

ALASKA LEGISLATURE COMMITTEE FILES 1905-1900 00/2

4391 STRA AK. MARINE HWY. OVERVIEW - RS 2477 TASK FORCE RPT. 220



# RECORDS CERTIFICATION

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James A. Smith  
Signature of Camera Operator

11/24/89  
Date

ALASKA

MARINE

HIGHWAY

OVERVIEW

4-17-86

**Consultant's Project Review**  
**ALASKA MARINE HIGHWAY SYSTEM**  
**System Plan Development**

**being prepared for the**  
**Department of Transportation and Public Facilities**  
**Richard J. Knapp, Commissioner**

**Presented to the**  
**Transportation Committee**  
**Alaska State Senate**  
**April 16, 1986**

**by**  
**Boeing Computer Services Company**  
**in association with**  
**Arthur Young & Company**  
**H.W. Lochner, Inc**  
**Nickum & Spaulding Associates, Inc.**  
**ETA:2000, Inc.**

# **PRESENTATION OUTLINE**

---

- I. Purpose**
- II. Process Description**
- III. Products To Be Delivered**
- IV. Progress To Date**

## PURPOSE

---

- **Develop a long-range plan for AMHS, as recommended by the Governor's Task Force**
- **Provide guidance for daily operations as well as for long-term system development**
- **Deliver a working document and specify ongoing process, not just "another study to occupy shelf space."**

# PRIMARY ISSUES

---

- **General**
  - **Levels of service**
  - **Relationships between local and mainline service**
  - **Capital and operating funding needs & sources**
- **Specific**
  - **High speed ferry applications**
    - Southern Panhandle
    - System-wide
  - **Age of existing fleet**
  - **Private funding / contracting for services**
  - **Marketing**

# GIVENS

---

- **Southeast Transportation Plan Recommendations**
  - **Implementation of high speed ferries in Southern Panhandle**
  - **Seattle service to be maintained**
  - **Definition of communities to be served in the Southeast**
- **Initiation of Service to Hyder**
- **Development of Ketchikan maintenance facility**

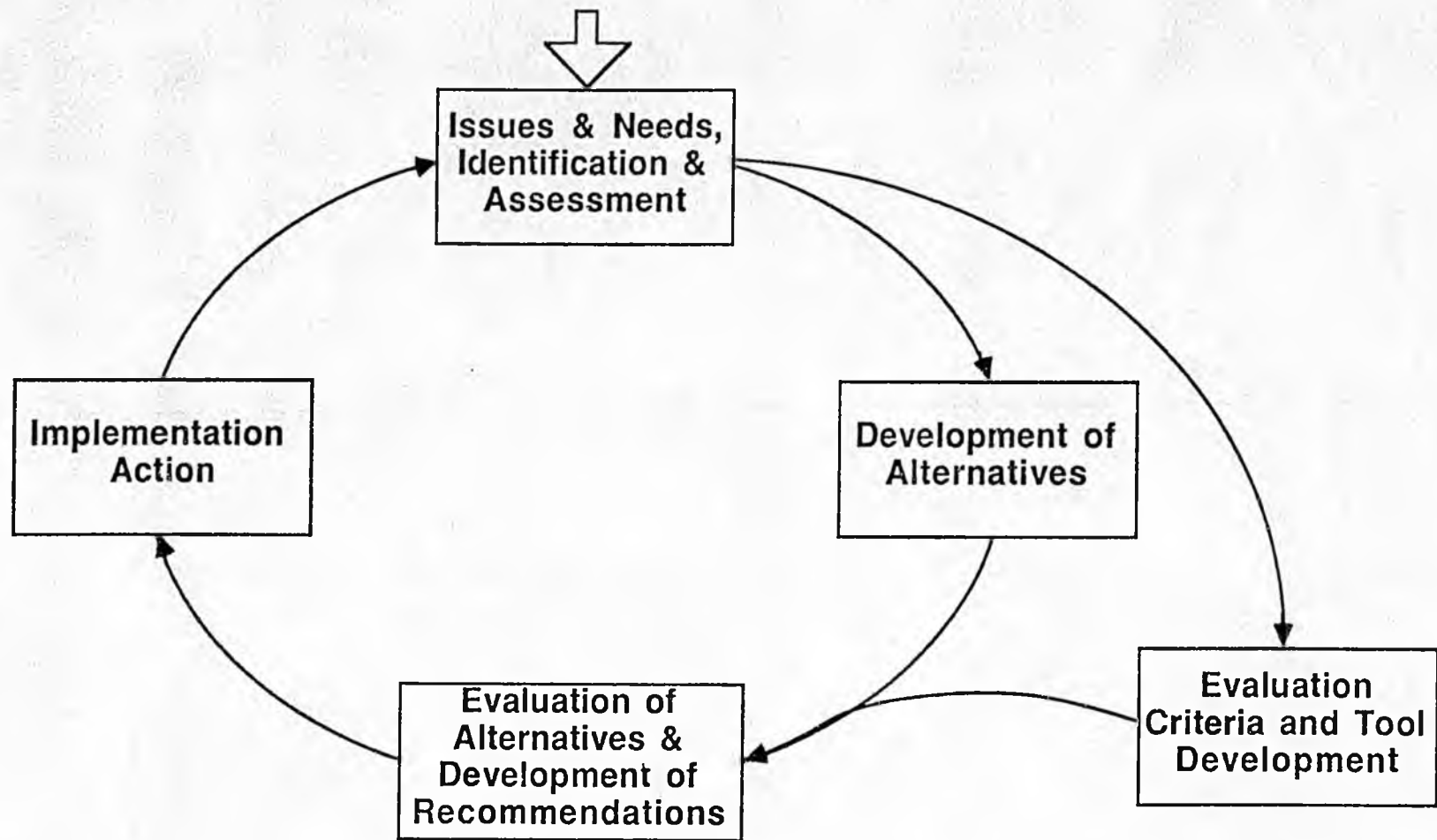
# PRESENTATION OUTLINE

---

- I. Purpose
- II. Process Description
- III. Products To Be Delivered
- IV. Progress To Date

# OVERALL PLANNING PROCESS

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# **SPECIFIC TASKS IN THIS PROJECT**

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- **Review Existing Plans**
- **Define Issues**
- **Collect Data**
- **Initiate Public Participation Program**
- **Develop Analytical Models**
- **Define Alternatives**
- **Analyze Alternatives**

## **SPECIFIC TASKS IN THIS PROJECT (cont)**

---

- **Evaluate and Select System Plan**
- **Develop Implementation Plan**
- **Citizen and Agency Review**
- **Final Documentation and Presentations**
- **Training of DOT&PF Staff**
  - **Plan update process**
  - **Model Applications**

# PRESENTATION OUTLINE

---

- I. Purpose
- II. Process Description
- III. Products To Be Delivered
- IV. Progress To Date

# GENERAL PRODUCTS TO BE DELIVERED

---

- **Mission Statement for the System**
  - **Goals**
  - **Objectives**
- **Policy Summary and Evaluation Criteria / Standards**
- **Recommended Actions Regarding:**
  - **Vessels and shore facilities**
  - **Operations**
  - **Financing**
- **CIP**
- **Long-Range Operating Projections**
- **Implementation Plan**
- **Process Definition and Analytical Modeling Tools**
  - **To provide for ongoing analysis**
  - **To respond to changes in operating and/or funding environment**

# **SPECIFIC PRODUCTS**

---

**BY JUNE 1986:**

- **High Speed Ferry (HSF) Evaluation and Recommendations for Southern Panhandle**
- **Analytical Models Operational**
  - **Vessel performance**
  - **Travel demand model prototype**
  - **Financial evaluation**
- **Financial Policy Evaluation and Recommendations**
- **Alternatives Defined**

