RESERVE COMMUNITY SERVICES/
 FIRE PREVENTION/PROTECTION - 1981/82

"AWARENESS" PROGRAM

BAND/COMMUNITY	HOME INSPECTIONS	SCHOOL VISITS	TOTAL VISITS
Brochet	10	-	2
Cross Lake	20	1	2
Garden Hill	30	1	4
Gods Lake	52	1	4
Gods River	15	1	2
Little Black River	-	4	4
Nelson House	38	-	5
Lac Brochet	28	1	2
Norway House	30	1	4
Oxford House	15	-	1
Pukatawagan	25	1	3
Red Sucker Lake	46	1	2
Shamattawa	22	1	2
Shoal River	10	-	2
St. Theresa Point	59	1	3
Split Lake	30	2	3
The Pas	62	-	4
Wasagamack	22	1	2
TOTAL	514	17	51

A further aspect of the project in 1981/82 was the establishment of a working arrangement with the Offices of Provincial Northern Affairs and Fire Commissioner. This arrangement allows for utilization of respective field staffs in formulating total community training programs. By this arrangement Volunteer Fire Department Provincial standard for towns and villages will be used on Indian Reserves. It also provides access to Manitoba Fire College facilities in Brandon and Thompson for theory and practical training.

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FIRE PREVENTION/PROTECTION - 1981/82

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 FIRE PREVENTION/PROTECTION - 1981/82

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Brochet	10	-	2
Cross Lake	20	1	2
Garden Hill	30	1	4
Gods Lake	52	1	4
Gods River	15	1	2
Little Black River	-	4	4
Nelson House	38	-	5
Lac Brochet	28	1	2
Norway House	30	1	4
Oxford House	15	-	1
Pukatawagan	25	1	3
Red Sucker Lake	46	1	2
Shamattawa	22	1	2
Shoal River	10	-	2
St. Theresa Point	59	1	3
Split Lake	30	2	3
The Pas	62	-	4
Wasagamack	22	1	2
TOTAL	514	17	51

TABLE B.16
 INDIAN RESERVE COMMUNITY SERVICES/
 FIRE PREVENTION/PROTECTION - 1981/82

FIRE EXTINGUISHER TRAINING AND PLACEMENT, SMOKE DETECTOR INSTALLATION

BAND/COMMUNITY	FIRE EXTINGUISHER	RECHARGE POWDER	CARTRIDGES	TOOL KIT	SMOKE DETECTOR
Easterville					55
Dauphin River	30	3	3	1	32
Fairford	165	16		1	
Garden Hill					246
Jackhead	35	4	4		36
Lake St. Martin	110	11		1	
Little Saskatchewan	40	5		1	36
Oxford House					156
Pine Creek	65	7	7	1	72
Red Sucker Lake					72
Shoal River (Pelican Rapids)	60	2	6	1	69
Shoal River (Indian Birch)	20	1	2	1	
St. Theresa Point	180	25	20		
Wasagamack					127
TOTAL	765	80	42	7	901

TABLE B.17
 INDIAN RESERVE COMMUNITY SERVICES/
 FIRE PREVENTION/PROTECTION - 1981/82
PORTABLE/MOBILE EQUIPMENT : VFD TRAINING

BAND/COMMUNITY	EQUIPMENT TYPE	VFD TRAINING & EQUIPMENT (SUMMARY)
Berens River	1 water truck w/fire-fighting capabilities	Training for 1982/83
Bloodvein	1 water truck w/fire-fighting capabilities	Training for 1982/83
Dauphin River	2 portable pumps	1980/81 - 8 persons trained
Hollow Water	1 trailer pump & 1 water truck w/fire-fighting capabilities	1980/81 - 8 persons trained
Norway House	2 water trucks w/fire-fighting capabilities	1980/81 - 12 persons trained
Oxford House	1 water truck w/fire-fighting capabilities	Training for 1982/83
Poplar River	1 water truck w/fire-fighting capabilities	Training for 1982/83
Red Sucker Lake	1 portable pump	Training for 1982/83
Shamattawa	1 water truck w/fire-fighting capabilities	Training for 1982/83
St. Theresa Pt.	1 portable pump	Training for 1982/83
The Pas		1980/81 - 12 persons trained
Wasagamack	1 portable pump & 1 water truck w/fire fighting capabilities	Training for 1982/83
York Landing	1 trailer pump	Training for 1982/83

TABLE B.18
 INDIAN RESERVE COMMUNITY SERVICES/
 FIRE PREVENTION/PROTECTION - 1981/82
 COMMUNITY PROTECTION - FOREST FIRES

BAND/COMMUNITY	EQUIPMENT TYPE	TRAINING SCHEDULED
Barren Lands	portable pumps & ancillary equipment	1982/83
Churchill	portable pumps & ancillary equipment	1982/83
Gods Lake	portable pumps & ancillary equipment	1982/83
Gods River	portable pumps & ancillary equipment	1982/83
Hollow Water	portable pumps & ancillary equipment	1982/83
Northlands	portable pumps & ancillary equipment	1982/83
Norway House	portable pumps & ancillary equipment	1982/83
Red Sucker Lake	portable pumps & ancillary equipment	1982/83
St. Theresa Point	portable pumps & ancillary equipment	1982/83

This phase of the Fire Safety Program was introduced in 1981/82. The activity thus far has centered on the purchase and distribution of portable equipment to fight forest fires and the utilization of Provincial Natural Resources personnel to provide basic training for community volunteers.

