

LEG. FINANCE - BILLS

1977 - 1978

810

HB 793 cont.

510

velopment depends on five (5) factors that are inseparable and inter-related. Those are:

- a. Transportation
- b. Communications
- c. Identified natural resource in commercial quantities
- d. Increasing efficiency in the use, and conservation of, available energy supplies; and development of alternative energy sources
- e. Financing

Fish, timber and agricultural resources worldwide may be subject to rapidly increasing demands during the next five (5) years. Developing Interior Alaska's huge potential in these areas will depend absolutely on the identification and development of the most efficient, modern, and technologically advanced systems of transportation, communication and power generation. Finding these systems and devising ways of using them in Interior Alaska is the highest priority intermediate goal of the District.

The Future

Three Issues

- Alaska is rich in natural, human, and esthetic resources. Because of the very small market within Alaska, economic demand for these resources is now and will remain for the foreseeable future far beyond Alaska's borders.
- Devaluation of the dollar, detente, modern communication and transportation technology, and the shift in global economic power to energy rich nations has created radically new opportunities and potentially valuable economic relationships for Alaska throughout the world.
- Traditionally, Interior Alaskans have had little interest and insignificant collective commitment toward understanding and evaluating these global possibilities, and in consequence, determining what must be done here at home to take advantage of them.

The Long Term

1. Goal: In the belief that the greatest potential markets for Interior Alaska's natural resources lie beyond Alaska's borders, it is necessary to gain familiarity with the institutions, the personalities, and the nations who will play the major roles in the development of global commerce during the remaining decades of the 20th Century. In meeting this challenge, it is necessary to begin identifying global demand for Alaskan resources, and to begin identifying methods of supplying this demand in ways consistent with the attitudes of people living here.



Executive Committee Meeting - Fairbanks,
Doyon, Ltd., Board Room, June 29, 1977
photo wescott

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MANAGEMENT BY OBJECTIVES

Introduction

During the past two fiscal years, the Directors and staff of the Fairbanks Town and Village Association for Development, Incorporated, have developed what is called by most management professionals a "management by objectives" process.

Since beginning operations in October of 1972, the staff's most perplexing and most challenging management problem has been the translation of the general goals of the Association's Board of Directors into specific allocation of scarce administrative resources which must be used to achieve those goals.

While we believe we have had substantial success in this process, we must acknowledge that the management process by which this success has been achieved has been more chaotic than orderly, more crisis-oriented than organized, and more confusing than clear to the general public who must finally judge the value of our work.

Such a disorderly way of doing business is also confusing to the staff, the Directors and officials responsible for providing operating funds. Worse, it is very difficult, if not impossible, to see any connection between the original concept, and the final product of months of staff work.

Most importantly, without some kind of simple yardstick, it is impossible for anyone to measure progress in a tax supported program in terms of dollars, man hours, public support, or any other normal criteria used to compare the monetary costs of those programs in relation to their value to the people who are to be served.

We believe the management by objectives process will solve this serious problem for the Fairbanks Town and Village Association, and in the process, serve as a model for other private and public organizational efforts.

We believe, finally, that the expenditure of public funds is the public's business. We are establishing the management by objectives process so that the public can see, in detail, what we are doing and how we are spending the public's money.

We would like to thank George Rusch, Executive Director of the Central Upper Peninsula Planning and Development District of Michigan for his work in applying this process to the work of the economic development districts and explaining it to us.

Methodology

In the same way that a student prepared an outline of four or five

topics he wishes to discuss in a term paper, so the management by objectives process begins by preparing an outline of five or six general areas of work.

FIVAD has identified seven such general areas which we call "operational categories."

1. Transport Development
2. Community Facilities Development
3. Energy Conservation Programs
4. Petroleum Resource Policy
5. Human Resource Development
6. Renewable Resource Development
7. Community Information Service

Professional work on projects within each operational category is further divided into two functional orientations: "Programming" or planning and "Projects" or objectives.

Professional work utilizing the Association's administrative resources, and oriented toward "programming" is involved with information gathering, professional analysis, public involvement, and the preparation of findings, conclusions, and recommendations related to general and continuing economic conditions

within a geographic area, and without regard to a single or specific problem.

Professional work utilizing the Association's administrative resources, and oriented toward "projects" is involved with information gathering, professional analysis, public involvement and the preparation of findings, conclusions, and recommendations related to the solution of a specific problem, including construction of specific facilities.

Some examples may clarify the distinction between these two concepts.

The development of a strategy



Community meeting - Galena, 1975

photo helmar

for the Interior in resolving the economic problems associated with completion of the trans-Alaska pipeline is a "programming" function. The construction of a community hall in Tok, Alaska, on the other hand, is an "objectives" function.

Developing the financing for the Airframe and Powerplant Training Facility at Hutchison was a "projects" function; the recent forum entitled "Fairbanks and Interior Alaska, a One Day Community Forum on Growth," was a "programming" function.



*On the
Chilcoot
Trail to
Dawson*

*ralph
mackay
collection,
university
archives*

The purpose of the categories and functional orientations is to enable the professional staff to better carry out its primary responsibility... the initiation, implementation, and completion of "projects" selected by the Board of Directors of the Association.

"Projects" are selected by the Association's Board of Directors in a meeting normally held in March. The projects are organized in priority order by the Directors depending on the degree of importance the Directors collectively assign to them.

In this document, 58 projects and programs have been selected by the Directors for staff work during the coming year.

By fully utilizing the management by objectives approach, it will be possible for the staff to accurately measure progress in carrying out the day to day work of the Association, completing individual projects, and achieving long-run economic goals.

Measuring Techniques and Definitions

In order to make measurements of any kind, it is necessary to establish a numbering system and a system of "values."

These measuring techniques are established and defined as follows:

- a. Program Title: A brief series of words identifying the program.
- b. Responsible Officer: A member of the FTVAD professional staff

who is responsible for executing the actions required to successfully develop the program or project.

- c. Sponsor: The governmental agency, non-profit organization, municipality, etc. who assumes responsibility for a specific project and/or ownership and operating costs of the facility to be constructed.
- d. Key Word Code: Three words or less which most succinctly describe the program or project. For example, program 1.Pr.A. has a key word code of "Transport Development."
- e. Alphanumeric Code: Essentially, a project identification number composed of three elements: the operational category, whether it has a programming or project orientation, and whether it is priority or non-priority. For example, the first project appearing in operational category 1 in this document has an alphanumeric number of 1.Pr.A.
- f. Participants: The governmental agencies, non-profit organizations, municipalities, etc. who actively participate in compiling data and recommendations for a specific program.
- g. FTVAD Investment: The monetary value of FTVAD resources expended for a specific program or project as of July 1, 1977.
- h. Time Allocations: An estimate of the number of man/weeks* required by the responsible officer to complete work on a project.
- i. Project Costs: The costs of one man/week* multiplied by the number of man/weeks necessary to carry out the Association's responsibilities on a project.
- j. Anticipated Values: A brief outline of tangible and intangible benefits to be accrued by a community, the growth center, and/or the FTVAD region from a specific program or project.
- k. Supplemental Financing: The source(s) of funding to be committed for completion of a specific program or project.
- l.* Man/week: A unit of cost reflecting the use of a fixed percentage of all FTVAD financial and administrative resources by one professional staff member for one week. This is the Association's basic unit of cost measurement. Time allocations of less than one man/week are generally noted as "not significant." The derivation of the cost of a man/week is detailed in Note #1, page

The Committee Structure

At the March 25th meeting of the Association's Board of Directors, the staff recommended that the growing complexity of the Regional program demanded a much broader base of community expertise and public in-

volvement in specific projects and programs. The Board agreed and established several committees recommended by staff, as well as an ad hoc committee on manpower, chaired by Treasurer Bill Stringer, as a result of discussions of that issue by the Board during the meeting.

Most of these committees now have their full complement of members and are meeting regularly. Committee titles and names of members appear opposite the appropriate project description in the work program. With the concurrence of the Board, additional committees will be formed and appointed by staff as project activity demands.



*Left: Jerry Smetzer,
FTVAD Executive Director*



*Above: Christina
Kowalczewski, R.I.I.P.
Project Coordinator*

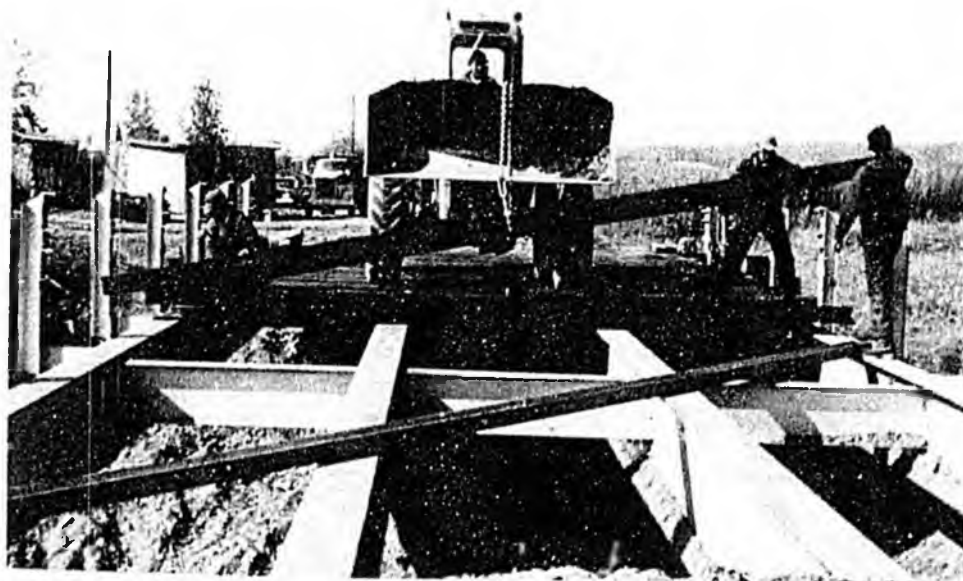


*Left: Rynniewa Wescott,
FTVAD Project Coordinator*

Fairbanks, December, 1976

photo helmar

WORK PROGRAM



*Local Service Roads and Trails Project -
Nulato, 1976*

*courtesy department of
transportation
and public
facilities*

CAPITAL IMPROVEMENTS AND TECHNICAL STUDIES
PROJECTS FOR INTERIOR ALASKA

In terms of short term impact on the community, one of the most important tasks of the Fairbanks Town and Village Association is the development of Public Works and Technical Studies projects for which federal, state, local and private financial assistance programs may be available.

Usually our role in project development brings us in contact with eligible sponsors and applicants for such assistance programs at the time a need for such a project is officially identified, and FTVAD assistance in securing financing is formally requested.

The need for public facilities and economic development related technical studies in the Interior of Alaska is far greater than the amount of assistance that is available for those purposes. Projects appearing in the Capital Improvements and Technical Studies section reflect the Association's judgment and recommendations about which of many needed projects will most effectively advance the development of the Interior's communities, and economic base.

A matching of possible FTVAD assistance with a sponsor's (usually a municipality, state or federal agency, or non-profit corporation) public works or technical study requirement is a function of the compatibility of FTVAD's long range program (the OEDP) with that of the sponsor. Corollary determinations must then be made and officially endorsed, first, to the effect that the specific project for which assistance is sought will advance those common goals; second, that there is a reasonable expectation that private, federal, local and/or state financing assistance is available for the specific Capital Improvements or Technical Studies project which is proposed; and third, that the sponsoring entity will appropriate funds and/or valuable services for matching purposes.

After these determinations are made, and the FTVAD Board has made its recommendations, the work begins on a formal application process. Without detailing the many requirements which must be satisfied before public funds can be disbursed for projects of this kind suffice it to say that the real test of skill in the business is making sure that the project can survive the multiple obstacles in the formal application process, and get into the arena where the final decisions are made on which among many well qualified projects will actually be favored with a grant.

Most of the projects which are listed within each of the seven operational categories of the OEDP are at some stage of discussion short of the primary determination on compatibility between FTVAD, a sponsor and user representatives. The remaining projects and programs obviously are not necessarily aimed at either technical studies or public facilities

construction, but at the more general regional planning processes which constitute the longer term aspect of our work.

Projects appearing in the Capital Improvements and Technical Studies section of the OMDP however, have evolved after many months, and in some cases, years of discussion and negotiation between FTVAD, prospective sponsors and ultimate users.

FTVAD staff does not recommend projects for inclusion in this section until we are satisfied that there are no major obstacles in the way of project financing; that commitments have been made by project sponsors to seek and manage financing; that assurances are received by user representatives that the project is needed and will be used; that representatives of financing agencies or institutions have provided assurances that the project satisfies, or can satisfy, all requirements for financing; and that total project cost estimates have been prepared.

Projects appear on this list only with the concurrence of the full Board of Directors of the Association in a regular meeting. As such the list represents a broadly based affirmation of need and expression of public support and regional priorities by the 31 Interior Alaskan members of the Board.