## **SPECIFIC PRODUCTS (cont.)**

---

**BY AUGUST 1986:**

- **System-wide Physical Alternative Evaluation and Recommendations**
- **6-year CIP, 20-year Operating Projections**
- **Projected Funding Needs and Sources**
- **Analytical Models**
- **Follow-up Actions Defined**
  - **AMHS staff training in model application**
  - **Final documentation**
  - **Public and agency review**

# PRESENTATION OUTLINE

---

- I. Purpose
- II. Process Description
- III. Products To Be Delivered
- IV. Progress To Date

# PROGRESS TO DATE

TASK	STATUS
<ul style="list-style-type: none"><li>● Review Existing Plans</li><li>● Define Issues</li></ul>	<ul style="list-style-type: none"><li>● Completed March 31, 1986 (Work Memo A)</li><li>● Correspondence and reports reviewed</li><li>● Interviews of DOT&amp;PF, transport industry, and others in progress</li></ul>

## PROGRESS TO DATE (cont)

TASK	STATUS
● Collect Data	● Travel Survey Complete ● Marine Data Collection Complete ● Financial Data Identified ● Manufacturer's Questionnaire Completed ● Technical Resource Data Compiled
● Initiate Public Participation Program	● Design of Program Started
● Develop Analytical Models	● Transportation Demand Model Requirements Defined ● Marine Planning, Vessel Operations Models Defined ● Financial Analysis Models Defined ● Routing and Scheduling Model Definition in Progress

HIGH SPEED FERRY  
SELECTION PROCESS

FOR

SERVICE IN THE  
SOUTHERN PANHANDLE

HSF SELECTION PROCESS  
**PRESENTATION OUTLINE**

---

- I. Purpose**
- II. Known Constraints**
- III. The Process**
- IV. The Product**
- V. Progress**

## HSF SELECTION PROCESS

# PURPOSE

---

- To implement the Southeast Transportation Plan's recommendation for high speed ferry service in the Southern Panhandle region by using the emerging tools of the system planning process
- Subsequently, to apply the same planning methods to analyze establishment of high speed ferry service system-wide.
- To provide the Operation and Economic Comparison Model to the AMHS Staff for later alternative analysis using the same methods.

HSF SELECTION PROCESS

## **KNOWN CONSTRAINTS**

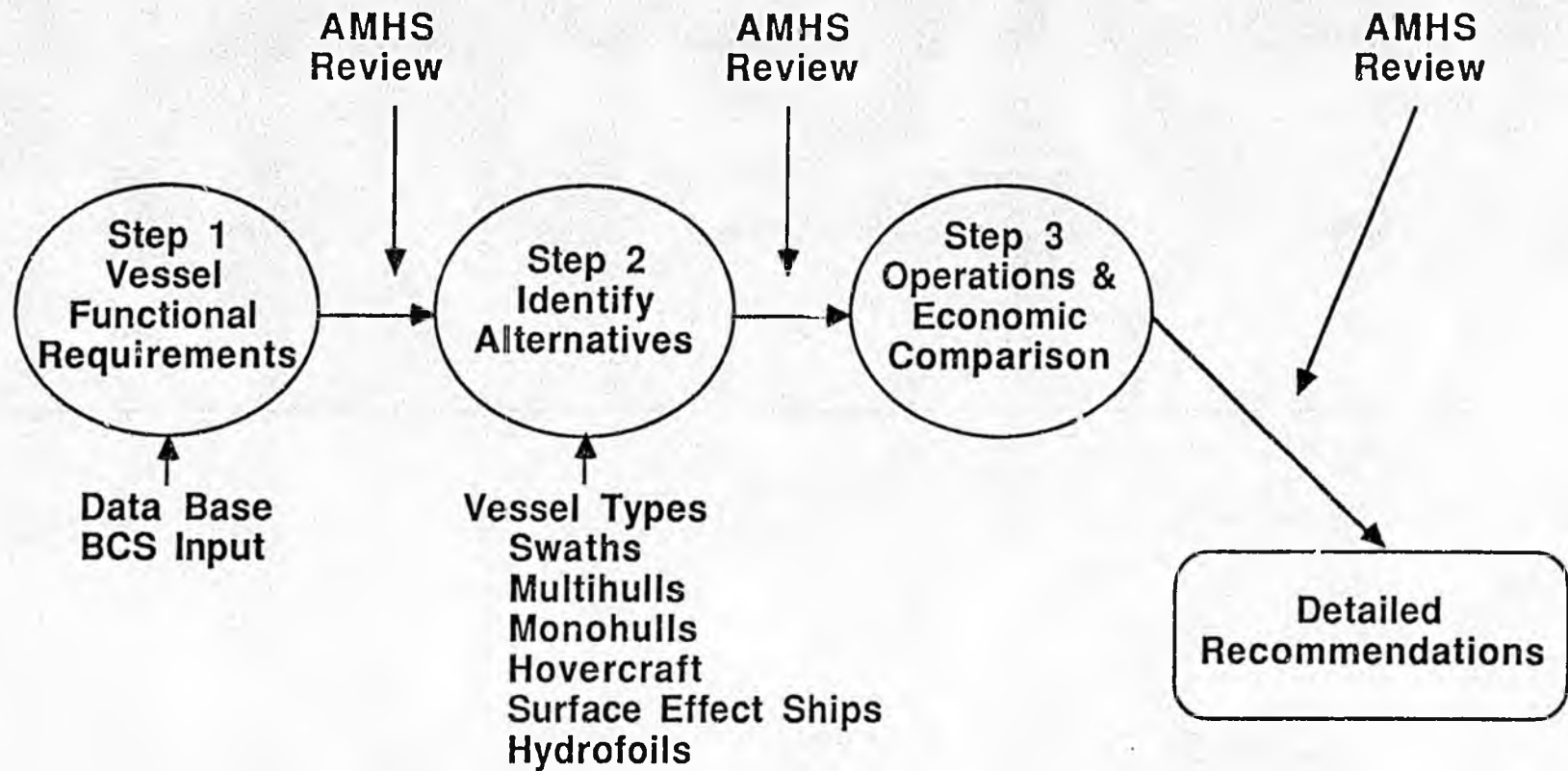
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- **Few High Speed Ferries carry vehicles and/or cargo**
- **Ferry to be a Day Boat -- Crew to Home Port Nightly**
- **Maximize Crew Productivity**
- **Maintainable in Alaska**
- **Minimum or No Modifications to Existing Terminals**
- **Serve in the Southern Panhandle Environment**
- **Minimize Risk and Damage from Object Strikes**
- **Acceptable Ride Quality — Acceptable Availability**
- **"Get Home" Capability**
- **Acceptable Wake and Effect on Shorelines**

# HSF SELECTION PROCESS

## THE PROCESS

---



## HSF SELECTION PROCESS

# THE PRODUCT

---

- **Requirements Review**
- **Review of Candidate Vessels to be Modeled**
- **Definition of Preferred Vessel(s) Characteristics:**
  - **Vessel Type**
  - **Vehicle and Cargo Capacity**
  - **Passenger Capacity**
  - **Speed (at full load, engine at continuous rating)**
  - **Crew Size and Qualifications**
  - **Propulsion & Generator Engine Types**
  - **Loading & Unloading Configuration**
  - **Features to Accomodate Terminals**
  - **Features for Protection from Object Strikes**
  - **Vehicle & Cargo Deck Strength Requirements**
  - **Wake Limitations**
  - **Maximum G Forces on Passengers at Operating Speed in a Specified Sea State**

## HSF SELECTION PROCESS

# PROGRESS

---

- **Developed Data Bases Including**
  - UMTA Study
  - Southeast Transportation Study
  - Consultant's Files
  - Questionnaire to Manufacturers
- **Preliminary Functional Requirements Definition Started**

**HSF SELECTION PROCESS**

**PROGRESS (cont)**

---

- **Next Milestones**

**By 5/15: Requirements Review**

**By 6/6: Review of Candidate Vessels  
to be Modeled**

**By 6/30: Definition of Preferred Vessel(s)  
Characteristics**

- **Subsequent Milestones**

**System-Wide Evaluation of High  
Speed Alternatives**

**Impact of High Speed Service on  
Other Routes, Schedules and  
Costs**



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James A. Smith  
Signature of Camera Operator