Project 5 Community Infrastructure Services/Internal Transportation

The objective of this project is to provide internal transportation services in northern Indian communities which will facilitate the better movement of people and goods and improve general public services. Activities include the design and construction of internal transportation works such as new roads, upgrading of existing roads, bridges, causeways and docks.

In 1981/82, total expenditures were \$2,510.00 shared 60/40 between DREE and DIAND.

Details of activities are displayed in Table B.19.

TABLE B.19
INDIAN RESERVE COMMUNITY SERVICES/
INTERNAL TRANSPORTATION - 1981/82

BAND/COMMUNITY	DESCRIPTION	CONTRACTOR	EXPENDITURE
Garden Hill	The construction and upgrading of 14.4 km of internal road. This section of road was completed in 1981/82.	Band	\$739,700.00
Gods River	The construction of 5.1 km of new internal road. The project was completed 1981/82 for a cost of \$159,000.00. The total project which was commenced in 1977/78 cost \$261,500 using additional DIAND funds.	Band	\$159,000.00
Little Grand Rapids	The construction of access roads to homes for the purpose of safe water delivery. This will complete the project commenced in 1977/78 for the purpose of supplying potable water. Total completion cost is \$465,040.00	Band	\$ 18,360.00

Continued

TABLE B.19 cont'd
 INDIAN RESERVE COMMUNITY SERVICES
 INTERNAL TRANSPORTATION - 1981/82

BAND/COMMUNITY	DESCRIPTION	CONTRACTOR	EXPENDITURE
Norway House	The reconstruction of 6 km of internal road. The work will be completed in 1982/83 for a total cost of \$987,000.00	Band	\$523,300.00
Poplar River	Construction of a new internal road for the purpose of delivering portable water to homes. This project is combined under one contract with the water supply system. The entire project will be completed in 1982/83 for a total cost of \$1,807,200.00	Band	\$536,900.00
St. Theresa Point	The construction of 3.2 km of a new internal road.	Band	\$216,000.00
Split Lake	The design and construction of 8 km of new internal road. This project was completed in 1981/82.	Smook Brothers	\$316,800.00
TOTAL			\$2,510,060.00

NOTE: Expenditures displayed in column 4 are those amounts claimed under the Northlands Agreement for 1981/82.

Project 6 Community Infrastructure Services/Multi-Purpose Facilities

There were no expenditures in support of this project in 1981/82.

SECTOR C

TRANSPORTATION AND COMMUNICATION

The objective of this sector, as stated in the Agreement, is:

to move toward providing reliable and reasonable access to all northern remote communities for the transportation of people, goods and services, and further to ensure the provision of communications infrastructure to increase the participation of people in community, provincial and national affairs.

Sector C consists of two programs, Surface Transportation and Remote Airstrip Improvement.

PROGRAM SURFACE TRANSPORTATION

This program is designed to provide year-round surface access to remote northern Manitoba communities in order to facilitate the movement of people, goods and services, both on a community and regional basis. Road construction projects under the Surface Transportation program are cost-shared 30/30/40 between DREE, Transport Canada and Manitoba. Where water crossing facilities are required, costs are shared 60/40 between DREE and the Province.

During 1981/82, work was undertaken on two projects:

- (1) Thompson-Split Lake Road Project
- (2) Jenpeg-Cross Lake-Norway House Road Project.

These roads are being constructed or upgraded to provincial Department of Highways Design Standard (HDS) 09. Department of Highways Design Standards are displayed on Table C.1.

TABLE C.1
 PROVINCIAL ROADS DESIGN STANDARDS
 DEPARTMENT OF HIGHWAYS

HIGHWAYS DESIGN STANDARD			04		05		09	
ESTIMATED 20-YEAR ANNUAL AVERAGE DAILY TRAFFIC			400-800		200-400		UNDER 100	
NUMBER OF LANES			TWO-LANE		TWO-LANE		TWO-LANE	
TERRAIN			Flat	Other	Flat	Other	Flat	Other
Design Speed - MPH			70	60	70	60	50	50
Curvature-Maximum Degree			3	4	2	5	6	9
Gradient-Maximum Percent			3	6	3	7	5	8
Stopping Sight Distance-Feet			600	475	600	475	475	350
Passing Sight Distance-Feet ⁽¹⁾			2300	2000	2300	2000	2000	1700
SURFACE TYPE			ASPHALT		ASPHALT		GRAVEL	
Lane Width-Feet			12	12	11	11	N.A.	N.A.
Shoulder Width-Feet			6	6	4	4	N.A.	N.A.
Roadbed Width-Feet			variable	variable	34	34	24	24
Right-of-Way-Feet			200	200	150	150	130	130
STRUCTURE	Clear Width (feet)	Under 99' Long	40	40	30	30	24	24
		Over 99' Long	30	30	24	24	24	24
	Loading		ALL H 20 - S 16 - 44					
	Vertical Clearance		All 16 FEET					

NOTE: In general, these standards are minimum, to be improved when feasible, but to be lowered when heavy economic penalty results.

(1) Passing sight distance should be available on a minimum of 20 percent of any one mile, and a minimum of 50 percent of any ten miles.