CAPITAL IMPROVEMENTS			Preliminary Estimated Cost
City of Fairbanks	Expansion of municipal water treatment and storage facilities	EDA Public Works Employment Act	\$5,000,000
State of Alaska	Water and sewer construction - Fairbanks International Airport	EPA; State of Alaska	6,000,000
Fairbanks Rehabilitation Association	Vocational Rehabilitation Center - Fairbanks	EDA Title I Public Works	980,000
State of Alaska Dept. of Highways	Local Service Roads Improvements - Shageluk	EDA Public Works Employment Act	300,000
State of Alaska Dept. of Highways	Local Service Roads Improvements - Grayling	EDA Public Works Employment Act	62,500
State of Alaska Dept. of Highways, Nome Dist.	Local Service Roads Improvements - Anvik, Holy Cross	EDA Title I Public Works	120,000

			Preliminary Estimated Cost
Fairbanks North Star Borough	Renovation of Swimming Pools	EDA Public Works Employ- ment Act	\$ 153,000
City of Fort Yukon	Fort Yukon Dock Facility		17,000
City of Stevens Village	Stevens Well House	EDA Public Works Employ- ment Act	
City of McGrath	McGrath Community Building	Federal EDA	183,000
City of Nenana	Government Center	EDA Public works Employ- ment Act	600,000
City of Anderson	Anderson Fire Station		75,000
City of North Pole	Street Lights & Side- walks	FNSB	17,000
City of Grayling	Warm Storage Building		
City of Nenana	Sewer-Water System	State DEC Federal EDA Federal FIS	4,500,000

TECHNICAL STUDIES

FTVAD	Capital Improvements Coordination; Rural Interior Alaska	State of Alaska	75,000
U of A; AES	Pump 9 Waste Heat	Federal EDA	85,000
State & Private Forestry	Pump 6 Waste Heat	Federal EDA	
Friends of the University of Alaska Museum & U of A Fairbanks	Museum Program and Facilities Develop- ment Assistance - Fairbanks	State of Alaska	
U of A; AES Minto Village Council	Minto Ag. Project	Federal FDA	

The order of appearance on the list does not necessarily reflect the overall priorities or preferences of the Board of Directors or the staff, except where financing is being sought for more than one project from the same financing source.

THE EXECUTIVE OFFICERS OF THE ASSOCIATION HEREBY AFFIRM THAT ALL TECHNICAL STUDIES AND PUBLIC FACILITIES PROPOSALS APPEARING ON THIS LIST HAVE BEEN APPROVED BY THE BOARD, AND ARE EQUALLY NECESSARY TO THE LONG RANGE ECONOMIC DEVELOPMENT OF INTERIOR ALASKA.

1s/ Arnold Barrakoff
President

1s/ William J. Stringer
Treasurer

1s/ A. W. Nelson
Vice President

1s/ G. L. Linger
Secretary

1s/ Mrs. M. O. Ellis
Executive Committee Member

1s/ James E. DeLo
Executive Committee Member

1s/ Paul S. Mac
Executive Committee Member

READER'S NOTES

READER'S NOTES



Above: Meeting the plane at Hughes

Right: Cargo and Executive Aircraft Fairbanks International Airport.

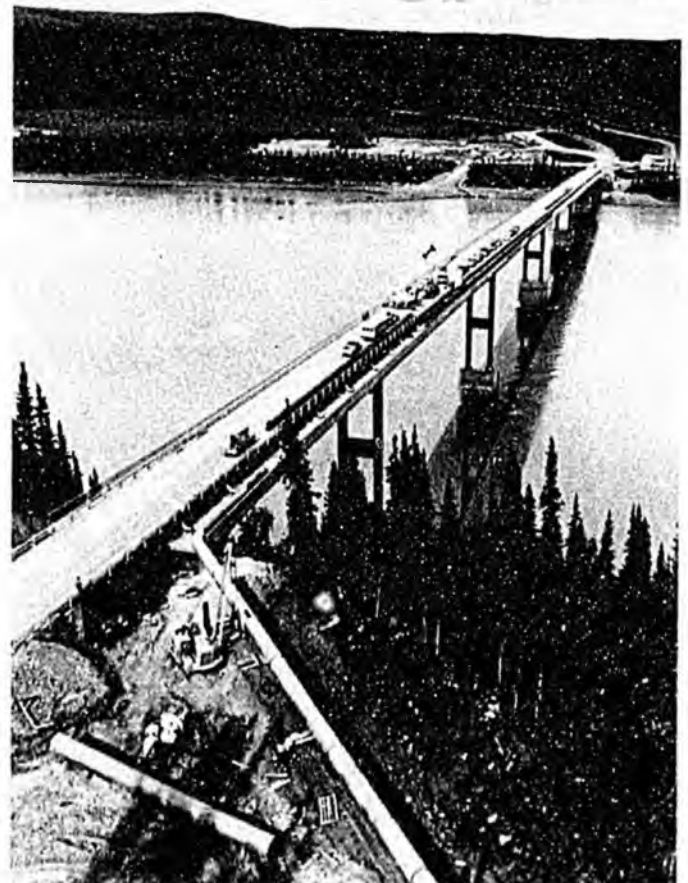
photos helmar



Category 1

TRANSPORT DEVELOPMENT

*Yukon Crossing
courtesy alyeska*



CATEGORY 1: TRANSPORT DEVELOPMENT

Supervisory Officer: Jerry Smetzer, Executive Director

Origin, Development and Status of Current Planning Effort:

Fairbanks has always considered itself the supply and service center for Interior and Northern Alaska. The development of improved transportation systems in these areas will always be a priority activity with the Directors of the Fairbanks Town and Village Association.

Interior and Northern Alaska rely almost entirely on aircraft for year round transport of goods, services and people. Air is supplemented by river and sea going barge operations during the few summer months. Within this category of activity therefore, our goal is to improve these two dominant modes.

Major Programs and Related Advisory Committees:

A. Regional Intermodal Transportation Development Program.

B. Fairbanks International Airport Development Program.

Fairbanks Metropolitan Airport Advisory Committee

1. Richard Wien
2. Bill Green
3. Chuck Meggitt
4. Anna Groff
5. Jim Rolle
6. Andy Karella, ad hoc

C. Rural Air Service Development Program.

Rural Air Service Advisory Committee

1. Jim Dodson, Ch.
2. Bob Magnuson
3. Jack Coghill
4. Spud Williams

D. Local Service Roads and Trails Program.

E. Interior Waterways Transportation Development Program.

Related Projects

1. Alaska Railroad Extension

Project Description

Page 62

Project Information Summary

Page 66

Capital Improvements Projects Currently Under Staff Investigation and Development:

PROJECT SPONSOR AND FTVAD CODE	PAGE REF.	PROJECT TITLE AND LOCATION	SOURCES OF SUPPLEMENTAL FINANCING	PRELIMINARY ESTIMATE: CONSTRUCTION COSTS
1. Private Industry <u>1.Pt.B.(1)</u>	62	Air Cargo Facility	Private Industry	
2. FNSB <u>1.Pt.B.(2)</u>	63	Terminal Sewer Line	State D.E.C. D.O.A. Federal E.P.A.	
3. State D.O.T.P.F. <u>1.Pt.D.(2)</u>	65	Shageluk Airport Road	State Federal L.P.W.	\$300,000.00
4. State D.O.T.P.F. <u>1.Pt.D.(3)</u>	65	Grayling Road	State Federal L.P.W.	
5. State D.O.T.P.F. <u>1.Pt.D.(4)</u>	65	Anvik & Holy Cross Roads	Federal E.D.A.	
6. City of Fort Yukon <u>1.Pt.E.(1)</u>	66	Ft. Yukon Dock Facility	State D.O.T. Div. of Waters & Harbors R.D.A.	

Technical Studies Projects Currently Under Staff Investigation and Development:

PROJECT SPONSOR AND FTVAD CODE	PAGE REF.	PROJECT TITLE AND LOCATION	SOURCES OF SUPPLEMENTAL FINANCING	PRELIMINARY ESTIMATE: TOTAL PROJECT COSTS
1. Office of the Governor <u>1.Pr.A.</u>	6.	Intermodal Transportation Planning and Development Program, Interior Alaska.	State of Alaska	

Projects and Program Descriptions:

MAJOR PROGRAM A

Program Title: Regional Intermodal Transportation Development Program

Responsible Officer: Jerry Smetzer, Executive Director

Key Word Code: Transport Development

Alphameric Code: 1.Pr.A.

Participants: Federal and state agencies with transportation related responsibilities.

FTVAD investment as of 7/1/77:

Anticipated Values:

- a. Closer public and private communication for intermodal policy making, system planning and facilities development.
- b. Reduction of system costs.
- c. Increase in private investment.

Supplemental Financing:

Time Allocation: 4 man/weeks

PROJECTS

Alaska Transportation Planning Council

Responsible Officer: Jerry Smetzer

Sponsor: State of Alaska, Office of the Governor

Key Word Code: ATPC

Alphameric Code: 1.Pr.A.(1)

Supplemental Financing: State of Alaska (Travel & Per Diem)

Time Allocation: 4 man/weeks

MAJOR PROGRAM B

Program Title: Fairbanks International Airport Development Program

Responsible Officer: Jerry Smetzer, Executive Director

Key Word Code: FAI Development

Alphameric Code: 1.Pr.B.

Participants: Div. of Aviation, City of Fairbanks, Fairbanks North Star Borough.

FTVAD investment as of 7/1/77:

Anticipated values:

- a. Development of public facilities.
- b. Improved service capability.
- c. Increase in private investment, and revenue generation.

Supplemental Financing: Fairbanks North Star Borough - \$10,000

Time Allocation: 3 man/weeks

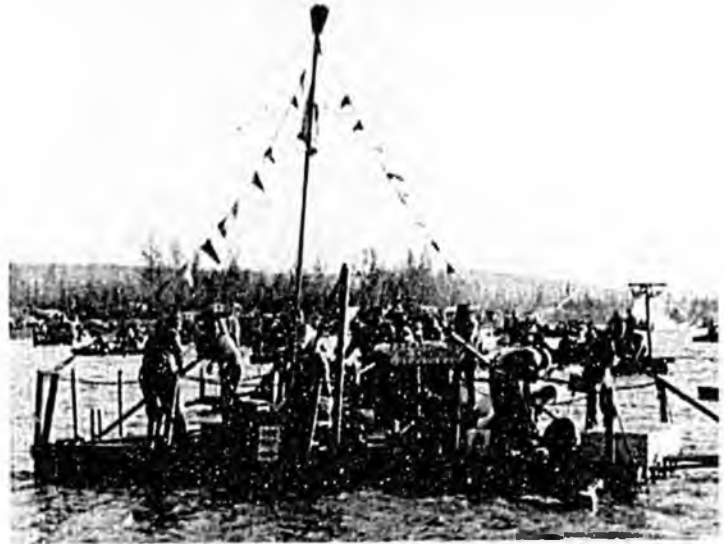
PROJECTS

1. Consolidated Intermodal Air Cargo Transfer and Storage Facility



Summer Transport -
Circle City

photo wescott



The raft race - Fairbanks, 1970

courtesy chamber of commerce

Responsible Officer: Jerry Smetzer

Sponsor: Private Industry

Key Word Code: Air Cargo Facility.