11/24/89  
Date

RS 2477

TASK

FORCE

REPORT

**Senate Transportation Committee  
RS 2477 Task Force  
Report**

**Submitted By  
Malcolm B. Roberts  
and  
Valerie Taliman Chavez**

**January 17, 1986**

**Senate Transportation Committee  
RS 2477 Task Force  
Report**

**Submitted By  
Malcolm B. Roberts  
and  
Valerie Taliman Chavez**

**January 17, 1986**

# Malcolm B. Roberts & Associates

Consulting - Community and Government Relations

## MEMORANDUM

TO: . Senator Jack Coghill, Chairman  
Senate Transportation Committee

FROM: Malcolm Roberts/Valerie Taliman Chavez  
RS 2477 Task Force

DATE: January 17, 1986

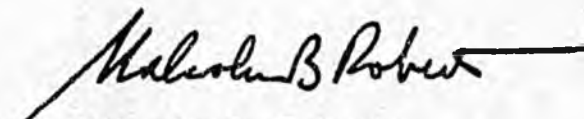
RE: Report on RS 2477 Contract  
July 1 - December 31, 1985

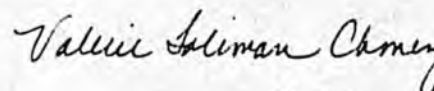
Enclosed herewith is our report on the 1985 RS 2477 contract. Xerox copies of the eight (8) National Park Service maps and trail descriptions are included in Section I of this report. The nine (9) U.S. Fish and Wildlife Service maps and trail descriptions can be found in Section II. Correspondence highlighting the development of this project is also included in appropriate sections, as is the draft State policy paper on this issue, press reports, and other germane materials.

We stand ready to provide an oral report on our work to you and members of the Transportation Committee(s) or any other forum you choose.

It has been a pleasure working on this issue, which promises to have great significance for our state.

With best regards,

  
Malcolm B. Roberts

  
Valerie Taliman Chavez

RS 2477 TASK FORCE 1985 REPORT

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RS 2477 TASK FORCE  
1985 REPORT

For contract period July 1, 1985 to December 31, 1985

EXECUTIVE SUMMARY

Revised Statute 2477 was an Act passed by Congress in 1866 which provided for rights-of-way for "highways" over unreserved public lands. Under Alaska statutes, the definition of a highway is very broad and includes roads, streets, trails and walks.

The RS 2477 issue has received more attention in recent months as federal agencies prepare management plans which will govern the use of park and refuge lands created by the Alaska National Interest Lands Conservation Act (ANILCA). See Appendix for news articles.

When the Alaska National Interest Lands Conservation Act (ANILCA) was passed in 1980, it conveyed millions of acres of land into 16 national wildlife refuges and 13 national parks, which now fall under federal management.

ANILCA also required, within five years of its passage, the preparation of conservation and management plans for each national park and refuge established. In 1985, the National Park Service (NPS) was in the process of completing 13 general management plans; the U.S. Fish and Wildlife Service (FWS) has issued draft comprehensive conservation plans for 8 of its 16 plans. These plans will be presented to Congress in 1986 and 1987.

In his role as Chairman of the Senate Transportation Committee, Senator Jack Coghill saw a need to assure that Alaska's people will not be prevented from using the roads and trails that historically have connected communities throughout the state. Where these trails cross a park or refuge, the State-owned rights-of-way prevail and should not be curtailed by federal regulations restricting or prohibiting access. Some observers had expressed the fear that if State ownership is not recognized in federal planning documents prior to adoption by Congress, only an act of Congress could grant a right-of-way in the future, as was the case when NANA secured a right-of-way for Red Dog Mine this year.

On July 1, 1985, Senator Coghill formed a task force, comprised of Malcolm Roberts and Valerie Taliman Chavez, to ensure that the federal management plans adequately recognize these historic trails. Working with the Alaska Departments of Natural Resources and Transportation/Public Facilities, the task force prepared maps and a list of possible RS 2477 rights-of-way that the State wants included in these federal plans. By December 31, 1985, the task force identified 159 trails in 9 national parks and 85 trails in 11 national wildlife refuges. Maps and trail descriptions for national parks are detailed in Section I of this report. Maps and trails descriptions for national wildlife refuges are contained in Section II.

Trail information was derived from the 1974 Alaska Trails System Inventory, an atlas developed by former Commissioner of Highways Bruce Campbell to catalog the state's 1,400 known trails. The inventory was sent to the Bureau of Land Management (BLM) in 1974, before that agency had any authorization to deal with RS 2477's. However, the inventory was shelved by BLM and no formal response was made to acknowledge the State's ownership of these trails.

Only now has an inter-agency effort begun to respond to the rising interest in RS 2477. The Department of Interior (DOI) formed a RS 2477 Task Force in September, 1985, under the leadership of Ric Davidge of the U.S. Fish & Wildlife Service. The members include representatives of the Fish & Wildlife Service, National Park Service, Bureau of Land Management, U.S. Forest Service, Bureau of Indian Affairs, Alaska Federation of Natives, Alaska Native Land Managers Association, Alaska Department of Natural Resources, Alaska Department of Transportation/Public Facilities, the Office of Management & Budget/CSU Coordinator and the Senate Transportation Committee. Activities of this task force and a list of its membership are referred to in Section III, along with documentation of Interior Assistant Secretary Bill Horn's decision to include maps in the federal plans.

The State of Alaska has recently taken a positive posture by publishing draft policies and procedures governing RS 2477 trails. This well-written and well-researched document spells out the State's intent to deal with all the issues surrounding these trails in a fair manner. It includes the criteria used to determine a RS 2477, as well as issues relating to liability, maintenance and use. A copy is provided in Section IV. The deadline for public comments was January 6; a revised draft reflecting the input received will be published by March.

In the course of studying the RS 2477 question, the task force became aware of a significant issue that should be better understood by both state and federal officials. Section 103 (c) of ANILCA provides that only those lands that are "public lands" (not state) are subject to federal regulation. Pre-existing property rights of the State remain under state management. This includes R.S. 2477 roads and trails. (See page 102, memorandum by Ric Davidge and page 109, RS 2477 case law paper by Ted Bingham, Chief of Right-of-Way, Bureau of Land Management, Washington, D.C.)

This task force feels that it is essential for the State and its people to maintain their ownership rights to these trails. What's at stake is access for homesites, fishing, recreation, mineral development, forestry, agriculture and travel between villages, not only for the present, but for many generations in the future.

-----

This task force would like to thank the following individuals and agencies for their input and assistance: Assistant Secretary Bill Horn, Vern Wiggins, Ric Davidge, U.S. Department of Interior; U.S. FWS Regional Director Robert Gilmore; BLM Regional Director Mike Penfold; NPS Regional Director(s) Roger Contor and Boyd Evison; Commissioner Esther Wunnicke, Tom Hawkins, and Gary Gustafson, Alaska Department of Natural Resources; Commissioner Richard Knapp and Mark Hickey, Alaska Department of Transportation/Public Facilities; Sally Gibert, CSU Coordinator, Office of Management and Budget; Janie Leask and Lawrence Kimball, Alaska Federation of Natives; Representative Adelheid Herrman, who chaired a special AFN RS 2477 workshop; Ruth Packard of Senator Tim Kelly's staff, and the able staff of the Anchorage Legislative Information Office.