Project 1 Thompson-Split Road

This project was undertaken to provide all-weather surface access between the City of Thompson and the community of Split Lake. During construction of the road link between the two communities, a ferry barge provided access between a navigable point at the junction of the Burntwood and Odei Rivers and the community of Split Lake. Upon completion of the road to mile 81, the marine vessel, the "M.V. Joe Keeper" was relocated to provide access from mile 81 to the communities of Split Lake and York Landing. Figure C.1 locates this project.

a) Road Construction: mile 78 to community of Split Lake

This component of the Thompson-Split Lake Road project included the construction of an access road from mile 78 to the ferry landing site in the community of Split Lake. A contract to Smook Bros. included clearing, grading, consolidation and environmental clean up of burrow pits along the road way. The access road, completed in July 1981, provided a total of 4,655 man-hours of employment. Forty-seven percent or 2,200 man-hours were local labour.

b) Orr Creek

This component of the project included the reconstruction of the road at mile 46, over Orr Creek. A contract was awarded to North Point Construction to install a special baffle culvert system in the roadway to allow fish in the area waters to pass up or down stream. The project required that the stream be temporarily relocated in order for construction to take place. After the baffle culverts were set in place, the roadway was backfilled and the water was routed back to its original stream bed. The road embankment was completed in July 1981.

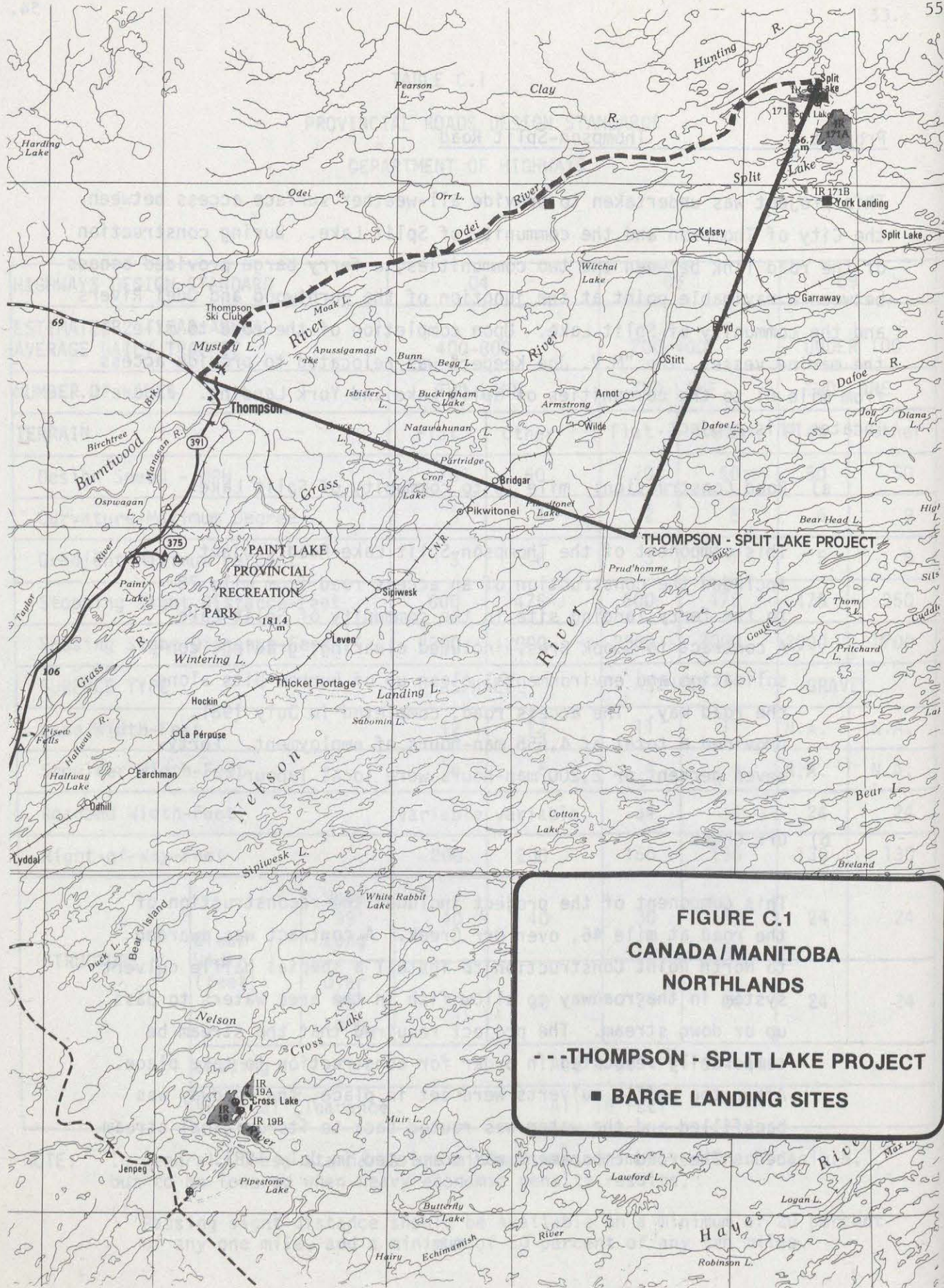


FIGURE C.1
CANADA / MANITOBA
NORTHLANDS

- - - THOMPSON - SPLIT LAKE PROJECT

■ BARGE LANDING SITES

Construction at Orr Creek provided a total of 5,857 man-hours of labour; 5,557 were northern, of these 1,987 were local.