Alphameric Code: 1.Pt.B.(1)

Supplemental Financing: City of Fairbanks - \$5,000; State of
Alaska - \$15,000

Time Allocation: 2 man/weeks

2. Fairbanks International Airport Sewer Interceptor

Responsible Officer: Jerry Smetzer

Sponsor: Fairbanks North Star Borough

Key Word Code: Terminal Sewer Line

Alphameric Code: 1.Pt.B.(2)

Supplemental Financing:

Time Allocation: 2 man/weeks

3. Commercial Jet Fuel Supply and Servicing

Responsible Officer: Jerry Smetzer

Sponsor: Private Industry

Key Word Code: Jet Fuel Supply

Alphameric Code: 1.Pt.B.(3)

Supplemental Financing:

Time Allocation: 1 man/week

4. Promotion of "Over the Pole" Stopovers and Refueling at FAI

Responsible Officer: Jerry Smetzer

Sponsor:

Key Word Code: International Carrier Refueling

Alphameric Code: 1.Pr.B.(4)

Supplemental Financing:

Time Allocation: 2 man/weeks

5. Participation in Civil Aeronautics Board, and Alaska Trans-

portation Commission Proceedings which affect Interior Alaska's
Air Service
Responsible Officer: Jerry Smetzer
Sponsor:
Key Word Code: C.A.B., A.T.C.
Alphameric Code: 1.Pr.B.(5)
Supplemental Financing:
Time Allocation: 1 man/week

MAJOR PROGRAM C

Program Title: Rural Air Service Development Program
Responsible Officer: Rynniva Wescott, Project Coordinator
Key Word Code: Rural Air Service
Alphameric Code: 1.Pr.C.
Participants: F.A.A., D.O.A., Local Government
FTVAD investment as of 7/1/77:
Anticipated Values:
a. Basic airfield and nav. aid improvements in each community
b. Expanded air service
c. Safer and expanded air service to rural communities
Supplemental Financing:
Time Allocation: 4 man/weeks

PROJECTS

Development of Air Field and Navigational Aid Construction
Priorities
Responsible Officer: Rynniva Wescott
Sponsor:
Key Word Code: Airfield, Navaid Construction
Alphameric Code: 1.Pr.C.(1)
Supplemental Financing:
Time Allocation: 2 man/weeks

MAJOR PROGRAM D

Program Title: Local Service Roads and Trails Program
Responsible Officer: Rynniva Wescott
Key Word Code: Local Service Roads
Alphameric Code: 1.Pr.D.
Participants: D.O.H., E.D.A., Municipalities
FTVAD investment as of 7/1/77:
Anticipated Values:
a. Improved community roads
b. Local employment
c. Development of construction skills
Supplemental Financing:
Time Allocation: 2 man/weeks

PROJECTS

1. Development of Village Construction Priorities
Responsible Officer: Rynniva Wescott
Sponsor: D.O.T.P.T.
Key Word Code: Road Construction Priorities
Alphameric Code: 1.Pt.D.(1)
Supplemental Financing:
Time Allocation: 2 man/weeks
2. Shageluk Airport Road Project
Responsible Officer: Rynniva Wescott
Sponsor: Dept. of Highways
Key Word Code: Shageluk Airport Road
Alphameric Code: 1.Pt.D.(2)
Supplemental Financing:
Time Allocation: Not significant
3. Grayling Local Service Roads Project
Responsible Officer: Rynniva Wescott
Sponsor: Dept. of Highways
Key Word Code: Grayling Roads
Alphameric Code: 1.Pt.D.(3)
Supplemental Financing:
Time Allocation: Not significant
4. Anvik and Holy Cross Local Service Road Improvements
Responsible Officer: Rynniva Wescott
Sponsor: Dept. of Highways
Key Word Code: Anvik and Holy Cross Roads
Alphameric Code: 1.Pt.D.(4)
Supplemental Financing:
Time Allocation: Not significant

MAJOR PROGRAM I:

Program Title: Interior Waterways Transportation Development Program
Responsible Officer: Rynniva Wescott
Key Word Code: Waterways and Harbors
Alphameric Code: 1.Pr.E.
Participants: Corps of Engineers, D.O.W. & H., Local Government
FTVAD Investment as of 7/1/77:
Anticipated Values:

- a. Construction and/or renovation of port facilities designed for safe docking of vessels and safe, convenient loading and unloading conditions.
- b. Improved surface transportation services to rural communities inaccessible by roads.
- c. Expanded use of water transport services could result in lower freight costs.



Tanana Valley Railroad -
Fairbanks early 1900's

*ralph mackay collection,
university archives*

Supplemental Financing:
Time Allocation: Not significant

PROJECTS

Program Title: Ft. Yukon Dock Facility
Responsible Officer: Janice Farrell
Sponsor: City of Ft. Yukon
Key Word Code: Ft. Yukon Dock
Alphameric Code: 1.Pt.E.(1)
Supplemental Financing: Div. of Water & Harbors, R.D.A.
Time Allocation: 1 man/week

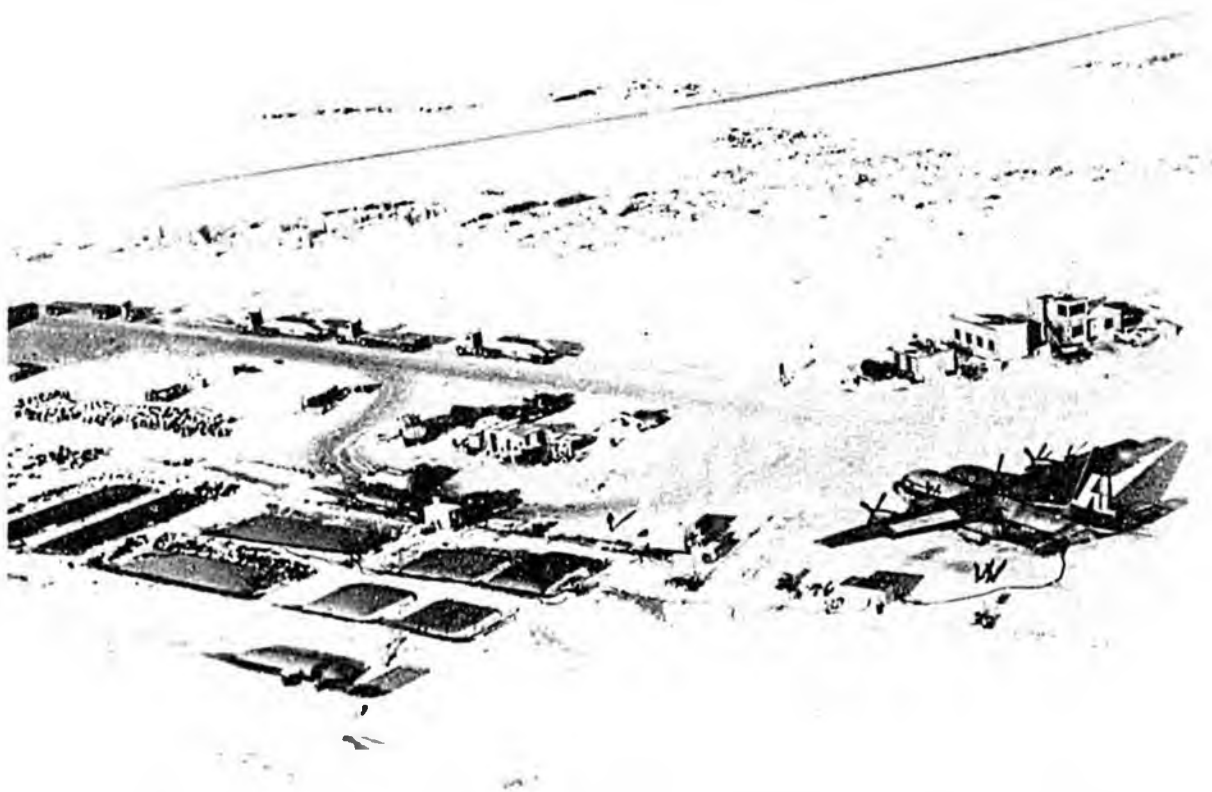
Related Projects:

Extension of Alaska Railroad from Fairbanks to the Canadian
Border.
Responsible Officer: Rynniewa Wescott
Sponsor: Alaska Railroad
Key Word Code: A.R.R. Canadian Connection
Alphameric Code: 1.Pt.(1)
Supplemental Financing:
Time Allocation: Not significant

Project Summary:

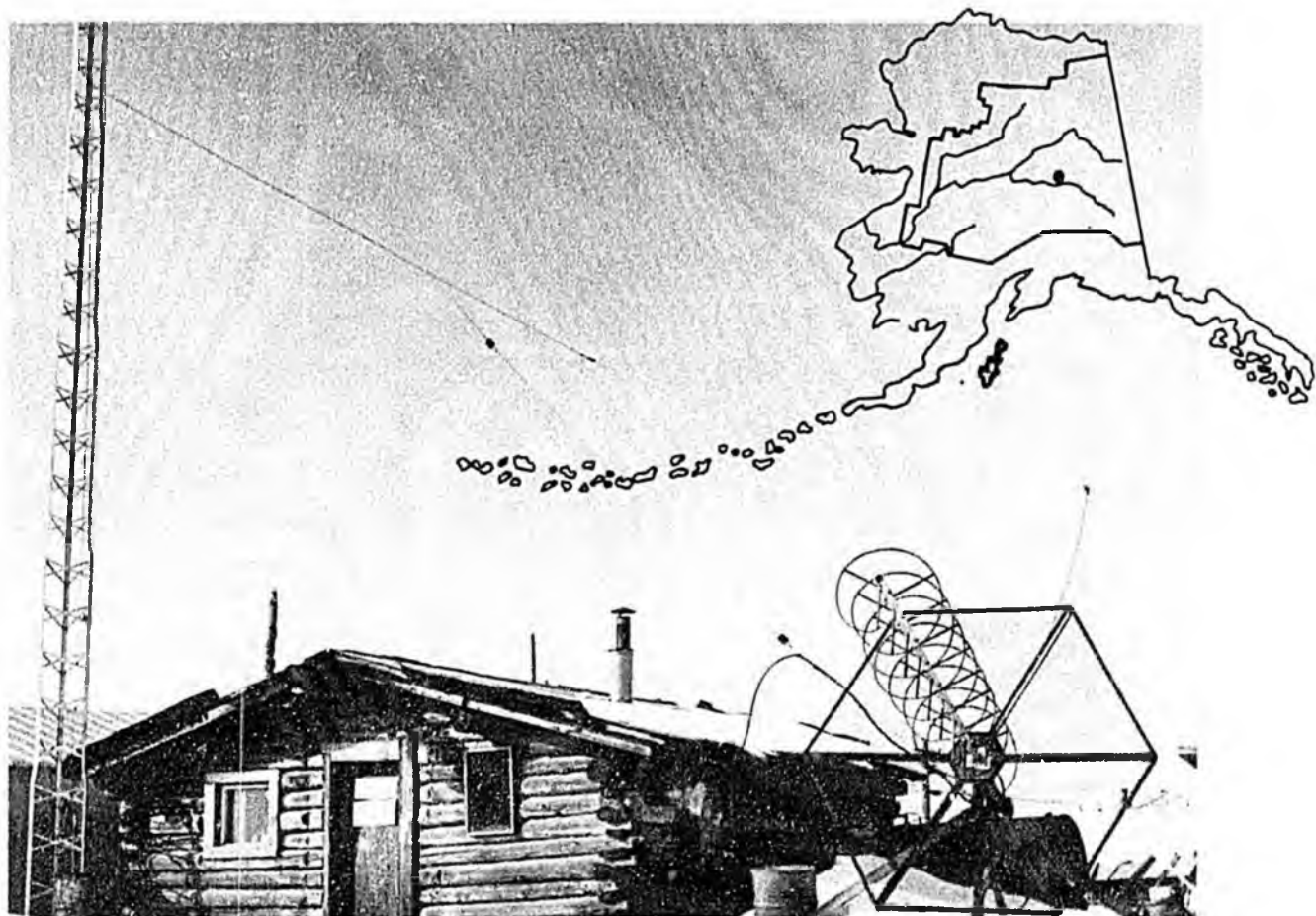
Key Word Code	Alphameric	Staff Time Allocation (Man/Weeks)		
		E.D.	P.C.	C.P.O.
1. Transport Development	1.Pr.A.	4		
2. AIPC	1.Pr.A.(1)	4		
3. FAI Development	1.Pr.B.	3		

4.	Air Cargo Facility	1.Pt.B.(1)	2		
5.	Terminal Sewer Line	1.Pt.B.(2)	2		
6.	Jet Fuel Supply	1.Pt.B.(3)	1		
7.	International Carrier Refueling	1.Pr.B.(4)	2		
8.	C.A.B., A.T.C.	1.Pr.B.(5)	1		
9.	Rural Air Service	1.Pr.C.		4	
10.	Airfield, Navaid Con- struction	1.Pr.C.(1)		2	
11.	Local Service Roads	1.Pr.D.		2	
12.	Road Construction Priorities	1.Pt.D.(1)		2	
13.	Shageluk Airport Road	1.Pt.D.(2)			
14.	Grayling Road	1.Pt.D.(3)			
15.	Anvik and Holy Cross Roads	1.Pt.D.(4)			
16.	Waterways & Harbors	1.Pr.E.			
17.	Ft. Yukon Dock	1.Pt.E.(1)			1
18.	A.R.R. Canadian Connection	1.Pt.(1)			
			—	—	—
		TOTALS	19	10	1



*Supplying fuel at Happy Valley Camp, north of the Brooks Range
courtesy alyeska*

READER'S NOTES



Category 2: COMMUNITY FACILITIES



Top Photo: Community telephone

Bottom Photo: Nenana Docks - Nenana

CATEGORY 2: COMMUNITY FACILITIES DEVELOPMENT

Supervisory Officer: Rynniewa Wescott, Public Works Coordinator

Origin, Development and Status of Current Planning Effort:

Implementing a successful capital improvements program that will facilitate infrastructural needs of a community in a timely and cost efficient manner requires an analysis of local economic problems, a development scenario, a facilities inventory, community involvement and a closer multi-agency communication.

These factors constituted action by the FTVAD Board in March, 1977 to coordinate the Capital Improvements Program listed in our work program under Alphameric Code 2.Pr.A. and includes the composition of a community profile for each population center in the FTVAD district. Community profiles for thirty-two of the forty-five communities in our region are complete.

Capital Improvement projects included in this category are infrastructural requirements as determined by the municipality involved with concurrence of the FTVAD Board of Directors.