SECTION I - NATIONAL PARK SERVICE

Senator John B. (Jack) Coghill  
Alaska State Legislature

Douch 1  
Juneau, Alaska 99811  
(907) 465-4745

Box 458  
Kenai, Alaska 99701  
(907) 652-5471

June 27, 1985

Mr. Roger Contor  
Regional Director of Alaska Regional Office  
National Park Service  
2525 Gambell Street  
Room 107  
Anchorage, AK 99503

Dear Mr. Contor:

This letter is to inform you that I am in the process of preparing assertions on the RS 2477 rights-of-way that lie within and across the National Park Systems that your agency is studying at the present time. These systems include:

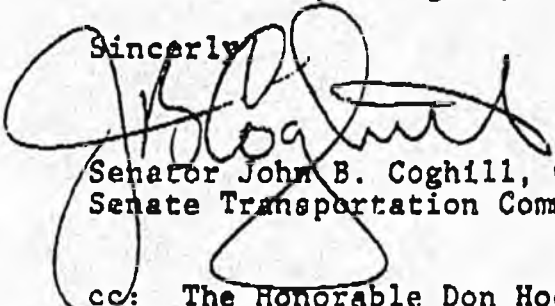
Cape Krusenstern National Monument  
Kobuk Valley National Park  
Noatak National Preserve  
Bering Land Bridge National Preserve  
Gates of the Arctic National Park and Preserve  
Denali National Park and Preserve  
Wrangell-St. Elias National Park and Preserve  
Katmai National Park and Preserve  
Aniakchak National Monument and Preserve

This action is pursuant to legislative action taken during the session in Senate Joint Resolution (SJR 10).

In the public interest, it is vital that all potential RS 2477 rights-of-way are included in these management plans. Specifically, I request that they be included on at least one of the maps in each plan.

As time is short, I would appreciate the cooperation of your staff in helping us prepare this information in a manner suitable to your agency.

Sincerely,



Senator John B. Coghill, Chairman  
Senate Transportation Committee

cc: The Honorable Don Hodel, U.S. Secretary of the Interior  
Michael Penfold, Alaska Regional Director, BLM

# Alaska State Legislature

SENATOR  
JOHN B. "JACK" COGHILL  
Chairman


Senator Jim Falke—Vice Chairman  
Senator Mitch Ahood  
Senator Paul Fischer  
Senator Joe Josephson



POUCH V  
JUNEAU, ALASKA 99811  
(907) 465-4921

## Senate Committee on Transportation

TO: Roger Contor, Regional Director  
Michael Finley, Associate Director of Operations  
National Park Service

FROM: Senator Jack Coghill 

DATE: July 16, 1985

RE: Inclusion of the State of Alaska's R.S. 2477 assertions in the  
N.P.S.'s General Management Plans.

My sincere thanks for the meeting with you and your staff. So that we have a memo for our file--my understanding of the outcome of that meeting was as follows.

1. It is in the public interest to include the State of Alaska's R.S. 2477 right-of-way assertions in both list and map format in the nine General Management Plans (GMPs) currently being finalized. We understand from you that Assistant Secretary Bill Horn concurs with this decision.
2. By the middle of next week, you will inform us of any changes in the rewritten boilerplate statement on R.S. 2477's that I drafted and delivered. These paragraphs, which introduce the issue to the public will be included in all nine plans.
3. By July 29, Malcolm Roberts and Valerie Chavez of my Task Force, working with Sally Gilbert of OMB, Mark Hickey of DOT/PF and Gary Gustafson of DNR, will prepare a list of all of the state's R.S. 2477 assertions that may influence land management in the CSU's. These lists will be delivered to Linda Nebel.
4. By August 18, we will prepare one map for each GMP that indicates the location of each R.S. 2477 assertion listed.
5. We will work with you to write a clear caveat for inclusion on each map so that they are not misinterpreted by the public.

6. In time for the Alaska Land Use Council on September 18 (if possible), and certainly in time for actual final printing of the plans, we will prepare the R.S. 2477 maps in a style and quality that matches the maps in the draft publications.

After our meeting, Malcolm, Valerie and I met with Linda and her staff. As several artists, including some in Denver, were involved in production of the draft plans, Linda agreed to obtain copies of the original base maps and the mylar overlays that delineate each park or preserve. With these in hand, we can then complete the assignment of adding the R.S. 2477's in the appropriate artistic style within the tight time frame.

If it is an issue, we will be responsible for the costs of duplicating this art work and for shipping it here via rapid carrier. Please let us know as soon as possible about this matter.

If any of the points of agreement have been stated incorrectly, please let me know in Juneau at 465-4921 and send me your corrections in writing.

cc: The Honorable Don Hodel, Secretary of the Interior  
Commissioner Richard Knapp, Alaska Department of Transportation and Public Facilities  
Commissioner Ester Wunnicke, Alaska Department of Natural Resources  
Sally Gilbert, State CSU Coordinator

# Alaska State Legislature

SENATOR  
B. "JACK" COGHILL  
Chairman

Senator Jan Feltz—Vice Chairman  
Senator Mitch Abood  
Senator Paul Fisher  
Senator Joe Josephson



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JUNEAU, ALASKA 99811  
(907) 465-4921


## Senate Committee on Transportation

TO: Roger Contor, Regional Director  
National Park Service

FROM: Senator John B. Coghill, Chairman  
Senate Committee on Transportation

Date: July 29, 1985

RE: R.S. 2477 Rights-of-way- in CSU's



As we agreed in our meeting of July, I am submitting the following list of R.S. 2477 rights-of-way which have been asserted by the State of Alaska for inclusion in nine of the General Management Plans. The list, compiled for each Conservation System Unit, provides for name of each R.S. 2477 trail with a general description of the trail's course.

The corresponding maps which detail the trails within each park system will be delivered to your office on August 18 as planned so that they may be published in the General Management Plans for each Conservation System Unit.

I appreciate your assistance in making this opportunity available for the general public to become aware of these historic rights-of-way. I will be following the progress of the GMP's after your departure from the National Park Service and I am looking forward to seeing the finished product.

Again, thanks for your help and best wishes for an enjoyable retirement.

cc: The Honorable Don Hodel, Secretary of the Interior  
Ric Davidge, Assistant Secretary's Office  
Linda Nebel, NPS Planning Chief

# Alaska State Legislature

SENATOR  
**JOHN B. "JACK" COGHILL**  
Chairman

Senator Jan Faiks—Vice Chairman  
Senator Mitch Abood  
Senator Paul Fischer  
Senator Joe Josephson



POUCH V  
JUNEAU, ALASKA 99801  
(907) 465-4921

## Senate Committee on Transportation

TO: Bob Peterson, Acting Regional Director  
National Park Service

FROM: Senator Jack Coghill, Chairman *Valerie Chmely for*

DATE: August 28, 1985

RE: R.S. 2477's Right-of-way in CSU's

To follow up on the list of trails I submitted on July 31, I have attached a revised list of R.S. 2477 rights-of-way which have been asserted by the State of Alaska for inclusion in the General Management Plans. The list, compiled for each Conservation System Unit, provides the name of each R.S. 2477 trail with a general description of the trail's course.

The corresponding maps which detail the trails within each park system accompany this list so that they also may be published in the General Management Plans.