The completion of these two components completes the Thompson-Split Lake Road project. During the 1981/82, the Department of Highways incurred expenses of \$346,744.63 which were shared 60/40 between DREE and Manitoba.

The marine vessel, the "M.V. Joe Keeper" is presently providing remote access to York Landing from the community of Split Lake.

Project 2 Jenpeg-Cross Lake-Norway House

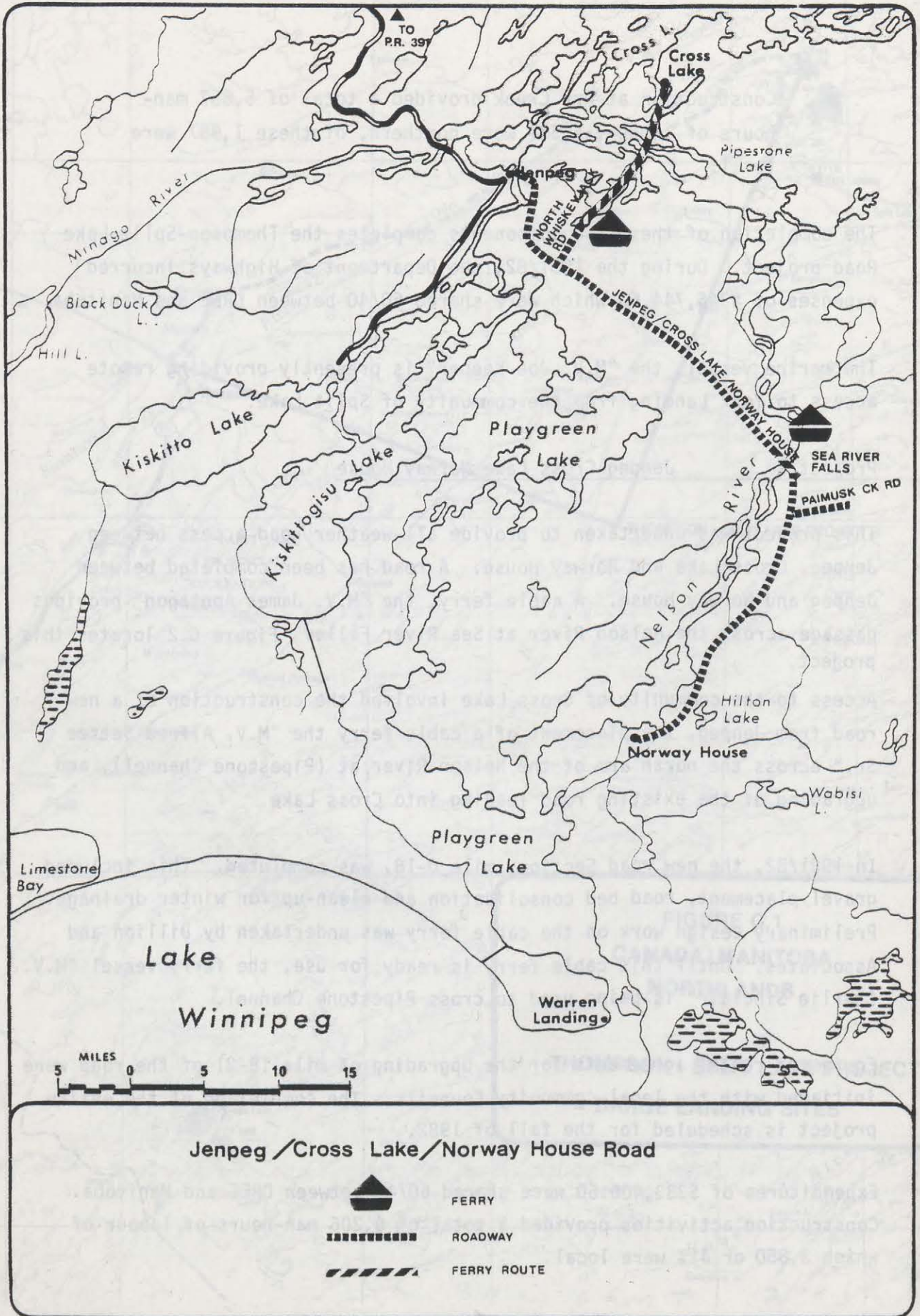
This project was undertaken to provide all-weather road access between Jenpeg, Cross Lake and Norway House. A road has been completed between Jenpeg and Norway House. A cable ferry, the "M.V. James Apetagon" provides passage across the Nelson River at Sea River Falls. Figure C.2 locates this project.

Access to the community of Cross Lake involved the construction of a new road from Jenpeg, the placement of a cable ferry the "M.V. Alfred Settee Sr." across the north arm of the Nelson River at (Pipestone Channel), and upgrading of the existing road leading into Cross Lake.

In 1981/82, the new road Section, mile 0-18, was completed. This included gravel placement, road bed consolidation and clean-up for winter drainage. Preliminary design work on the cable ferry was undertaken by Dillion and Associates. Until this cable ferry is ready for use, the ferry vessel "M.V. Charlie Sinclair" is being used to cross Pipestone Channel.

Equipment rental agreements for the upgrading of mile 18-21 of the road were initiated with the local community Councils. The completion of the entire project is scheduled for the fall of 1982.

Expenditures of \$333,406.60 were shared 60/40 between DREE and Manitoba. Construction activities provided a total of 9,206 man-hours of labour of which 3,850 or 41% were local.