Major Programs and Related Advisory Committees:

A. Rural Intergovernmental Capital Improvements Program.

B. Community Utility Building Development.

Warm Storage Committee

1. Bob Thomas
2. Axel Carlson
3. Terry Burris

C. Fire Protection Program.

D. Bulk Fuel Storage Facilities.

E. New Communities Development.

Project Information Summary

Page 77

Capital Improvements Projects Currently Under Staff Investigation and Development:

PROJECT SPONSOR AND FTVAD CODE	PAGE REF.	PROJECT TITLE AND LOCATION	SOURCES OF SUPPLEMENTAL FINANCING	PRELIMINARY ESTIMATE: CONSTRUCTION COSTS
1. City of Fairbanks <u>2.Pt.A.(2)</u>	72	South Side Water	Federal L.P.W. H.U.D.	5,000,000
2. City of North Pole <u>2.Pt.A.(3)</u>	73	Street Lights & Sidewalks	Federal E.D.A.	17,000
3. City of McGrath <u>2.Pr.A.(8)</u>	73	McGrath Community Building	State R.D.A. Federal E.D.A.	183,000
4. City of Stevens Village <u>2.Pr.A.(5)</u>	73	Stevens Well House	State D.E.C. Federal L.P.W.	560,000
5. City of Nenana <u>2.Pt.A.(4)</u>	73	Nenana Government Center	Federal E.D.A.	600,000
6. City of Nenana <u>2.Pr.A.(6)</u>	73	Sewer/Water System	State D.E.C. Federal E.P.A. Federal P.H.S.	4,500,000
7. City of Grayling <u>2.Pt.B.(2)</u>	74	Grayling Warm Storage	Federal E.D.A.	
8. City of Anderson <u>2.Pt.C.(2)</u>	75	Anderson Fire Station	Federal E.D.A.	75,000

Technical Studies Projects Currently Under Staff Investigation and Development:

PROJECT SPONSOR AND FTVAD CODE	PAGE REF.	PROJECT TITLE AND LOCATION	SOURCES OF SUPPLEMENTAL FINANCING	PRELIMINARY ESTIMATE: TOTAL PROJECT COSTS
1. FIVAD <u>2.Pr.A.</u>	72	Capital Improvements Coordination. Rural Interior Alaska.	State of Alaska	75,000

PROJECT SPONSOR AND FTVAD CODE	PAGE REF.	PROJECT TITLE AND LOCATION	SOURCES OF SUPPLEMENTAL FINANCING	PRELIMINARY ESTIMATE: TOTAL PROJECT COSTS
2. <u>2.Pr.B.(1)</u>		Community Warm Storage Building Design a. Grayling b. Kaltag c. Huslia d. Evansville e. Hughes	Federal E.D.A.	25,000

MAJOR PROGRAM A

Program Title: Rural Intergovernmental Capital Improvements
Coordination Program
Responsible Officer: Rynniewa Wescott
Key Word Code: Capital Improvements Programming
Alphameric Code: 2.Pr.A.
Participants: Federal, state and local governments with capital
improvements responsibilities
FTVAD investment as of 7/1/77:
Anticipated Values
a. Reduction in construction and lead time for public fa-
cilities
b. Closer multi-agency communication and coordination with-
in communities
c. Development of a means to insure that capital budgeting
reflects the economic development goals of local decision-
makers
Supplemental Financing: State of Alaska - \$57,500.00
Time Allocation: 4 man/weeks

PROJECTS

1. Cataloging of Capital Improvements Programs by State, Federal
and Municipal Governments and by Rural Community.
Responsible Officer: Rynniewa Wescott
Sponsor:
Key Word Code: Capital Improvements Inventory
Alphameric Code: 2.Pt.A.(1)
Supplemental Financing:
Time Allocation: 2 man/weeks
2. City of Fairbanks Water System Expansion
Responsible Officer: Janice Farrell
Sponsor: City of Fairbanks
Key Word Code: South Side Water
Alphameric Code: 2.Pt.A.(2)

Supplemental Financing: LPW (EDA); HUD
Time Allocation: 1 man/week

3. North Pole Street Lights and Sidewalks
Responsible Officer: Janice Farrell
Sponsor: City of North Pole
Key Word Code: Street Lights and Sidewalks
Alphameric Code: 2.Pt.A.(3)
Supplemental Financing:
Time Allocation: 1 man/week
4. Nenana Government Center
Responsible Officer: Rynniewa Wescott
Sponsor: City of Nenana
Key Word Code: Nenana Government Center
Alphameric Code: 2.Pt.A.(4)
Supplemental Financing:
Time Allocation: Not significant
5. Stevens Village Well House
Responsible Officer:
Sponsor:
Key Word Code: Stevens Well House
Alphameric Code: 2.Pt.A.(5)
Supplemental Financing:
Time Allocation:
6. Nenana Sewer and Water System
Responsible Officer: Rynniewa Wescott
Sponsor: City of Nenana
Key Word Code: Nenana Sewer/Water
Alphameric Code: 2.Pt.A.(6)
Supplemental Financing:
Time Allocation: Not significant
8. McGrath Government Center
Responsible Officer: Rynniewa Wescott
Sponsor: City of McGrath
Key Word Code: McGrath Community Center
Alphameric Code: 2.Pt.A.(8)
Supplemental Financing:
Time Allocation: Not significant

MAJOR PROGRAM B

Program Title: Community Utility Building Development
Responsible Officer: Rynniewa Wescott
Key Word Code: Warm Storage Building
Alphameric Code: 2.Pr.B.
Participants: D.O.T.P.F.

FTVAD investment as of 7/1/77:

Anticipated Values:

- a. Reduced maintenance costs on heavy equipment
- b. Revenue to municipalities
- c. Increased fire fighting capability

Supplemental Financing:

Time Allocation: 4 man/weeks

PROJECTS

1. Developing Coordination between City Sponsors, Participating State and Federal Agencies, Site and Engineering Design Work.
Responsible Officer: Rynniewa Wescott
Sponsor: FTVAD
Key Word Code: Utility Building Design
Alphameric Code: 2.Pt.B.(1)
Supplemental Financing: AES; DOH; DOA
Time Allocation: 1 man/week
2. Grayling Warm Storage Building
Responsible Officer: Rynniewa Wescott
Sponsor: City of Grayling
Key Word Code: Grayling Warm Storage
Alphameric Code: 2.Pt.B.(2)
Supplemental Financing:
Time Allocation: Not significant

MAJOR PROGRAM C

Program Title: Fire Protection Program

Responsible Officer: Janice Farrell

Key Word Code: Fire Protection

Alphameric Code: 2.Pr.C.

Participants: FNSB; RDA; EDA

FTVAD investment as of 7/1/77:

Anticipated Values:

- a. Improved firefighting facilities and equipment
- b. Inciting fire prevention through building design and construction upgrading
- c. Reduction of fire insurance cost and qualification for insurance in rural communities

Supplemental Financing:

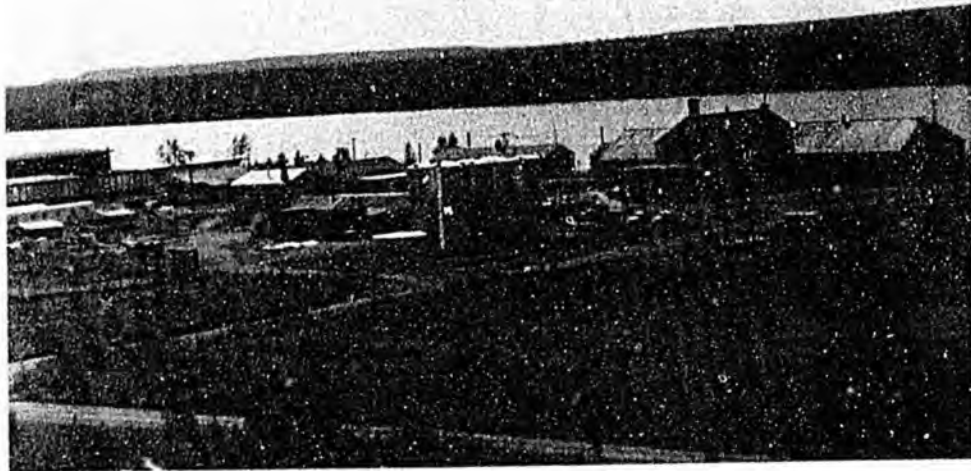
Time Allocation: Not significant

PROJECTS

1. Fairbanks North Star Borough Fire Service Authority
Responsible Officer: Janice Farrell
Sponsor: Fairbanks North Star Borough
Key Word Code: Borough Fire Protection

Bulk Fuel Tanks in
Tanana

photo wescott



Alphameric Code: 2.Pr.C.(1)
Supplemental Financing:
Time Allocation: Not significant

2. Anderson Fire Station
Responsible Officer: Rynniva Wescott
Sponsor: City of Anderson
Key Word Code: Anderson Fire Station
Alphameric Code: 2.Pt.C.(2)
Supplemental Financing:
Time Allocation: Not significant

MAJOR PROGRAM D

Program Title: Bulk Fuel Storage Facilities
Responsible Officer:
Key Word Code: Bulk Fuel Storage
Alphameric Code: 2.Pr.D.

Participants:

FTVAD investment as of 7/1/77:

Anticipated values:

- a. Construction of storage facilities that will provide village residents with a reliable and adequate fuel supply
- b. Lower fuel costs
- c. Additional workforce demands

Supplemental Financing:
Time Allocation:

PROJECTS

Development of Installation Priorities for Interior Alaskan Villages
Responsible Officer:
Sponsor:
Key Word Code: Bulk Fuel Installation
Alphanumeric Code: 2.Pt.D.(1)
Supplemental Financing:
Time Allocation:

MAJOR PROGRAM E

Program Title: New Communities Development
Responsible Officer: Rynniva Wescott
Key Word Code: New Communities
Alphanumeric Code: 2.Pr.E.
Participants: BLM; ISEGR
FTVAD investment as of 7/1/77: Not significant
Anticipated values:

- a. Facilitate resource development in remote areas where infrastructural facilities are not readily available
- b. Establishment of the general ranges of prospective development and population growth
- c. Outlining of factors that would guide site planning and development.

Supplemental financing:
Time Allocation: Not significant

PROJECTS

Yukon Crossing Community
Responsible Officer: Rynniva Wescott
Sponsor: BLM
Key Word Code: Yukon Port
Alphanumeric Code: 2.Pr.E.(1)
Supplemental Financing:
Time Allocation: Not significant

MAJOR PROGRAM F

Program Title: Communications Systems
Responsible Officer: Rynniva Wescott
Key Word Code: Communications Systems
Alphanumeric Code: 2.Pr.F.
Participants: TCC, RCA, Municipalities, AT&P, Glacier State

Supplemental Financing:
Time Allocation:

PROJECTS

Development of Installation Priorities for Interior Alaskan Villages
Responsible Officer:
Sponsor:
Key Word Code: Bulk Fuel Installation
Alphameric Code: 2.Pt.D.(1)
Supplemental Financing:
Time Allocation:

MAJOR PROGRAM E

Program Title: New Communities Development
Responsible Officer: Rynniva Wescott
Key Word Code: New Communities
Alphameric Code: 2.Pr.E.
Participants: BLM; ISEGR
FTVAD investment as of 7/1/77: Not significant
Anticipated values:
a. Facilitate resource development in remote areas where infrastructural facilities are not readily available
b. Establishment of the general ranges of prospective development and population growth
c. Outlining of factors that would guide site planning and development.
Supplemental financing:
Time Allocation: Not significant

PROJECTS

Yukon Crossing Community
Responsible Officer: Rynniva Wescott
Sponsor: BLM
Key Word Code: Yukon Port
Alphameric Code: 2.Pr.E.(1)
Supplemental Financing:
Time Allocation: Not significant

MAJOR PROGRAM F

Program Title: Communications Systems
Responsible Officer: Rynniva Wescott
Key Word Code: Communications Systems
Alphameric Code: 2.Pr.F.
Participants: TCC, RCA, Municipalities, AT&P, Glacier State

FTVAD investment as of 7/1/77: Not significant

Antitipated Values:

- a. Improved and expanded emergency communications network
- b. Adequate local and long distance telephone communications systems and facilities in rural communities
- c. An efficient network of communication between Fairbanks and the rural settlements it services

Supplemental Financing:

Time Allocation: 1 man/week

Project Summary:

Key Word Code	Alphameric	Staff Time Allocation (Man/Weeks)		
		E.D.	P.C.	C.P.O.
1. Capital Improvements Programming	2.Pr.A.		4	
2. Capital Improvements Inventory	2.Pt.A.(1)		2	
3. Southside Water Project	2.Pt.A.(2)			1
4. North Pole Street Lights and Sidewalks	2.Pt.A.(3)			1
5. Nenana Government Center	2.Pt.A.(4)			
6. Stevens Well House	2.Pt.A.(5)			
7. Nenana Sewer/Water	2.Pt.A.(6)			
8. McGrath Community Center	2.Pt.A.(8)			
9. Warm Storage Building	2.Pr.B.		4	
10. Utility Building Design	2.Pt.B.(1)		1	
11. Grayling Warm Storage	2.Pt.B.(2)			
12. Fire Protection Program	2.Pr.C.			
13. Borough Fire Protection	2.Pr.C.(1)			
14. Anderson Fire Station	2.Pt.C.(2)			
15. Bulk Fuel Storage	2.Pr.D.			
16. Bulk Fuel Installation	2.Pt.D.(1)			
17. New Communities Development	2.Pr.E.			
18. Yukon Port	2.Pr.E.(1)			
19. Communication Systems	2.Pr.F.			
			—	—
		TOTALS	12	2

READER'S NOTES



*Left: Installing thermopane
windows in Fairbanks*

photo bachus

Below: North Pole Refinery

photo wescott

ENERGY CONSERVATION



CATEGORY 3: ENERGY CONSERVATION PROGRAM

Supervisory Officer: Janice Farrell, Community Projects Officer

Origin, Development and Status of Current Planning Effort:

Because of the temperature extremes in Interior Alaska and the high cost of fuels, the Fairbanks area seems a natural target for energy conservation programs.