I appreciate your assistance in assuring that our agreement with Roger Contor is carried out and I am looking forward to seeing the finished product.

cc: The Honorable Don Hodel, Secretary of the Interior  
Bill Horn, Assistant Secretary of the Interior  
Ric Davidge, Assistant Secretary's Office  
Linda Nebel, NPS Planning Chief

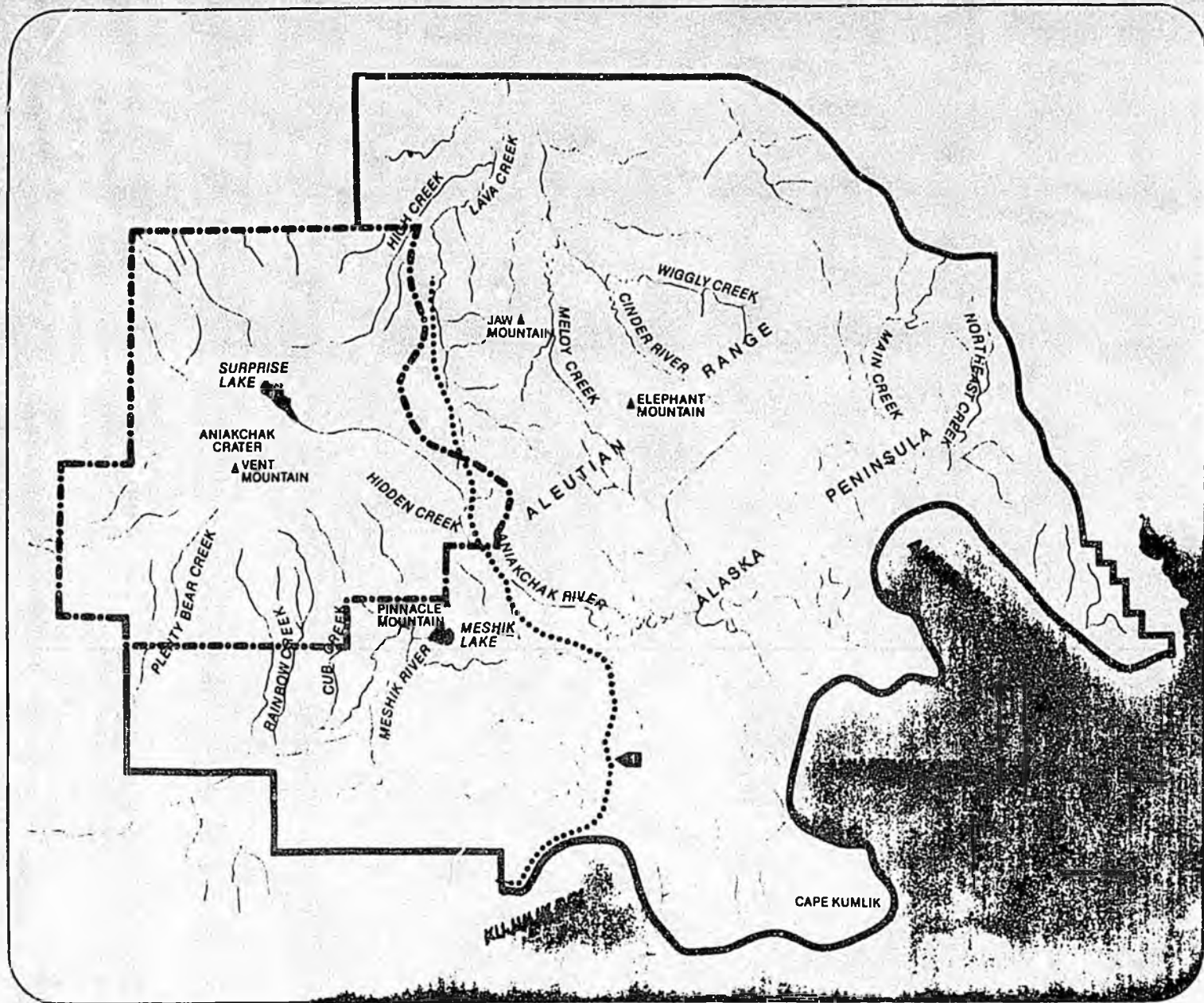
SUMMARY OF POSSIBLE RS 2477 RIGHTS-OF-WAY IN NATIONAL PARKS

<u>Alaska's National Parks</u>	<u># of trails</u>
1. Aniakchak National Monument & Preserve	1
2. Bering Land Bridge National Preserve	13
3. Cape Krusenstern National Monument	2
4. Denali National Park & Preserve	28
5. Gates of the Arctic National Park & Preserve	7
6. Glacier Bay National Park & Preserve*	
7. Katmai National Park & Preserve	3
8. Kenai Fjords National Park*	
9. Kobuk Valley National Park	1
10. Lake Clark National Park & Preserve*	
11. Noatak National Preserve	0
12. Wrangell-St. Elias National Park & Preserve	104
13. Yukon-Charley Rivers National Preserve*	
Total trails	159

\* The General Management Plans (GMP's) for these parks were completed before this task force began work.

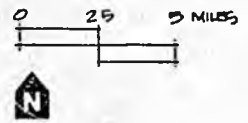
Trail information was derived from the 1974 Alaska Existing Trails Inventory, however, it is not a complete compilation of all possible RS 2477 rights-of-way in the state.

The GMP's were scheduled to be presented to Congress in December, 1985. This deadline was postponed by NPS on November 20, 1985 and the nine draft plans listed above were released for an additional 60-day comment period which ends on February 9, 1986. The plans will be revised to include additional comments and information, including possible RS 2477 rights-of-way, before being sent to Congress in late spring.



**POSSIBLE R.S. 2477  
RIGHTS-OF-WAY**  
**ANIAKCHAK**  
**National Monument  
and Preserve**

- — — MONUMENT BOUNDARY
- PRESERVE BOUNDARY
- ..... POSSIBLE R.S. 2477 TRAIL
- ▲ R.S. 2477 TRAIL NO.  
(This number corresponds to the Alaska Existing Trails System Source State of Alaska Department of Transportation/Public Facilities. Submitted April 1974)