PROGRAM 2 REMOTE AIRSTRIP IMPROVEMENT

This program provided for the construction and/or upgrading of all-weather reliable airstrips in northern Manitoba communities which did not possess alternate and/or adequate transportation facilities in order to improve the movement of people, goods and services.

The program included the construction and/or upgrading of airstrips to a class D. geometric standard, provision of capital equipment to maintain the facilities, installation of basic navigational equipment to improve reliability of use, and the provision of various ancillary facilities as required at particular sites.

Project 1 Airstrip Development and Upgrading

Since its inception this program has generated some 88 man-years of employment in northern Manitoba. Twelve of these were involved with management, administration and staff development. The remaining 76 staff man-year positions existed at the field level in functions identified with airport managers, equipment operators, flight service officers and airport service workers. Approximately 98% of the staff at the field level were locally recruited.

During 1981/82 approximately 114 man-months of employment were generated in construction of facilities in 10 communities. These sites are located on Figure 3.C.

This project was implemented by the Manitoba Department of Highways and Transportation. Individual sites constitute activities. In 1981/82 expenditures of \$1,144,404.00 were cost-shared 60/40 between DREE and Manitoba.

Table C.2 provides further details of activities undertaken through this project in 1981/82.

TABLE C.2

AIRSTRIIP DEVELOPMENT AND UPGRADING

Site	Actual Work Completed	Contractor					
			Total Number Employed	Total Northerners Employed	Number Skilled	Number Unskilled	Total Man-Month Employment
Berens River	Stockpiling 6739 cubic yards of gravel for runway consolidation.	Department of Highways	16	5	13	3	40
Bloodvein	Stockpiling traffic gravel (10,512.1 cubic yards)	Department of Highways	6	1	6	-	9
Ilford	Screening, loading, hauling and placing into stockpile and on airport roads, 6600 cubic yards of gravel.	Department of Highways	6	2	5	1	2.5
Island Lake	Stockpiling 4502 cubic yards of gravel (crushed rock). Sewer and water installation in terminal building.	A. J. Poetker & Assoc. D. Dufour Const.	15	7	8	7	37.5
Lac Brochet	2130 cubic yards of gravel screened for application to runway and access road.		1	1	-	1	2
Pikwitonei	Airport electrification; start-up costs; passenger shelter completed. Power and lighting distribution system installed; purchase of maintenance equipment.	Manitoba Hydro; Department of Highways	3.5	3.5	-	3.5	2.5
Pukatawagan	Stockpiling gravel for runway consolidation		7	-	7	-	7
Red Sucker Lake	Stockpiling gravel for runway consolidation		10	1	9	1	11.5
St. Theresa Point	Grading and stockpiling 2724.8 cubic yards of gravel.		Breakdown for each project was not available; total hours for projects, Island Lake and St. Theresa Point, are noted under the Island Lake project.				
Thicket Portage	Airport electrification; start-up costs; power and lighting distribution system installed; purchase of maintenance equipment.	Manitoba Hydro; Department of Highways	1.5	1.5	-	1.5	2
TOTAL			66.0	22.0	48.0	18.0	144.0