In the summer of 1976, the Rural Community Action Program staff requested assistance from the Town and Village Association in providing home weatherization to low income families within the Fairbanks North Star Borough. The Borough administration also asked the Association to provide this program to Borough residents.

The project was approved by the Association's regional Board at its December, 1976 meeting.

Another facet of the Energy Conservation Program is waste heat (excess energy) utilization. The two feasibility studies approved by the Association board can supply data to cap this energy now being discharged in the atmosphere and water bodies from pipeline pump stations, power plants, refineries and other future manufacturing plants to be used as energy to operate fish hatcheries, commercial greenhouses, forage dryers, pulp mills, vegetable dehydration plants, tanneries, etc.

Major Programs and Related Advisory Committees:

A. Winterization and Energy Conservation.

Home Weatherization Project Advisory Committee

1. Robert Hisamoto, Chairman
2. Mike Murphy, Vice-Chairman
3. Willa Ewing
4. Beatrice Coleman
5. John Munson
6. Mabel Hopson
7. Edith Tegoseak

B. Alyeska Pump Station Waste Heat Utilization.

Waste Heat Advisory Committee

1. Carol Lewis
2. James Drew

3. Pat Finnegan
4. Lee Fett

Project Information Summary

Page 83

Capital Improvements Projects Currently Under Staff Investigation and Development:

PROJECT SPONSOR AND FTVAD CODE	PAGE REF.	PROJECT TITLE AND LOCATION	SOURCES OF SUPPLEMENTAL FINANCING	PRELIMINARY ESTIMATE: TOTAL PROJECT COSTS
1. FTVAD <u>3.Pt.A.(1)</u>	82	Winterization Program. FNSB	H.U.D. Rural Cap C.S.A.	\$124,000

Technical Studies Projects Currently Under Staff Investigation and Development

PROJECT SPONSOR AND FTVAD CODE	PAGE REF.	PROJECT TITLE AND LOCATION	SOURCES OF SUPPLEMENTAL FINANCING	PRELIMINARY ESTIMATE: TOTAL PROJECT COSTS
1. U of A; AES <u>3.Pt.B.(1)</u>	82	Pump 9 Waste Heat Delta	Federal E.D.A.	\$85,000
2. State & Private Forestry <u>3.Pt.B.(2)</u>	83	Pump 6 Waste Heat Yukon Crossing	Federal E.D.A.	

MAJOR PROGRAM A

Program Title: Winterization and Energy Conservation
 Responsible Officer: Janice Farrell
 Key Word Code: Energy Conservation
 Alphameric Code: 3.Pr.A.
 Participants:
 FTVAD investment as of 7/1/77:
 Anticipated Values:
 a. Reduced use of energy
 b. Reduction of home heating costs
 c. Improved cost effectiveness in energy use
 Supplemental Financing:
 Time Allocation: 2 man/weeks

PROJECTS

Winterization Program

Responsible Officer: Janice Farrell

Sponsor: FTVAD

Key Word Code: Winterization Program

Alphameric Code: 3.Pt.A.(1)

Supplemental Financing: C.S.A., H.U.D. through City of Fairbanks

Time Allocation: 8 man/weeks

MAJOR PROGRAM B



Pump Station 10 - Isabel Pass, Alaska Range

courtesy alyeska

Program Title: Alyeska
Pump Station Waste Heat
Utilization

Responsible Officer: Rynniewa
Wescott

Key Word Code: Waste Heat
Utilization

Alphameric Code: 3.Pr.B.

Participants: U of A; AES;
IRS; State of Alaska
Energy Office; Federal
EDA; Alyeska Service
Company; State and Private
Forestry

FTVAD Investment as of 7/1/77:

Anticipated Values:

- a. Development of an alternative source of energy
- b. Utilization of excessive energy in the form of waste heat
- c. Expanded renewable resource development
- d. Development of agricultural grain and log drying
- e. Development of greenhouse food production at a large scale level without utilizing high cost and low supply petroleum products
- f. Improved economic feasibility in agribusiness

Supplemental Financing:

Time Allocation: 1 man/week

PROJECTS

1. Waste Heat Utilization at Alyeska Pump Station #9
Responsible Officer: Rynniewa Wescott
Sponsor: University of Alaska, AES
Key Word Code: Pump 9 Waste Heat

Alphameric Code: 3.Pt.B.(1)
 Supplemental Financing:
 Time Allocation: 1 man/week

2. Waste Heat Utilization at Alyeska Pump Station #6
 Responsible Officer: Rynniewa Wescott
 Sponsor: State and Private Forestry
 Key Word Code: Pump 6 Waste Heat
 Alphameric Code: 3.Pt.B.(2)
 Supplemental Financing:
 Time Allocation: 1 man/week

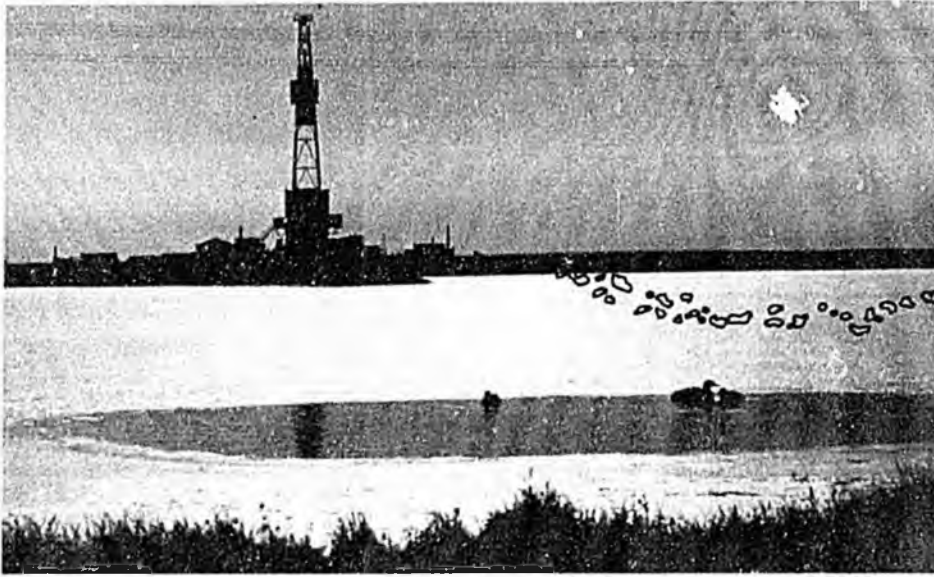
Project Summary:

Key Word Code	Alphameric	Staff Time Allocation (Man/Weeks)		
		E.D.	P.C.	C.P.O.
1. Energy Conservation	3.Pr.A.			2
2. Winterization Program	3.Pt.A.(1)			2
3. Waste Heat Utilization	3.Pr.B.		1	
4. Pump 9 Waste Heat	3.Pt.B.(1)		1	
5. Pump 6 Waste Heat	3.Pt.B.(2)			
			—	—
			TOTALS	3 4

Village of Kaltag
 photo helmar



READER'S NOTES



Category 4
PETROLEUM POLICY

Top: Prudhoe Bay

Center: "Two Street" -
Fairbanks, 1975

Bottom: Trans-Alaska
Pipeline near Fairbanks

photos helmar



CATEGORY 4: PETROLEUM RESOURCE POLICY

Supervisory Officer: Jerry Smetzer, Executive Director

Origin, Development and Status of Current Planning Effort:

Because of the massive impact of rapid petroleum resource development on the short and long term stability of the community, the question of the appropriate response by the general public and by government has occupied much of the time and attention of the Association since its formation in 1972.

The primary vehicles developed to deal with this question involved continuous information processing oriented toward the information demands of business, government and individuals throughout the Interior.

The information base thus developed will be enormously valuable in anticipating the short term problems and opportunities which will accompany the construction of a natural gas pipeline.

However, a great deal of work remains to be done in this area if Interior Alaskans are to gain more than transitory benefits from future petroleum development in Alaska.

Major Programs and Related Advisory Committees:

- A. Pipeline Demobilization Strategy.
- B. Supply, Service and Support Development for Off-Shore Continental Shelf Petroleum Activity in the Beaufort and Chukchi Seas.
- C. Natural Gas Development.

Related Projects:

None

Project Descriptions

Project Information Summary

Page 89

Capital Improvements Projects Currently Under Staff Investigation and Development:

PROJECT SPONSOR AND FTVAD CODE	PAGE REF.	PROJECT TITLE AND LOCATION	SOURCES OF SUPPLEMENTAL FINANCING	PRELIMINARY ESTIMATE: CONSTRUCTION COSTS
1. University of Alaska <u>4.Pt.B. (2)</u>	88	UAF Museum Fairbanks	State	\$8,000,000

*West Ridge Research Complex,
University of Alaska - Fairbanks
courtesy university of alaska*



Technical Studies Projects Currently Under
Staff Investigation and Development:

PROJECT SPONSOR AND FTVAD CODE	PAGE REF.	PROJECT TITLE AND LOCATION	SOURCES OF SUPPLEMENTAL FINANCING	PRELIMINARY ESTIMATE: TOTAL PROJECT COSTS
1. Friends of the University of Alaska Museum	88	Museum Program and Facilities Development As- sistance. Fairbanks	State	

MAJOR PROGRAM A

Program Title: Pipeline Demobilization Strategy
 Responsible Officer: Jerry Smetzer
 Key Word Code: Pipeline Demobilization
 Alphameric Code: 4.Pr.A.
 Participants:
 FTVAD investment as of 7/1/77:
 Anticipated Values:
 a. Reduction of short term economic uncertainty

- b. Development of improved impact prediction
 - c. Improved intergovernmental impact planning
- Supplemental Financing:
Time Allocation: 1 man/week

PROJECTS

Review of Pipeline Impact Literature, and Analysis; Development of Worst Case, Most Likely, and Best Case Scenarios; Project Economic Activity within the Interior through 1980
Responsible Officer: Jerry Smetzer
Sponsor:
Key Word Code: Impact Analysis
Alphameric Code: 4.Pr.A.(1)
Supplemental Financing:
Time Allocation: 3 man/weeks

MAJOR PROGRAM B

Program Title: Supply Service and Support Development for Off-Shore Continental Shelf Petroleum Activity in the Beaufort and Chukchi Seas.
Responsible Officer: Jerry Smetzer
Key Word Code: OCS Support Facilities
Alphameric Code: 4.Pr.B.
Participants:
FTVAD investment as of 7/1/77:
Anticipated Values:

- a. Development of Fairbanks' supply and service sector
- b. Promotion of expanded private investment
- c. Closer communication and coordination with North Slope government interests

Supplemental Financing:
Time Allocation: 2 man/weeks

PROJECTS

1. Strengthening of Arctic-Oriented Research Capability at the University of Alaska, Fairbanks
Responsible Officer: Jerry Smetzer
Sponsor:
Key Word Code: Arctic Research Expansion
Alphameric Code: 4.Pt.B.(1)
Supplemental Financing:
Time Allocation: 3 man/weeks
2. Development of Museum and sorting center facility on the campus of the University of Alaska, Fairbanks.
Responsible Officer: Jerry Smetzer

Sponsor: University of Alaska
Key Word Code: UAF Museum
Alphameric Code: 4.Pt.B.(2)
Supplemental Financing: State of Alaska
Time Allocation: 1 man/week

MAJOR PROGRAM C

Program Title: Natural Gas Development
Responsible Officer: Jerry Smetzer
Key Word Code: Natural Gas Use
Alphameric Code: 4.Pr.C.
Participants:
FTVAD investment as of 7/1/77:
Anticipated Values:
a. Expansion of economic base
b. Reduction of adverse social and economic impact of natural gas development
Supplemental Financing:
Time Allocation: 1 man/week

Related Projects:

None

Project Summary:

Key Word Code	Alphameric	Staff Time Allocation (Man/Weeks)		
		E.D.	P.C.	C.P.O.
1. Pipeline Demobilization	4.Pr.A.		1	
2. Impact Analysis	4.Pr.A.(1)		3	
3. OCS Support Facilities	4.Pr.B.		2	
4. Arctic Research Expansion	4.Pt.B.(1)		3	
5. UAF Museum	4.Pt.B.(2)		1	
6. Natural Gas Development	4.Pr.C.		—	
	TOTALS		11	

READER'S NOTES



Senior Citizens Center - Fairbanks



Work experience training, Hope Industries - Fairbanks

Category 5

HUMAN RESOURCES

photos wescott, helmar



Kaltag School

CATEGORY 5: HUMAN RESOURCE DEVELOPMENT

Supervisory Officer: Janice Farrell, Community Projects Officer

Origin, Development and Status of Current Planning Effort:

In the spring of 1975, the Fairbanks Town and Village Association was asked to help plan, seek funding for, and coordinate the Community Forum on Growth. Two additional staff members were hired under a grant from the Alaska Humanities Forum and the well-attended forum was held in May. The final analysis showed that Interior residents wanted more information about what effect the "pipeline boom" was having on the community. They wanted to be able to take advantage of opportunities and to minimize the adverse effects of this largest-ever construction project. They asked that more attention be given to the human element when development was being planned. The Human Resources category was incorporated into the work program and was adopted by the Board at its March, 1977 meeting.