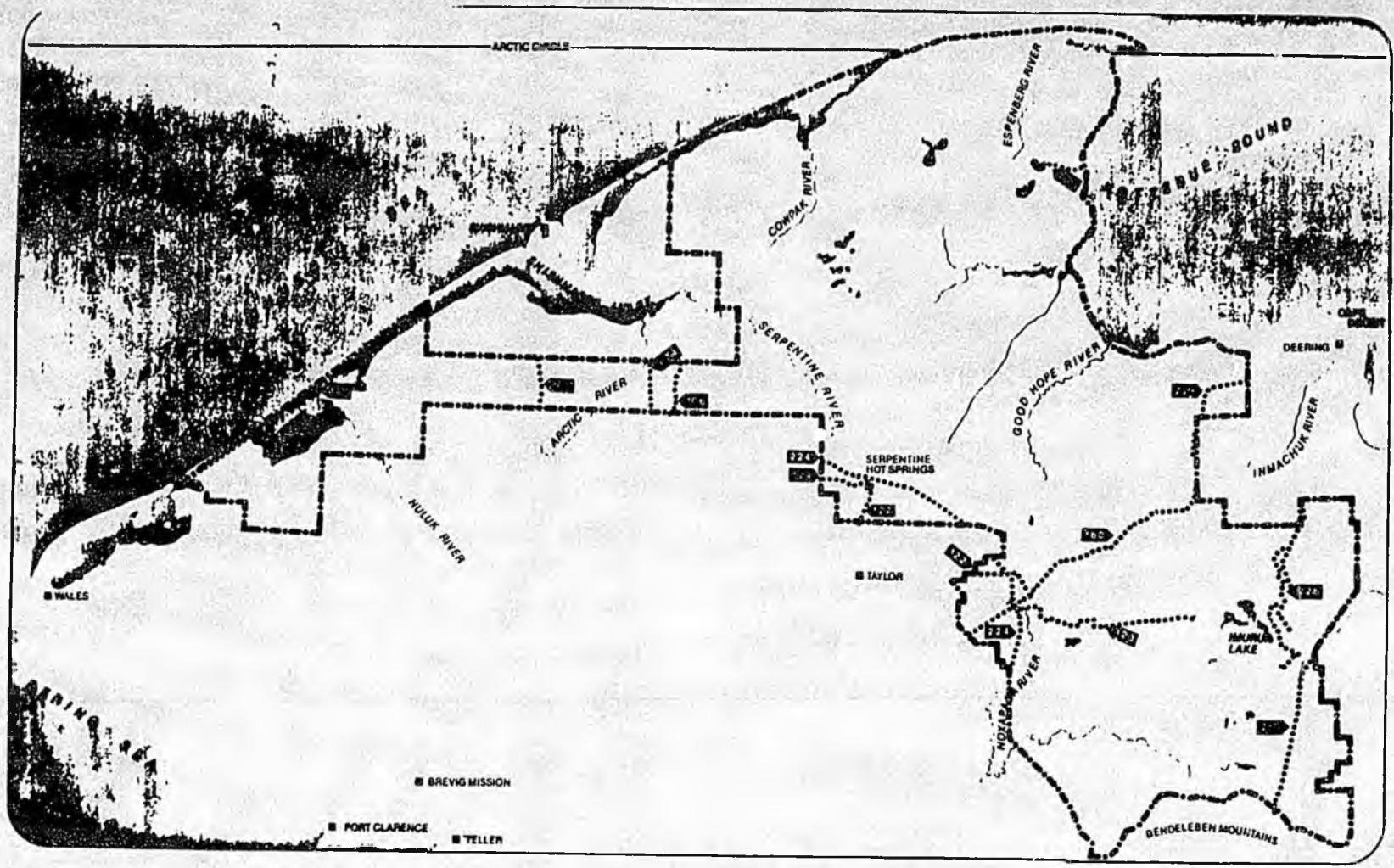
## ANIACHAK NATIONAL MONUMENT

The following possible R.S. 2477 rights-of-way have been identified within the boundaries of Aniakchak National Monument according to the 1974 Alaska Trails System inventory. The trails are listed by quadrangle corresponding to the U.S.G.S. 1:250,000 scale map series for Alaska.

### Trail 1 Chignik Lagoon Trail NE (Kujulik Bay south of High Creek)

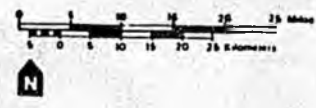
Identification - Quad 31, at Chignik Lagoon (Indian Village)

Description: The trail runs northeast along coast of Chignik Bay, crosses land to Kujulik Bay, runs along coast northeast to north fork, runs north via Lava Creek.



**POSSIBLE R.S. 2477  
RIGHTS-OF-WAY  
BERING LAND  
BRIDGE  
National Preserve**

- PRESERVE BOUNDARY
  - ..... POSSIBLE R.S. 2477 TRAIL
  - R.S. 2477 TRAIL HQ
- (The number corresponds to the 2 mile Existing 3000 System Route Maps of Alaska Department of Transportation/Public Facilities, Submitted April 1974)



## BERING LAND BRIDGE NATIONAL PRESERVE

The following possible R.S. 2477 rights-of way have been identified within the boundaries of the Bering Land Bridge National Preserve, according to the Alaska Existing Trails System inventory. The trails are listed by quadrangles corresponding to the U.S.G.S. 1:250,000 scale map series for Alaska.

### Trail 122 Kougarok River Winter Trail (east of Taylor)

Identification - Quad 110, T5N, R30W, KRM

Description: The trail is located in T5N, R29 & 29W, KRM, also eastern 2/3 of T5N, R30W, T4N, R28W, 29, 30W, T3N, R28, 29, 30W, T2N, R28, 29, & 30W, T1N, R28, 29, 30W.

### Trail 123 Noxapaga River Trail (southeast area, near Imuruk Lake)

Identification - Quad 110, T1N, R27W

Description: Boulder Noxapaga River district; trail system located in T1N, R27W, T2N, R26, 27W, T3N, R26, 27W, T4N, R26, 27W, T5N, R25, 26W, KRM.

### Trail 160 Dahl Creek/Candle Trail - 140 mile trail (near Immachuk R.)

Identification - Quad 110, Candle to Kougarok River

Description: The trail runs in a northeasterly direction from Dahl Creek to the Kougarok River, following the east slope of the divide to the head of Boulder where it crosses into Aurora Creek. It follows to the mouth of Aurora Creek, crosses the Norapaga and goes up Berry Creek, crossing the divide to the mouth of the right fork of Good Hope, then up Cottonwood to Divide Creek then up Divide Creek, crossing the divide and following ridge to the Immachuk River. Trail goes down the Immachuk to Arizona Creek, then easterly over the divide to Wade Creek, then crossing Wade Creek in an easterly direction to the Kugruk Flats toward the Kugruk River, then easterly over the divide to the mouth of Paterson, then down the Candle. It continues from Candle Creek Road to Candle, with spur running from Camp 19 up Candle Creek about 2 miles.

### Trail 213 White Mountain/Kugruk Lagoon Trail (below Imuruk Lake)

Identification - Quad 110, White Mountain to Kugruk Lagoon

Description: The trail runs from 6 miles northwest of White Mountain on Trail 97 going up Fish River thence across Kugruk River over continental divide to Kugruk River then down same to Kugruk Lagoon.

Trail 223 Sullivan Lake (west of Deering)

Identification - Quad 110, Sullivan Lake

Description: The trail runs from Sullivan Lake on Kotzebue Sound southwest to top of ridge, then along top of hill to the head of Hannum Creek and Trail 160.

Trail 224 Kuzitrim/Shishmaref Inlet (above Noxapaga River)

Identification - Quad 110, Shishmaref

Description: The trail goes from the mouth of Kuzitrim River at Mary's Igloo upstream to Noxapaga River up the Noxapaga River to divide, thence following the divide west to Serpentine Hot Springs, Lone Butte Creek, Serpentine Creek, Snowshoe Creek, Eldorado Creek, Bonanza Creek and down to Arctic and then to Shishmaref Inlet following Arctic River.

Trail 226 Fink Creek (east corner of map)

Identification - Quad 110, Fink Creek

Description: The trail is a series of loops and off-shoots from Fink Creek up Pinnell River and along Fairhaven Ditch to Kettle Dome and Imuruk Lake area.

Trail 100 Nome/Shishmaref Coastal Winter Trail (west border of map)

Identification - Quad 111, Nome/Teller/Shishmaref

Description: The trail begins in Nome and follows coastline north across Penny River, Sinuk River around Cape Douglas cutting across peninsula south of Port Clarence, around Cape Riley to Teller. Trail proceeds northwest along coast on both sides of Brevig Lagoon across Lost River through Tin City, around Cape Prince of Wales, along coast past Lopp Lagoon, Ikpek Lagoon and Arctic Lagoon and Shishmaref Inlet to Shishmaref village.

Trail 105 Shishmaref/Teller (near Arctic River)

Identification - Quad 111, Teller Winter Trail

Description: The trail runs from the village of Shishmaref southwest across Shishmaref Inlet to Tin Creek to Kreuger Creek near Ear Mountain down Kreuger Creek to Arctic River upstream to Idaho Gulch, crossing to the north fork of the Nuluk River and down the Nuluk to junction of south fork. Proceeds down south fork crossing a divide to Arctic Creek downstream to Short Creek, thence to the Agiapuk River, crossing that river and following upstream on Dese Creek to headwaters of Bay Creek and south to Teller.

Trail 106 Shishmaref/Teller - east route winter trail (near Arctic River)

Identification - Quad 111, Shishmaref

Description: The trail runs from the village of Shishmaref east across inlet to the mouth of the Savagvich River upstream to Bonanza Creek to headwaters crossing over to Portage Creek then downstream to cross and follow upstream on the west Agiapuk River turning south near Trail 105 to Bay Creek near Teller.

Trail 124 Serpentine Hot Springs/Budd Creek (near Serpentine Hot Springs)

Identification - Quad 111, T3, 4, 5N, R29, 30, 31, 32 & 35W, KRM

Description: The trail starts from Serpentine Hot Springs and runs west across Mukluk Creek turning southwesterly to Bryan Creek following same past McKinley Creek across to south fork of Serpentine River dividing with one spur running south up Star Creek then across continental divide to tributary of Budd Creek. The other spur runs west to Quartz Creek and along same to its head and across continental divide to east Portage then south to mouth of Eldorado Creek at confluence of Budd Creek.