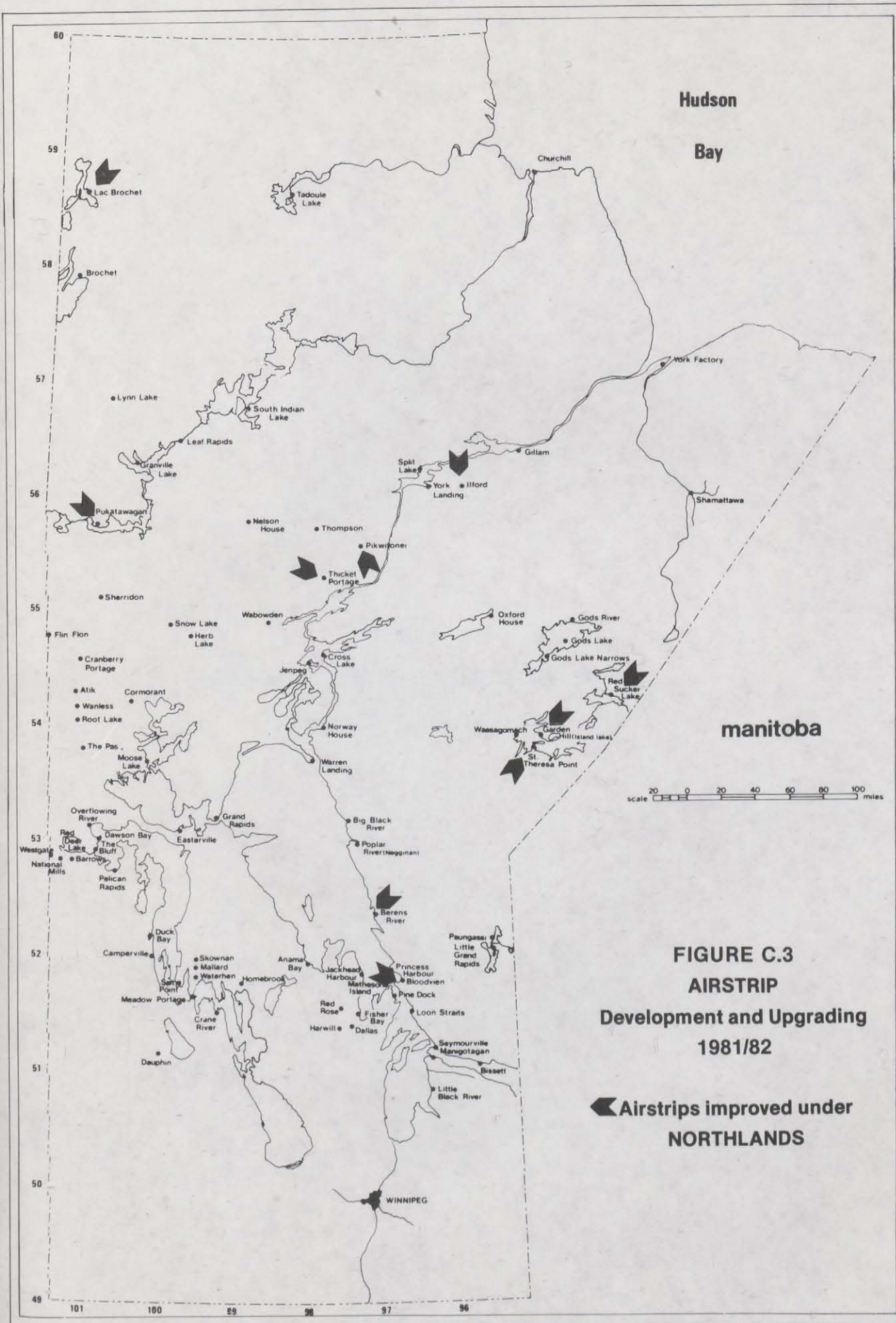


FIGURE C.3
AIRSTRIP
Development and Upgrading
1981/82

◀ **Airstrips improved under**
NORTHLANDS

APPENDIX A
CANADA/MANITOBA NORTHLANDS AGREEMENT
SUMMARY OF FINANCIAL FLOWS

APPENDIX A

CANADA/MANITOBA NORTHLANDS AGREEMENT - SUMMARY OF FINANCIAL FLOWS

SECTOR ALLOCATION (\$'000')	PROGRAM	PROJECT	81-82 TOTAL	EXPENDITURE					76-82 TOTAL EXPENDITURE	6-YEAR ALLOCATION	BALANCE OF ALLOCATION
				COSTS ALLOCATED BY DEPARTMENT							
				CEIC	TC	DIAND	DREE	MANITOBA			
"A"											
Resources and Community Economic Development	1. Resources Development & Employment	1. Park Development	5.0	--	--	--	3.0	2.0	2,314.2	2,314.2	0
		2. Forestry Initiatives	--	--	--	--	--	--	5,175.2	5,175.2	0
		3. Community Economic Development & Employment	7.6	--	--	--	4.6	3.0	930.6	930.6	0
	PROGRAM TOTAL		12.6	--	--	--	7.6	5.0	8,420.0	8,420.0	0
2. Community Economic Planning & Support	1. Community Economic Feasibility & Support Services	4.4	--	--	--	2.6	1.8	2,928.3	2,928.3	0	
	PROGRAM TOTAL		4.4	--	--	--	2.6	1.8	2,928.3	2,928.3	0
3. Regional Resource Development Planning	1. Regional Geological Reconnaissance Mapping		--	--	--	--	--	--	1,369.3	1,369.3	0
		2. Regional Resource Investigation	--	--	--	--	--	--	1,842.3	1,842.3	0
	PROGRAM TOTAL		--	--	--	--	--	--	3,211.6	3,211.6	0
SECTOR TOTAL			17.0	--	--	--	10.2	6.8	14,559.9	14,559.9	0

CANADA/MANITOBA NORTHLANDS AGREEMENT - SUMMARY OF FINANCIAL FLOWS

SECTOR ALLOCATION (\$'000')	PROGRAM	PROJECT	81-82 TOTAL	EXPENDITURE					76-82 TOTAL EXPENDITURE	6-YEAR ALLOCATION	BALANCE OF ALLOCATION
				COSTS ALLOCATED BY DEPARTMENT							
				CEIC	TC	DIAND	DREE	MANITOBA			
"B"											
Human Development and Community Services	1. Extension & Community Affairs	1. Extension & Community Affairs	500.0	--	--	--	300.0	200.0	7,699.9	7,699.9	0
	PROGRAM TOTAL		500.0	--	--	--	300.0	200.0	7,699.9	7,699.9	0
	2. Northern Manitoba Human Development Services	1. Northern Corporate & Community Based Enterprises	--	--	--	--	--	--	3,497.3	3,497.3	0
		2. Manpower Support Services	1,654.4	--	--	--	992.6	661.8	12,247.9	12,289.3	41.4
		3. Adult Professional Development	5,214.3	--	--	--	3,128.6	2,085.7	23,896.4	24,703.4	807.0
	PROGRAM TOTAL		6,868.7	--	--	--	4,121.2	2,747.5	39,641.6	40,490.0	848.4
	3. Manpower Development Services	1. Outreach	--	--	--	--	--	--	2,454.8	2,968.0	513.2
		2. LEAP	--	--	--	--	--	--	2,548.0	2,548.0	0
		3. IPD	--	--	--	--	--	--	5,400.0	5,400.0	0
		4. ITES	--	--	--	--	--	--	1,467.7	2,000.0	532.2
	PROGRAM TOTAL		--	--	--	--	--	--	11,870.0	12,916.0	1,045.5