Such projects as the Fairbanks Rehabilitation Center and the Senior Citizen Center have since been adopted under this category.

Major Programs and Related Advisory Committees:

- A. Vocational Training Development Program.
- B. Community Senior Citizens Action Program.

Project Information Summary

Page 94

Capital Improvements Projects Currently Under Staff Investigation and Development:

PROJECT SPONSOR AND FTVAD CODE	PAGE REF.	PROJECT TITLE AND LOCATION	SOURCES OF SUPPLEMENTAL FINANCING	PRELIMINARY ESTIMATE: CONSTRUCTION COSTS
1. Fairbanks Rehabilitation Association <u>5.Pt.(1)</u>	93	Vocational Rehabilitation Center	State Federal F.D.A.	\$980,000.00
2. Sprucewood Acres	94			

MAJOR PROGRAM A

Program Title: Vocational Training Development Program
Responsible Officer: Janice Farrell
Key Word Code: Vocational Training
Alphameric Code: 5.Pr.A.
Participants: Fairbanks Rehabilitation Association; FNSB; FTVAD
FTVAD investment as of 7/1/77:
Anticipated Values:
a. Provide training to allow persons with limited employment skills to compete in the job market



Getting a checkup
in Huslia

photo
helmar

b. Provide access to vocational training for handicapped and low income persons
c. To encourage employers to take advantage of local training programs for upgrading employee skills
Supplemental Financing: Alaska Skills; OVR; FRA
Time Allocation: 3 man/weeks

PROJECTS

Vocational Rehabilitation Center
Responsible Officer: Janice Farrell
Sponsor: Fairbanks Rehabilitation Association
Key Word Code: Vocational Rehabilitation Center
Alphameric Code: 5.Pt.A.(1)
Supplemental Financing: FDA, State of Alaska, DDSA
Time Allocation: 2 man/weeks

MAJOR PROGRAM B

Program Title: Community Senior Citizen Action Program

Responsible Officer: Janice Farrell

Key Word Code: Senior Citizen Program

Alphameric Code: 5.Pr.B.

Participants: FNSB, State of Alaska

FTVAD investment as of 7/1/77:

Anticipated Values:

- a. Provide more effective utilization of the talents and skills of older adults in business, cultural and social activities in the community
- b. To provide a greater awareness in the community of the realities of aging and make information pertaining to resources available to seniors
- c. Development of community services, leisure time activities and public policy for the aging

Supplemental Financing: CSA

Time Allocation: 5 man/weeks

PROJECTS

Sprucewood Acres Senior Citizens Center

Responsible Officer: Janice Farrell

Sponsor: Senior Citizens of Interior Alaska

Key Word Code: Senior Citizen Center

Alphameric Code: 5.Pt.B.(1)

Supplemental Financing: State of Alaska, FNSB

Time Allocation: 4 man/weeks

Project Summary:

Key Word Code	Alphameric	Staff Time Allocation (Man/Weeks)		
		E.D.	P.C.	C.P.O.
1. Vocational Training	5.Pr.A.			3
2. Vocational Rehabilitation Center	5.Pt.A.(1)			2
3. Senior Citizen Program	5.Pr.B.			5
4. Senior Citizen Center	5.Pt.B.(1)			<u>4</u>
	TOTAL			14

READER'S NOTES

READER'S NOTES

Category 6:

RENEWABLE RESOURCES



Barley production in Fairbanks



Interior Alaska timber stand



Drying fish in Nulato

photos

wescott, state & private
forestry

CATEGORY 6: RENEWABLE RESOURCE DEVELOPMENT

Supervisory Officer: Rynniva Wescott, Public Works Coordinator

Origin, Development and Status of Current Planning Effort:

Each year as the world population increases and as the export of food becomes a major bargaining force in foreign policy and balancing the national economy, more agricultural land is required to meet the demands.

Alaska is virtually the only state of the union that has idle agricultural land for production. There are approximately 15 million acres of arable land suitable for agricultural production in Interior Alaska.

Agriculture can supply the economic base needed in most bush villages while it simultaneously supplies the village residents with a stable diet. Many village corporations such as Minto and Manley Hot Springs selected lands under ANCSA entitlements specifically for their suitability to agricultural production.

The initial OEDP published in the spring of 1974 addressed agriculture as an important aspect of economic development but little has been done to set strategies for development until the December, 1976 FIVAD annual Board meeting and the March, 1977 semi-annual Board meeting.

Recent emphasis on natural resources in Alaska has been addressed to petroleum, a non-renewable resource.

The Natural Resource Development program initiated in the original OEDP has been divided into two programs to develop a timely and productive strategy for agriculture, forestry, aquaculture and the fur industry.

1. Petroleum Resource Policy will focus on the development of non-renewable natural resources.
2. Renewable Resource Development will include strategy programs, capital improvements projects and technical studies critical to the development of renewable natural resources.

Major Programs and Related Advisory Committees:

A. Remote Rural Agricultural Development.

1. Richard Frank
2. Dr. Frank Wooding

3. Janet Baird
4. Roger Rayburn
5. Virgil Severns
6. Dr. Bonita Neiland
7. Steve Squires
8. Dr. Carol Lewis
9. Carl Guillaume
10. Pat Finnegan

B. Wood Products Development.

C. Regional Agricultural

RAD Committee

1. Dr. James Drew
2. Roger Rayburn
3. Janet Baird
4. Virgil Severns
5. Carl Guillaume



*Dan Peger, inventor and recycler -
Fairbanks*

photo helmar

Related Projects

1. Fish Hatchery
2. Fur Industry

Project Description

Page 102
Page 102

Project Information Summary

Page 103

Technical Studies: Projects Currently Under Staff Investigation and Development:

PROJECT SPONSOR AND FIVAD CODE	PAGE REF.	PROJECT TITLE AND LOCATION	SOURCES OF SUPPLEMENTAL FINANCING	PRELIMINARY ESTIMATE: TOTAL PROJECT COSTS
1. Tanana Chiefs Conference <u>6.Pt.A.(1)</u>	100	Village Community Gardens. Interior Villages	B.I.A. C.S.A. S.C.S. C.E.S.	
2. Minto Village Council University of Alaska, A.E.A. <u>6.Pt.A.(2)</u>	101	Minto Ag. Project	E.D.A.	

MAJOR PROGRAM A

Program Title: Remote Rural Agricultural Development

Responsible Officer:

Key Word Code: Village Agriculture

Alphameric Code: 6.Pr.A.

Participants:

FTVAD investment as of 7/1/77:

Anticipated Values:

- a. Reduction of food costs in rural communities
- b. Improved nutrition
- c. Eventual export possibilities

Supplemental Financing:

Time Allocation:

PROJECTS

1. Remote Rural Community Garden Development

Responsible Officer:

Sponsor: Tanana Chiefs Conference

Key Word Code: Village Community Gardens

Alphameric Code: 6.Pt.A.(1)

Supplemental Financing: AES, SCS, University of Alaska, CES - In-kind services.

Time Allocation:



Garden in Nulato



Snap beans in Galena

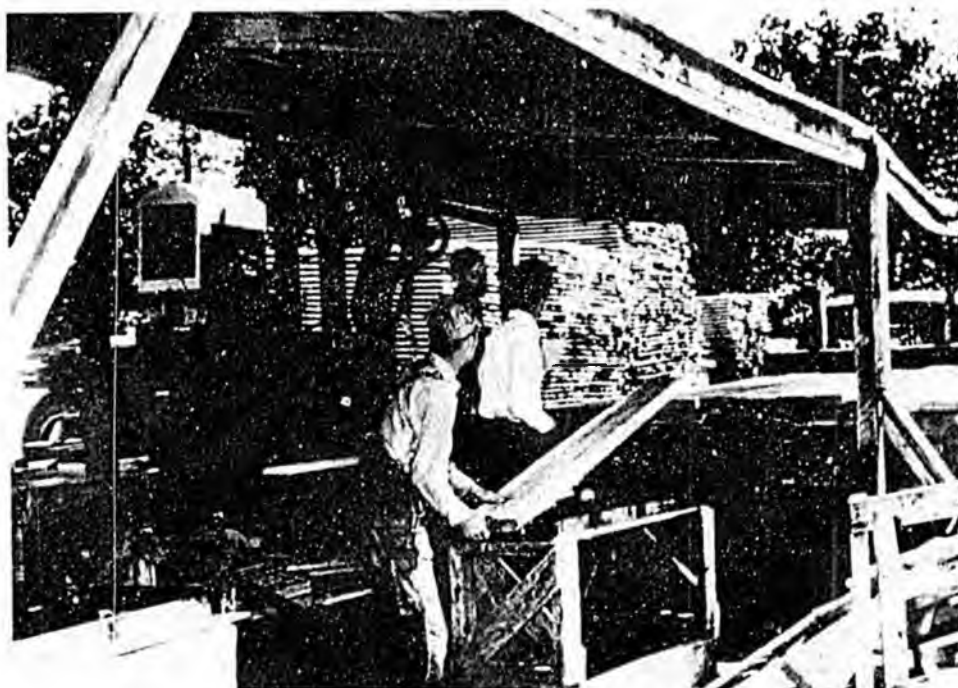


Oats test plot in Galena

photos wescott

*Circular saw mill in
operation*

*courtesy state &
private forestry*



2. Minto Agricultural Pilot Project
Responsible Officer: Rynniva Wescott
Sponsor: Minto Village Council, University of Alaska, AFS
Key Word Code: Minto Ag. Project
Alphameric Code: 6.Pt.A.(2)
Supplemental Financing:
Time Allocation: 1 man/week

MAJOR PROGRAM B

Program Title: Wood Products Development
Responsible Officer: Rynniva Wescott
Key Word Code: Wood Products Development
Alphameric Code: 6.Pr.B.
Participants: State & Private Forestry
FIVAD Investment as of 7/1/77:
Anticipated Values:

- a. Reduction of wood product costs
- b. Improved economic feasibility in wood product related industry
- c. Expanded renewable resource development

Supplemental Financing:
Time Allocation: 1 man/week

MAJOR PROGRAM C

Program Title: Regional Agricultural Development
Responsible Officer: Rynniva Wescott

Key Word Code: Regional Agriculture

Alphameric Code: 6.Pr.C.

Participants: SDA, AES, CES, SCS

FTVAD Investment as of 7/1/77:

Anticipated Values:

- a. Stabilize food costs and alleviate food shortages
- b. Development of agricultural infrastructure
- c. Expanded renewable resource development

Supplemental Financing:

Time Allocation: 1 man/week

PROJECTS

1. Big Delta Agricultural Development
Responsible Officer: Rynnieva Wescott
Sponsor:
Key Word Code: Big Delta Agriculture
Alphameric Code: 6.Pr.C.(1)
Supplemental Financing:
Time Allocation: Not significant
2. Nenana Agriculture
Responsible Officer: Rynnieva Wescott
Sponsor:
Key Word Code: Nenana Agriculture
Alphameric Code: 6.Pr.C.(2)
Supplemental Financing:
Time Allocation: Not significant

Related Projects:

1. Fish Hatchery Development
Responsible Officer:
Sponsor: State F.R.E.D.
Key Word Code: Fish Hatchery
Alphameric Code: 6.Pt.(1)
Supplemental Financing:
Time Allocation:
2. Fur Industry Development
Responsible Officer:
Sponsor:
Key Word Code: Fur Industry
Alphameric Code: 6.Pt.(2)
Supplemental Financing:
Time Allocation:

Project Summary:

Key Word Code	Alphameric	Staff Time Allocations (Man/Weeks)		
		E.D.	P.C.	C.P.O.
1. Village Agriculture	6.Pr.A.			
2. Village Community Gardens	6.Pt.A.(1)			
3. Minto Ag. Project	6.Pt.A.(2)		1	
4. Wood Products Develop- ment	6.Pr.B.		1	
5. Regional Agricultural Development	6.Pr.C.		1	

*Fish wheel
illustration
courtesy
alaska dept.
of fish & game*



6. Big Delta Agriculture	6.Pr.C.(1)			
7. Nenana Agriculture	6.Pr.C.(2)			
8. Fish Hatchery	6.Pt.(1)			
9. Fur Industry	6.Pt.(2)			

TOTAL			3	
-------	--	--	---	--

READER'S NOTES



Category 7

INFORMATION SERVICES

CATEGORY 7: COMMUNITY INFORMATION SERVICE

Supervisory Officer: Janice Farrell, Community Projects Officer

Origin, Development and Status of Current Planning Effort:

At the semi-annual Board meeting in March, 1977, several FTVAD Board members identified the need for surveying and identifying federal and state assistance programs that will aid communities in carrying out local development programs.