Trail 107 Killeak Lake/Otz Sound (near Kotzebue Sound)

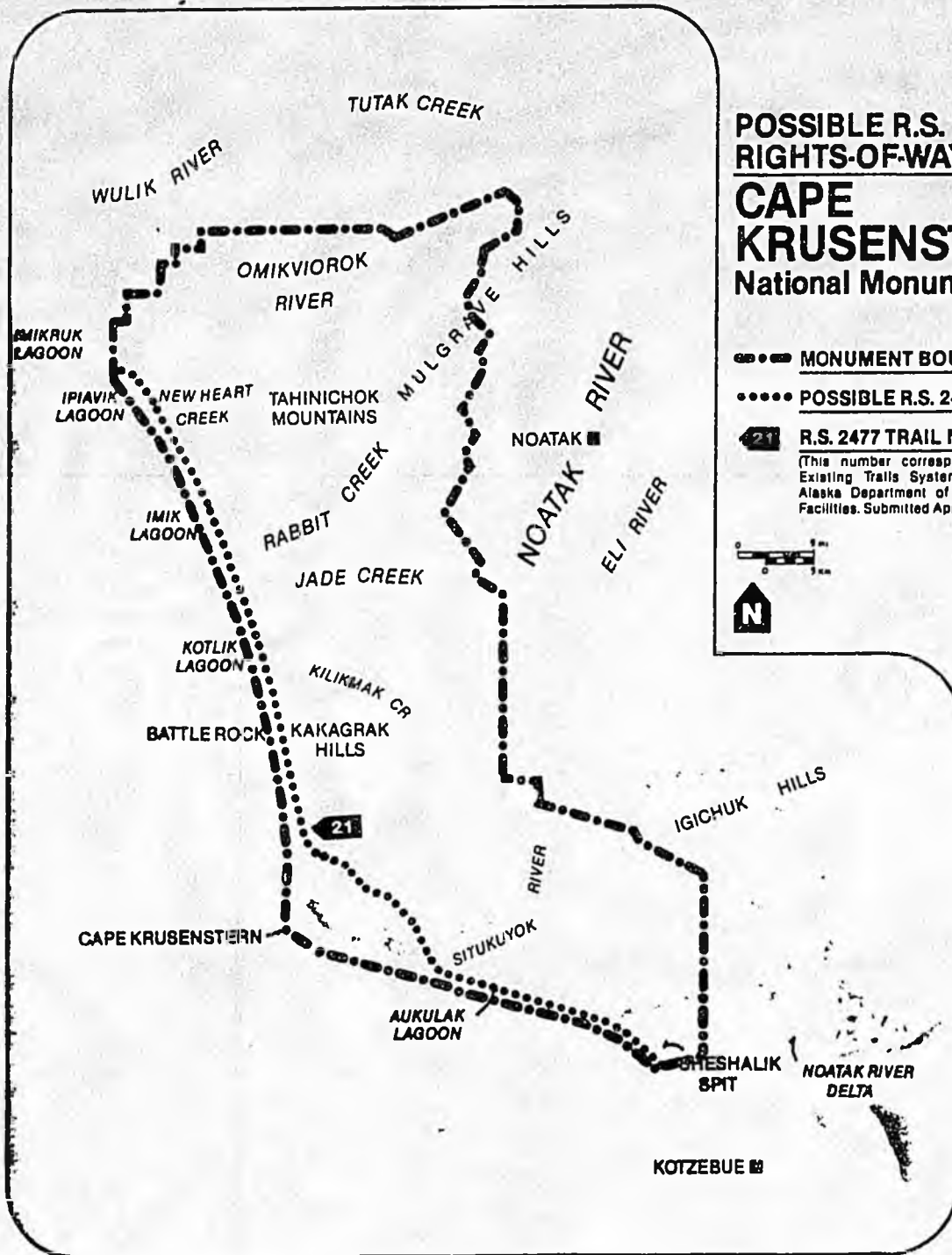
Identification - Quad 113, T11N, R24 & 25W KRM

Description: The trail runs in T11N, R24 & 25W KRM approximately 5 miles from North Killeak Lake to coast on Kotzebue Sound.

Trail 223 Kotzebue/Sullivan Lake (near Deering)

Identification - Quad 113, Sullivan Lake

Description: The trail runs from Sullivan Lake on Kotzebue Sound south to top of ridge, then along top of hill to head of Hannum Creek and Trail 160.



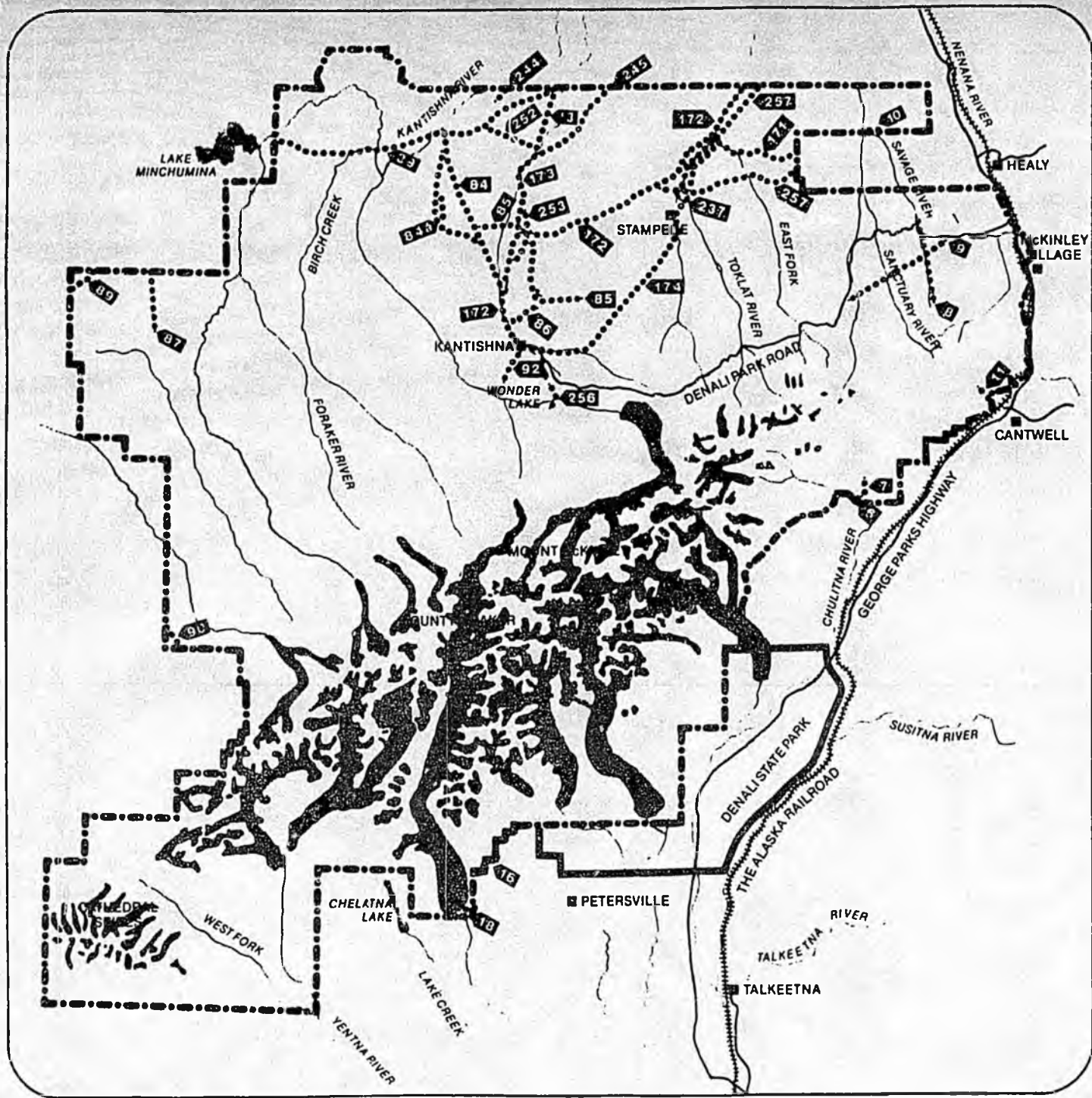
## CAPE KRUSENSTERN NATIONAL MONUMENT

The following possible R.S. 2477 rights-of-way have been identified within the boundaries of the Cape Krusenstern National Monument, according to the Alaska Existing Trails System inventory. The trails are listed by quadrangles corresponding to the U.S.G.S. 1:250,000 scale map series for Alaska.