CANADA/MANITOBA NORTHLANDS AGREEMENT - SUMMARY OF FINANCIAL FLOWS

SECTOR ALLOCATION (\$'000')	PROGRAM	PROJECT	81-82 TOTAL	EXPENDITURE					76-82 TOTAL EXPENDITURE	6-YEAR ALLOCATION	BALANCE OF ALLOCATION
				COSTS ALLOCATED BY DEPARTMENT							
				CEIC	TC	DIAND	DREE	MANITOBA			
"B"											
Human Development & Community Services (continued)	4. Northern Community Services	1. Community Infrastructure Support Services	1.5	--	--	--	.9	.6	2,014.2	2,014.2	0
		2. Community Infrastructure Services	1,368.3	--	--	--	821.0	547.3	13,935.8	13,935.8	0
		PROGRAM TOTAL	1,369.8	--	--	--	821.9	547.9	15,950.0	15,950.0	0
	5. Indian Reserve Community Services	1. Community Infrastructure (Planning)	52.7	--	--	21.1	31.6	--	891.0	891.0	0
		2. Community Infrastructure Support Services (Eng. & Arch.)	--	--	--	--	--	--	--	10.0	10.0
		3. Safe Water Supplies	1,863.7	--	--	790.5	1,073.2	--	8,625.5	8,693.0	67.5
		4. Waste Disposal Facilities	27.5	--	--	11.0	16.5	--	303.2	303.2	0
		5. Fire Protection/Prevention	377.0	--	--	150.8	226.2	--	1,005.8	1,035.3	29.5

CANADA/MANITOBA NORTHLANDS AGREEMENT - SUMMARY OF FINANCIAL FLOWS

SECTOR ALLOCATION (\$'000')	PROGRAM	PROJECT	81-B2 TOTAL	EXPENDITURE					76-B2 TOTAL EXPENDITURE	6-YEAR ALLOCATION	BALANCE OF ALLOCATION
				COSTS ALLOCATED BY DEPARTMENT							
				CEIC	TC	DIAND	DREE	MANITOBA			
"B"											
Human Development and Community Services (continued)	5. Indian Reserve Community Services	6. Internal Transportation Services	2,510.1	--	--	1,004.0	1,506.1	--	6,876.2	7,226.4	350.2
		7. Multi-Purpose Facilities	--	--	--	--	--	834.1	B34.1	--	
		8. Unallocated	--	--	--	--	--	--	--	--	
	PROGRAM TOTAL		4,831.0	--	--	1,977.4	2,853.6	--	18,535.8	18,993.0	457.2
SECTOR TOTAL			13,569.5	--	--	1,977.4	8,096.7	3,495.4	93,697.3	96,048.9	2,351.6
"C"											
Transportation and Communication	1. Surface Transportation	1. Thompson-Split Lake	346.7	--	--	--	208.0	138.7	7,868.2	7,971.4	103.2
		2. Easterville Road	--	--	--	--	--	--	2,698.7	2,711.0	12.3
		3. Jenpeg-Cross Lake-Norway House	333.4	--	--	--	200.0	133.4	12,618.0	13,390.6	772.6
		4. Moose Lake Road	--	--	--	--	--	--	2,968.2	2,968.2	0
		5. Pre-Engineering and Design	--	--	--	--	--	--	629.3	629.3	0
		6. PR 327 Easter-ville Road	--	--	--	--	--	--	1,612.1	1,599.8	(12.3)

CANADA/MANITOBA NORTHLANDS AGREEMENT - SUMMARY OF FINANCIAL FLOWS

SECTOR ALLOCATION (\$'000')	PROGRAM	PROJECT	81-82 TOTAL	EXPENDITURE					76-82 TOTAL EXPENDITURE	6-YEAR ALLOCATION	BALANCE OF ALLOCATION
				COSTS ALLOCATED BY DEPARTMENT							
				CEIC	TC	DIAND	DREE	MANITOBA			
"C"											
Transportation and Communication (continued)	1. Surface Transportation	7. Watsko Lake to Hughes Lake	--	--	--	--	--	--	3,168.2	3,170.0	1.8
		8. PTH 10 - Reed Lake	--	--	--	--	--	--	2,414.0	2,414.0	0
		9. Wabowden to Soab Lake	--	--	--	--	--	--	4,862.6	4,890.0	27.4
		10. Thompson Airport to Pipe Lake Mine Road	--	--	--	--	--	--	3,403.4	3,422.3	18.9
		11. Unallocated	--	--	--	--	--	--	--	--	--
	PROGRAM TOTAL		680.1	--	--	--	408.0	272.1	42,242.7	43,166.6	923.9
	2. Remote Airstrip Improvement	1. Airstrip Development & Upgrading	1,144.4	--	--	--	686.6	457.8	5,848.3	5,848.3	0
	PROGRAM TOTAL		1,144.4	--	--	--	686.6	457.8	5,848.3	5,848.3	0
SECTOR TOTAL			1,824.5	--	--	--	1,094.6	729.9	48,091.0	49,014.9	923.9