While the staff has kept informed on several assistance programs, a survey of all such programs has not been taken. A brief summary of all the major assistance programs is being prepared and should be distributed to the local governments in our district by September. More in-depth information on these programs will be included in the Capital Improvement Programming publication.

<u>Related Projects</u>	<u>Project Descriptions</u>
1. A-95 Review Authority	Page 106
2. Excess Surplus Military and Alyeska Property	Page 107
3. Payment in Lieu of Taxes	Page 107
4. Revenue Sharing	Page 107
Project Information Summary	Page

There are currently no major programs in Category 7.

Related Projects:

1. A-95 Review Authority
Responsible Officer: Jerry Smetzer
Sponsor:
Key Word Code: A-95 Review
Alphameric Code: 7.Pt.(3)
Supplemental Financing:
Time Allocation:

2. Excess and Surplus Military and Alyeska Property
 Responsible Officer: Rynniva Wescott
 Sponsor:
 Key Word Code: Surplus Property
 Alphameric Code: 7.Pt.(4)
 Supplemental Financing:
 Time Allocation: Not significant

3. Payment in Lieu of Taxes
 Responsible Officer: Janice Farrell
 Sponsor: FTVAD
 Key Word Code: Federal In-Lieu Payments
 Alphameric Code: 7.Pt.(5)
 Supplemental Financing:
 Time Allocation: 1 man/week

4. Revenue Sharing
 Responsible Officer: Janice Farrell
 Sponsor: FTVAD
 Key Word Code: Municipal Revenue Sharing
 Alphameric Code: 7.Pt.(6)
 Supplemental Financing:
 Time Allocation: 1 man/week

Project Summary:

Key Word Code	Alphameric	Staff Time Allocation (Man/Weeks)		
		E.D.	P.C.	C.P.O.
1. A-95 Review	7.Pt.(1)			
2. Surplus Property	7.Pt.(2)			
3. Federal In-Lieu Payments	7.Pt.(3)			1
4. Municipal Revenue Sharing	7.Pt.(4)			<u>1</u>
	TOTAL			2

Paxson Roadhouse - Alaska
 Range early 1900's

*ralph mackay collection
 university archives*



READER'S NOTES



Section V

COMPLETED PROJECTS

COMPLETED PROJECTS

Projects appearing in this section are those for which FTVAD staff time is no longer required or needed.

In each of the projects listed FTVAD has played a significant role in the original conceptualization of the project, in the coordination of diverse interests into a common effort leading to the project or in the communications between project sponsors and private and public financing participants. For some projects we have been involved in all three activities.

In our judgement we believe our efforts on these projects and the projects themselves to have been of benefit to Interior Alaska and, therefore, successful.

PROJECT TITLE:	Phase I Local Service Roads & Trails
RESPONSIBLE OFFICER:	Janice Farrell
ESTIMATED TOTAL PROJECT COST:	\$480,000.00
PERIOD OF FTVAD INVOLVEMENT:	1/74 - 1/75
PRIMARY FTVAD ROLE:	Intergovernmental finance coordination
MAN/MONTHS OF EMPLOYMENT CREATED:	153.65 man/months
OTHER VALUES:	Permanent community improvements. New job skills. Local income.
PRIMARY BENEFICIARIES:	People of Tok, Arctic Village, Eagle, Birch Creek Allakaket, Hughes
ANTICIPATED LONG TERM IMPACT:	Enhances long term community development.

PROJECT TITLE:	Hutchison A & P
RESPONSIBLE OFFICER:	Janice Farrell
ESTIMATED TOTAL PROJECT COST:	\$1,250,000.00

PERIOD OF FTVAD INVOLVEMENT: 1/74 - 6/76

PRIMARY FTVAD ROLE: Project identification.
Intergovernmental finance coordination.

MAN/MONTHS OF EMPLOYMENT CREATED: 13.5 m/mo.

OTHER VALUES: Permanent community improvements.
Improved A & P training and licensing.
Additional training capability in vacated facility.

PRIMARY BENEFICIARIES: People of Interior Alaska

ANTICIPATED LONG TERM IMPACT: Improves Fairbanks air commerce development capability.

PROJECT TITLE: El Paso-Alaska Project

RESPONSIBLE OFFICER: Jerry Smetzer

ESTIMATED TOTAL PROJECT COST: FTVAD only \$2,000.00

PERIOD OF FTVAD INVOLVEMENT: 3/75 - 6/77

PRIMARY FTVAD ROLE: Intervenors

MAN/MONTHS OF EMPLOYMENT CREATED: None

OTHER VALUES: Raises important issues of social economic impact at the federal level.

PRIMARY BENEFICIARIES: People of Interior Alaska.

ANTICIPATED LONG TERM IMPACT: Reduction of local social and economic costs associated with pipeline construction; enhance local ability to take advantage of opportunities arising from petroleum development.

PROJECT TITLE: Tok Multipurpose
 RESPONSIBLE OFFICER: Janice Farrell
 ESTIMATED TOTAL PROJECT COST: \$200,000.00
 PERIOD OF FIVAD INVOLVEMENT: 1/74 - 6/77
 PRIMARY FIVAD ROLE: Finance coordination
 MAN/MONTHS OF EMPLOYMENT CREATED: ?
 OTHER VALUES: Permanent community improvement
 PRIMARY BENEFICIARIES: People of Tok & Upper Tanana area.
 ANTICIPATED LONG TERM IMPACT: Has drawn the Tok community together, and provides recreation area for Upper Tanana area.

PROJECT TITLE: FNSB I.I.C.
 RESPONSIBLE OFFICER: Jerry Smetzer
 ESTIMATED TOTAL PROJECT COST: \$200,000.00
 PERIOD OF FIVAD INVOLVEMENT: 8/73 - 6/74
 PRIMARY FIVAD ROLE: Project identification.
 Finance coordination.
 MAN/MONTHS OF EMPLOYMENT CREATED: 80 man/months
 OTHER VALUES: Permanent monthly record of Fairbanks' community impact experience.
 PRIMARY BENEFICIARIES: People of Fairbanks
 ANTICIPATED LONG TERM IMPACT: Urban baseline data base for regional petroleum development policy.

PROJECT TITLE: R.I.I.P.
RESPONSIBLE OFFICER: Judy Vick
Chris Kowalczewski
ESTIMATED TOTAL PROJECT COST: \$60,000.00
PERIOD OF FIVAD INVOLVEMENT: 1/74 - 6/77
PRIMARY FIVAD ROLE: Project identification.
Finance coordination.
Program implementation.
MAN/MONTHS OF EMPLOYMENT CREATED: 25 man/months.
OTHER VALUES: Development of village baseline data for facilities, manpower and impact phenomena.
PRIMARY BENEFICIARIES: People of Rural Interior Alaska
ANTICIPATED LONG TERM IMPACT: Rural baseline data base for regional petroleum development policy.

PROJECT TITLE: Growth Forum
RESPONSIBLE OFFICER: Jerry Smetzer
ESTIMATED TOTAL PROJECT COST: \$25,000.00
PERIOD OF FIVAD INVOLVEMENT: 1/75 - 6/75
PRIMARY FIVAD ROLE: Project identification
Finance coordination.
Program implementation.
MAN/MONTHS OF EMPLOYMENT CREATED: 5 man/months
OTHER VALUES: Improved communications between people of Fairbanks, State of Alaska officials, and Alyeska pipeline officials.

PRIMARY
BENEFICIARIES:

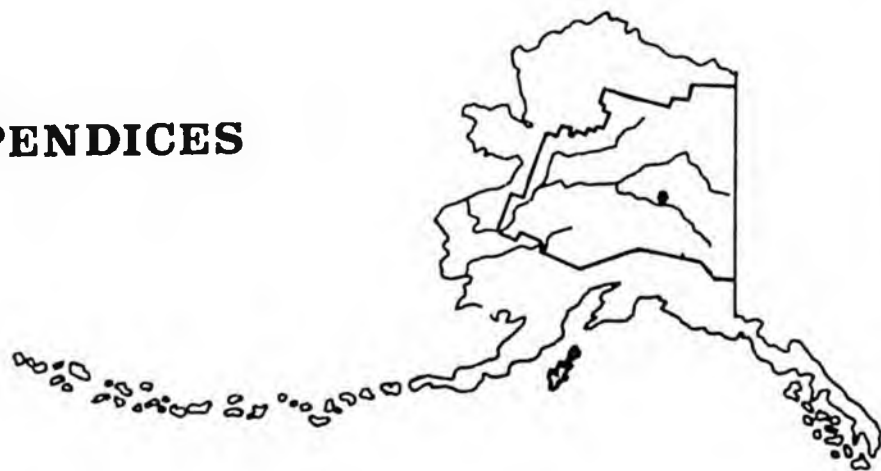
Mentioned above.

ANTICIPATED LONG
TERM IMPACT:

Baseline concensus for community development policy.

Section VI

NOTES AND APPENDICES



*charles bunnell collection
university archives*

	Page Number
NOTES ON THE TEXT	
NOTE ONE Equivalent Staff Time Costs	117
NOTE TWO Summary of Staff Time Allocations and Project Responsibilities	119
APPENDIX	
A. Increased Economic Activity Attributable to Pipe- line Construction; 1972 Projections	124
B. Increased Economic Activity Attributable to Pipe- line Construction; 1974 Projections	125
C. 1975 Regional Population Estimates	126
D. 1973 Regional Labor Force Statistics	127
E. 1974 Regional Labor Force Statistics	128
F. 1975 Regional Labor Force Statistics	129
G. Three-Year Comparison: Regional Labor Force Statistics	130
H. Three-Year Comparison: Rural Labor Force Statistics	131
I. Fairbanks Workforce and Population Annual Average for 1974	132
J. Wage and Salary Payments; 1970-1977	135
K. Total Alaskan Resident Population; 1970-1977	134
L. Statewide Construction Employment; 1970-1978	135
M. Statewide Construction Indicators; 1973-1976	136
N. Fairbanks Area Race Distribution Race Percentages of Fairbanks Population	137
O. Transportation Modes	138

NOTE ONE

EQUIVALENT STAFF TIME COSTS

Equivalent staff time costs are based on a derivation of total annual operating costs using certain percentages related to professional time costs, and clerical, administrative and operating costs. Determining equivalent staff time costs helps in understanding the full costs of staff work, and in allocating administrative resources to projects and to the legal requirements and general obligation of the Fairbanks Town and Village Association.

It should be noted that the "Annual Operating Costs" from which these computations are derived does not reflect the total annual revenue and expenditures of the Association. The annual operating costs are the costs of maintaining permanent staff, offices and operations. Additional revenues are generated each year from project related grants which are usually limited in scope and duration and not necessarily renewed each year.

Project related grants which have been received or are firmly committed as of the publication date are listed as "Supplemental Financing" in the individual project descriptions.

The derivation of "Equivalent Staff Time Costs" for FY '78 is as follows:

a.	Total Operating Budget	\$129,820.00
b.	Monthly Operating Budget	10,818.00
c.	Weekly Operating Budget	2,596.00

The annual operating costs are divided into two categories:

1. Professional Time Costs:

These are evaluated based on the total costs of salaries and benefits for professional staff as a percentage of the total operating budget.

For FY '78, professional time costs are evaluated at roughly 61% of total operating costs and are broken down as follows:

a.	Annual	\$79,150.00
b.	Monthly	6,596.00
c.	Weekly	1,649.00

2. Support Costs:

These are evaluated based on the total costs of salaries and bene-

fits for non-professional staff plus all operating costs.