CANADA/MANITOBA NORTHLANDS AGREEMENT - SUMMARY OF FINANCIAL FLOWS

SECTOR ALLOCATION ('\$'000')	PROGRAM	PROJECT	81-82 TOTAL	EXPENDITURE					76-82 TOTAL EXPENDITURE	6-YEAR ALLOCATION	BALANCE OF ALLOCATION
				COSTS ALLOCATED BY DEPARTMENT							
				CEIC	TC	DIAND	DREE	MANITOBA			
"D"											
Co-ordination and Pilot Action Research	1. Co-ordination and Adminis- tration	1. Co-ordination and Adminis- tration	--	--	--	--	--	--	2,078.3	2,078.3	0
	<u>PROGRAM TOTAL</u>		--	--	--	--	--	--	2,078.3	2,078.3	0
	2. Pilot Action Research	1. Pilot Action Research	--	--	--	--	--	--	1,149.0	1,223.3	74.3
	<u>PROGRAM TOTAL</u>		--	--	--	--	--	--	1,149.0	1,223.3	74.3
SECTOR TOTAL			--	--	--	--	--	--	3,227.3	3,301.6	74.3
AGREEMENT TOTALS			15,411.0	--	--	1,977.4	9,201.5	4,232.1	159,575.5	162,925.3	3,349.8

NOTE: Expenditure displayed do not reflect audit adjustments

APPENDIX B

IMPLEMENTING DEPARTMENTS

IMPLEMENTING PROVINCIAL DEPARTMENTS*SECTOR A

Parks Infrastructure Development
and Planning

Department of Natural Resources,
3rd floor, 200 Vaughan Street,
Winnipeg, Manitoba.
Phone: 944-4413

Northern Gardening

Department of Agriculture,
59 Elizabeth Drive,
Thompson, Manitoba.
Phone: 778-4411

Community Wildlife Management

Department of Natural Resources,
Box 28, 59 Elizabeth Drive,
Thompson, Manitoba.
Phone: 778-4411

SECTOR B

Local Government and Community
Services

Department of Northern Affairs,
59 Elizabeth Drive,
Thompson, Manitoba.
Phone: 778-4411

Youth Travel

Department of Labour and Manpower,
693 Taylor Avenue,
Winnipeg, Manitoba.
Phone: 284-8240

4-H North

Department of Agriculture,
59 Elizabeth Drive,
Thompson, Manitoba.
Phone: 778-4411

Employment Services

Department of Labour & Employment Services,
8th floor - 401 York Avenue,
Winnipeg, Manitoba.
Phone: 944-4980

Family Support Services

Department of Health,
880 Portage Avenue,
Winnipeg, Manitoba.
Phone: 786-3436

New Careers

Department of Labour & Manpower,
5th floor - 213 Notre Dame Avenue,
Winnipeg, Manitoba.
Phone: 944-3161

* This listing reflects recent government reorganizations. For further information contact Provincial Co-Secretary, Canada/Manitoba Northlands Agreement, 920-405 Broadway Avenue, Winnipeg. Phone: 944-2509.

SECTOR B (Cont'd)

Brandon University Northern
Teacher Education Program

Department of Education,
Box 400 - 1200 Portage Avenue,
Winnipeg, Manitoba.
Phone: 786-0435

ACCESS Programs

Department of Education,
Box 400 - 1200 Portage Avenue,
Winnipeg, Manitoba.
Phone: 786-0435

Northern Community Planning

Department of Municipal Affairs,
14th floor - 405 Broadway Avenue,
Winnipeg, Manitoba.
Phone: 944-2531

Safe Water Supply

Department of Northern Affairs,
59 Elizabeth Drive,
Thompson, Manitoba.
Phone: 778-4411

Community Roads

Department of Northern Affairs,
59 Elizabeth Drive,
Thompson, Manitoba.
Phone: 778-4411

SECTOR C

Thompson-Split Lake Road

Department of Highways & Transportation,
16th floor - 215 Garry Street,
Winnipeg, Manitoba.
Phone: 944-3775

Jenpeg-Cross Lake-Norway House
Road

Department of Highways & Transportation,
16th floor - 215 Garry Street,
Winnipeg, Manitoba.
Phone: 9443775

Airstrip Development and

Department of Highways & Transportation,
16th floor - 215 Garry Street,
Winnipeg, Manitoba.
Phone: 944-3775

IMPLEMENTING FEDERAL DEPARTMENTSSECTOR B

Community Infrastructure Support Services	Department of Indian Affairs, 1100-275 Portage Avenue, Winnipeg, Manitoba. Northlands Officer, Phone: 949-3228
Community Infrastructure Services/Safe Water Supplies	Department of Indian Affairs, 1100-275 Portage Avenue, Winnipeg, Manitoba. Northlands Officer, Phone: 949-3228
Community Infrastructure Services/Waste Disposal Facilities	Department of Indian Affairs, 1100-275 Portage Avenue, Winnipeg, Manitoba. Northlands Officer, Phone: 949-3228
Community Infrastructure Services/ Fire Protection/Prevention	Department of Indian Affairs, 1100-275 Portage Avenue, Winnipeg, Manitoba. Northlands Officer, Phone: 949-3228
Community Infrastructure Services/ Internal Transportation	Department of Indian Affairs, 1100-275 Portage Avenue, Winnipeg, Manitoba. Northlands Officer, Phone: 949-3228
Community Infrastructure Services/ Multi-Purpose Facilities	Department of Indian Affairs, 1100-275 Portage Avenue, Winnipeg, Manitoba. Northlands Officer, Phone: 949-3228

Note:

For information regarding the function of DREE (Department of Regional/Economic Expansion) in the co-ordination of the Canada/Manitoba Northlands Agreement, contact the Federal Co-Secretary at 949-3848.