For FY '78, support costs are evaluated at roughly 39% of total operating costs and are broken down as follows:

a. Annual	\$50,670.00
b. Monthly	4,222.00
c. Weekly	1,056.00

The final element in deriving equivalent staff time costs is the allocation of a percentage of the total available support costs to each professional officer based on their percentage share of professional time costs:

For FY '78, these percentages are evaluated as follows:

Executive Director	Project Coordinator	Community Projects Officer
41%	33%	27%

Adding professional time costs plus support costs yields the following table of values for FY '78 operations:

	Executive Director	Project Coordinator	Community Projects Officer
Professional Time Costs	32,675	26,200	21,275
Support Costs	20,775	16,721	13,681

Equivalent Staff Time Costs:

Annually	53,450	42,921	34,956
4 man/weeks	4,454	3,577	2,913
3 man/weeks	3,341	2,682	2,185
2 man/weeks	2,227	1,788	1,457
1 man/week	1,114	894	728
1 man/day	223	179	146

NOTE TWO

SUMMARY OF STAFF TIME ALLOCATIONS AND PROJECT RESPONSIBILITIES

Jerry Smetzer, Executive Director

Supervisor: Category 1. Regional Transport Development
 Category 4. Petroleum Resource Policy

Total Time Allocations:	Annual Average %	40 hrs/week	50 weeks/year
Staff Supervision:	10%	4 hrs/week	5 man/weeks
Operational Requirements	20%	8 hrs/week	10 man/weeks
Community Interaction and Conferences	10%	4 hrs/week	5 man/weeks
Direct Project Activity	60%	24 hrs/week	30 man/weeks

Project and Program Time Allocations: 30 man/weeks

KEY WORD CODE	ALPHAMERIC	ALLOCATION
<u>Category 1</u>		
1. Transport Development	1.Pr.A.	4 man/weeks
2. ATPC	1.Pr.A. (1)	4 man/weeks
3. FAI Development	1.Pr.B.	3 man/weeks
4. Air Cargo Facility	1.Pr.B. (1)	2 man/weeks
5. Terminal Sewer Line	1.Pr.B. (2)	2 man/weeks
6. Jet Fuel Supply	1.Pr.B. (3)	1 man/week
7. International Carrier Refueling	1.Pr.B. (4)	2 man/weeks
8. C.A.B., A.T.C.	1.Pr.B. (5)	<u>1 man/week</u>
	Subtotal	19 man/weeks

<u>Category 4</u>		
1. Pipeline Demobilization	4.Pr.A.	1 man/week
2. Impact Analysis	4.Pr.A. (1)	3 man/weeks
3. OCS Support Facilities	4.Pr.B.	2 man/weeks
4. Arctic Research Expansion	4.Pr.B. (1)	3 man/weeks
5. UAF Museum	4.Pr.B. (2)	1 man/week
6. Natural Gas Development	4.Pr.C.	<u>1 man/week</u>
	Subtotal	11 man/weeks

Category 7

1. A-95 Review	7.Pt.(3)	<u>1</u> man/week
		Subtotal 1 man/week
		Total 31 man/weeks

Janice Farrell, Community Projects Officer

Supervisor: Category 3. Energy Conservation
Category 5. Human Services
Category 7. Community Information Service

Total Time Allocations:	Annual Average %	40 hrs/week	50 weeks/year
Staff Supervisor	30%	12 hrs/week	15 man/weeks
Operational Requirements	25%	10 hrs/week	13 man/weeks
Community Interaction and Conferences	10%	4 hrs/week	5 man/weeks
Direct Project Activity	35%	14 hrs/week	17 man/weeks

Project and Program Time Allocations 15 man/weeks

KEY WORD CODE ALPHANERIC ALLOCATION

Category 1

17. Ft. Yukon Dock	1.Pt.E.(1)	<u>1</u> man/week
		Subtotal 1 man/week

Category 2

3. South Side Water	2.Pt.A.(2)	1 man/week
4. Street Lights & Sidewalks	2.Pt.A.(3)	1 man/week
12. Fire Protection Program	2.Pr.C.	
13. Borough Fire Protection	2.Pr.C.(1)	
		Subtotal 2 man/weeks

Category 3

1. Energy Conservation	3.Pr.A.	2 man/weeks
------------------------	---------	-------------

2. Winterization Program	3.Pt.A. (1)	<u>2</u> man/weeks
	Subtotal	4 man/weeks

Category 5

1. Vocational Training	5.Pr.A.	3 man/weeks
2. Vocational Rehabilitation Center	5.Pt.A. (1)	2 man/weeks
3. Senior Citizen Program	5.Pr.B.	5 man/weeks
4. Senior Citizen Center	5.Pt.B. (1)	<u>4</u> man/weeks
	Subtotal	14 man/weeks

Category 7

3. Federal In-Lieu Payments	7.Pt.(3)	1 man/week
4. Municipal Revenue Sharing	7.Pt.(4)	<u>1</u> man/week
	Subtotal	2 man/weeks
	Total	23 man/weeks

P. mniewa Wescott, Project Coordinator

Supervisor: Category 2. Community Facilities Development
 Category 6. Renewable Resources Development

Total Time Allocations:	Annual Average %	40 hrs/week	50 weeks/year
Staff Supervision	10%	4 hrs/week	5 man/weeks
Operational Requirements	20%	8 hrs/week	10 man/weeks
Community Interaction and Conferences	15%	6 hrs/week	8 man/weeks
Direct Project Activity	55%	22 hrs/week	27 man/weeks

Project and Program Time Allocation:

KEY WORD CODE	ALPHAMERIC	ALLOCATION
---------------	------------	------------

Category 1

9. Rural Air Service	1.Pr.C.	4 man/weeks
----------------------	---------	-------------

10. Airfield, Navaid Construction	1.Pr.C. (1)	2 man/weeks
11. Local Service Roads	1.Pr.D.	2 man/weeks
12. Road Construction Priorities	1.Pt.D. (1)	2 man/weeks
13. Shageluk Airport Road	1.Pt.D. (2)	2 man/weeks
14. Grayling Road		
15. Anvik and Holy Cross Roads		
16. Waterways & Harbors	1.Pr.E.	
18. A.R.R. Canadian Connection	1.Pt. (1)	
		<hr/>
	Subtotal	16 man/weeks

Category 2

1. Capital Improvements Programming	2.Pr.A.	4 man/weeks
2. Capital Improvements Inventory	2.Pt.A. (1)	2 man/weeks
5. Nenana Government Center	2.Pt.A. (4)	
7. Nenana Sewer/Water	2.Pt.A. (6)	
8. McGrath Community Center	2.Pt.A. (8)	1 man/week
9. Warm Storage Building	2.Pr.B.	4 man/week
10. Utility Building Design	2.Pt.B. (1)	1 man/week
11. Grayling Warm Storage	2.Pt.B. (2)	
14. Anderson Fire Station	2.Pt.C. (2)	
17. New Communities Development	2.Pr.E.	
19. Communication Systems	2.Pr.F.	<u>1 man/week</u>
	Subtotal	13 man/weeks

Category 3

3. Waste Heat Utilization	3.Pr.B.	1 man/week
4. Pump 9 Waste Heat	3.Pt.B. (1)	1 man/week
5. Pump 6 Waste Heat	3.Pt.B. (2)	<u>1 man/week</u>
	Subtotal	3 man/weeks

Category 6

3. Minto Agricultural Pilot Project	6.Pt.A. (2)	1 man/week
4. Wood Products Development	6.Pr.B.	1 man/week
5. Regional Agricultural Development	6.Pr.C.	1 man/week

6. Big Delta Agriculture 6.Pr.C. (1)
7. Nenana Agriculture 6.Pr.C. (2)

Subtotal —
3 man/weeks

Category 7

2. Surplus Property 7.Pt. (4)

Total 32 man/weeks

APPENDIX A

Selected comparisons of 1972 projections of increased economic activity attributable to construction of the Trans-Alaska Pipeline with selected statistical reports available in 1976.

Total Alaska Population Comparison for July 1, 1975:

1972 projection for 1975	1975 statistics	% discrepancy
365,000 <u>1/</u>	404,600 <u>2/</u>	11%

Total Alaska Direct Pipeline Employment Comparison for 1975:

1972 projection for 1975	1975 statistics	% discrepancy
6,500 <u>3/</u>	34,400 <u>4/</u>	254%

Total Alaska Employment Comparison for 1975:

1972 projection for 1975	1975 statistics	% discrepancy
136,000 <u>5/</u>	164,900 <u>6/</u>	18%

SOURCES

1. A Study of the Economic and Sociological Impact of Construction and Initial Operation of the Trans Alaska Pipeline, Volume 1; Published September, 1972 by Mathematical Sciences Northwest. Page iii, "Executive Summary."
2. The Alaska Economy; Year-End Performance Report-1976, State of Alaska, Department of Commerce and Economic Development. Table 1, Page 2.
3. #1 Ibid. Page 16.
4. #2 Ibid. Page 7.
5. #1 Ibid. Figure 2, Page 17.
6. #2 Ibid

APPENDIX B

Selected 1974 projections of increased economic activity attributable to construction of the Trans-Alaska Pipeline with selected statistical reports available in 1976 and 1977.

Total Alaska Population Comparison for July 1, 1975:

1974 Projections for 1975	1975 Statistics	% Discrepancy
358,018 <u>1/</u>	404,600 <u>3/</u>	13%
387,000 <u>2/</u>		04%

Total Alaska Direct Pipeline Employment Comparison for 1975:

1974 Projection for 1975	1975 Statistics	% Discrepancy
15,600 <u>4/</u>	34,000 <u>5/</u>	47%

Total Alaska Civilian Employment Comparison for 1975:

1974 Projection for 1975	1975 Statistics	% Discrepancy
130,000 <u>6/</u>	164,900 <u>8/</u>	24%
151,000 <u>7/</u>		07%

SOURCES

1. Pipeline Impact A Report on State Findings, Assumptions and Projections regarding Construction of the Trans-Alaska Oil Pipeline. State of Alaska, Office of the Governor, Division of Planning and Research. Table II and III, Pages 6 and 7.
2. "Annual Population and Employment Projections," State of Alaska Department of Labor. Page 4.
3. The Alaskan Economy; Year-End Performance Report-1976, State of Alaska, Department of Commerce and Economic Development. Table 1, Page 4.
4. #2 Ibid. Page 1.
5. #3 Ibid. Page 7.
6. #1 Ibid. Table III, Page 8.
7. #2 Ibid. Page 4.
8. #3 Ibid.

APPENDIX C

1975 Regional Population Estimates

	1973	1975	% Change
Fairbanks	45,571	55,517	21.8
Southeast Fairbanks	4,285	5,894	27.3
Kuskokwim	2,484	2,721	9.5
Upper Yukon	1,655	8,780	430.5
Yukon-Koyukuk	5,082	8,423	65.7
Region Total	59,077	81,335	37.8

Notes: When the Initial OEDP was prepared, the projected 1975 regional population was 66,500. The July, 1975 estimate is 81,335, a difference of 14,835, or 22.3% more than originally projected.

Source: Current Population Estimates by Census Divisions, July 1, 1975. by the Alaska Department of Labor.

APPENDIX D

1973 Labor Force Statistics

	Region	Yukon- Koyukuk	Upper Yukon	Kuskokwim	Fairbanks
Total Work Force	18,960	1,453	669	537	16,301
Total Employed	16,665	1,253	596	440	14,376
Total Unemployed	2,295	200	73	97	1,925
% of Work Force	12.1	13.8	18.1	11.8	13.7
Nonag. Wage & Sal.	17,896	1,350	682	375	15,489
Mining	270**	**	165	**	105
Contract Const.	1,281**	**	106	**	1,175
Manufacturing	246**	00	00	**	246
Trans., Comm., P.U.	1,930	369	130	68	1,363
Trade	2,763**	60	**	24	2,679
Fin., Ins., R.E.	574**	**	**	00	574
Service & Misc.	2,772	94	64	22	2,592
Federal	3,031	350	56	118	2,507
State & Local	4,856	350	140	118	4,248

Source: Alaska Labor Force Estimates by Industry and Area. 1973. by the Alaska Department of Labor

** Reflects conflict with Alaska disclosure requirements.

APPENDIX E

1974 Labor Force Statistics

	Region	Yukon- Koyukuk	Upper Yukon	Kuskokwim	Fairbanks
Total Work Force	24,927	1,733	1,792	649	20,753
Total Employed	22,722	1,529	1,688	542	18,963
Total Unemployed	2,205	204	104	107	1,790
% of Work Force	8.8	11.8	5.8	16.5	8.6
Nonag. Wage & Sal.	24,930	2,224	2,488	468	19,750
Mining	867**	**	586	**	281
Contract Const.	5,360**	885	1,329	**	3,146
Manufacturing	307**	**	00	**	307
Trans., Comm., P.U.	2,600	366	198	68	1,968
Trade	3,358**	66	**	25	3,267
Fin., Ins., R.E.	636**	**	**	**	636
Service & Misc.	3,585	110	139	23	3,313
Federal	3,275	363	62	144	2,706
State & Local	4,720	327	140	127	4,126

** Reflects conflict with Alaska disclosure requirements.

Source: Alaska Labor Force Estimates by Industry and Area. 1974. by the Alaska Department of Labor