### Trail 21 Coastline Winter Trail (Sheshalik Spit to Imikruk Lagoon)

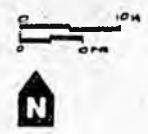
Identification - Quad 128, coastline winter trail

Description: Trail runs from the north end near mouth of Kurupuk Creek in T31N, R30W, KRM. Winter trail proceeds southeast along coast through Cape Seppings, Kivalina, Imikruk Lagoon, Imik Lagoon, Kilignak Inlet, Tasaychek Lagoon, to Krusenstern Lagoon. Passes Kasik Lagoon on east side through Talikoot returning to shoreline at mouth of Tukrok River, following coast to Sheshalik, T18N, R19W, across to Kotzebue. T17N, R18W, KRM.



**POSSIBLE R.S. 2477  
RIGHTS-OF-WAY**  
**DENALI**  
**National Park and Preserve**

-  **PARK BOUNDARY**
-  **PRESERVE BOUNDARY**
-  **GLACIERS**
-  **POSSIBLE R.S. 2477 TRAIL**
-  **R.S. 2477 TRAIL NO.**  
(This number corresponds to the Alaska Existing Trails System Source Site of Alaska Department of Transportation Public Facilities Submitted April 1974)



## DENALI NATIONAL PARK AND PRESERVE

The following possible R.S. 2477 rights-of-way have been identified within the boundaries of the Denali National Park & Preserve, according to the Alaska Existing Trails System inventory. The trails are listed by quadrangles corresponding to the U.S.G.S. 1:250,000 scale map series for Alaska.

### Trail 16 (no name) winter trail (southcentral end of map)

Identification - Quad 81, T29N, R10 & 9W

Description: The trail runs northwest through Dutch Hills to Bear Creek taking a turn here and running parallel to Dutch Creek almost as far as Stony Creek.

### Trail 18 (no name) (southcentral end of map)

Identification - Quad 81, T26N, R12-8W

Description: The trail leaves townsite of Peters Creek via Black Creek following up to cross Spruce Creek, Fox Gulch, going by Sunset up to Granite Creek then going down through the landing strip at Treasure Creek, crossing lake, Sunflower & Camp Creeks, through Collinsville cross land to Clearwater Creek ending at Youngstown bend on the Yentna River.

### Trail 90 (no name) (west border of map)

Identification - Quad 81, Telida southeast to Little Mt. Mine

Description: The trail runs from Telida southeast to Slow Fork, southeast along Slow Fork to Slow Fork Hills, thence east along north side of Slow Fork Hills, thence southerly along base of hills to approximately T20S, R27W, FM thence southeast over Giles Lake and to edge of map at T22S, R25W, FM.

### Trail 6 Bull River Road (near George Parks Highway)

Identification - Quad 87, T20S, R10W, FM

Description: The trail runs from Colorado on the Alaska RR across Bull River and on the west fork of the Chulitna River to the Golden Zone Mine.

### Trail 7 Dunkle Mine Road (near George Parks Highway)

Identification - Quad 87, T19S, R10W

Description: The trail runs from Bull River up to the Dunkle Mine a distance of about 3.5 miles.

Trail 8 Savage River Trail (above Sanctuary River, east part of map)

Identification - Quad 87, T14S, R9W, FM

Description: The trail runs from Savage River campground up the Savage River about 8 miles.

Trail 9 Igloo Mt. Ranger Station Trail (near McKinley Village)

Identification - Quad 87, T14S, R9W, FM

Description: The trail runs from McKinley Park Road to ranger cabin.

Trail 10 Lignite to Clearwater Fork (west of Nenana River)

Identification - Quad 87, T12S, R12W

Description: The trail runs from Lignite Station (mile 363 on RR) west across Middle, Chisana & Toklat Rivers up Crooked Creek and down Bearpaw River to Glacier City and from there up Moose Creek terminating at Kantishna P.O.

Trail 11 Windy Creek Trail (above Cantwell)

Identification - Quad 87, T17S, R7W

Description: The trail runs from Cantwell - one branch goes up Windy Creek to a cabin just outside Denali National Park boundary. The other branch goes downstream to the Alaska RR about 4 miles from Cantwell.

Trail 13 Diamond/Bearpaw (sled road) (north end of map)

Identification - Quad 88, T11S, R17W, FM

Description: The trail runs from Bearpaw up the Bearpaw River to Diamond.

Trail 84 Kantishna/Moose Creek Trail (below Kantishna River)

Identification - Quad 88, Kantishna River, T11S, R19W, FM

Description: The trail runs from Jct. with Kantishna Trail (Rex/Eureka Creek) at the Kantishna River T11S, R19W, FM, southeast to Jct. with Kantishna Trail at lower canyon on Moose Creek, T15S, R18W, FM.

Trail 84A (loop trail) (loop off 84)

Identification - Quad 88, T14S, R19W, FM

Description: The trail runs from jct. with Trail 84 near Kantishna River due south for approximately 9 miles then southeast to connect with #84 in T14S, R19W, FM (loop & spur also).

Trail 85 Jct. of Trail 84 - Glacier/Caribou Creek (below Stampede)

Identification - Quad 88, Glacier/Caribou Creek, T13S, R19W, FM

Description: The trail runs from Jct. with 84 in T13S, R19W, FM due east for six miles, thence south to Glacier, from Glacier south on the divide between Glacier Creek and Caribou Creek to the base of Glacier Peak, thence north to Caribou Creek, thence upstream on Caribou Creek to a cabin about two miles east of Crevice Creek; T15S, R16W, FM.

Trail 86 Kantishna/Glacier Creek (above Kantishna)

Identification - Quad 88, Kantishna Trail to Glacier Creek

Description: The trail runs from Jct. with Kantishna Trail near Canyon Creek northeast across Flat Creek to a cabin on Glacier Creek.

Trail 87 Fish Lake to Deep Creek (northwest corner of map)

Identification - Quad 88, T14S, R26W, FM

Description: The trail runs from a cabin on Fish Lake T16S, R26W, FM north to Deep Creek T14S, R26W, FM.

Trail 89 Toklat River/Lake Minchumina/Telida (northwest corner of map)

Identification - Quad 88, T26S, R24E, KRM

Description: The trail begins on Kantishna Trail in T10S, R15E, FM and runs northwest to Bearpaw thence southwest to Kantishna River jct. with Kantishna trail at Kantishna River westerly to village of Lake Minchumina, thence southwesterly via Thirty Eight Mile Lake to Highpower Creek, thence down Highpower Creek to north shore of Lower Telida Lake, to west of lake and thence south to Telida, westerly across north fork crossing the southwest corner of T24S, R26E, thence southwest to Berry Lake and continues to end of trail in T26E, KRM.

Trail 92 Kantishna/Slate Creek (above Wonder Lake)

Identification - Quad 88, Kantishna/Slate Creek, T16S, R18W, FM

Description: The trail runs from Kantishna southwest on Eldorado Creek and Slate Creek ending at a mine; T16S, R18W, FM.

Trail 171 Lignite/Kantishna Trail - 85 mile trail (northeast corner)

Identification - Quad 88, Part of Trail 87-10

Description: The trail runs from Lignite Station (mile 363 on RR) west across middle Chisana and Toklet River up Crooked Creek and down Bearpaw River to Glacier City; from there up Moose Creek terminating at Kantishna P.O.

Trail 172 Kantishna Trail (above Kantishna)

Identification - Quad 88, Kantishna Trail

Description: The trail runs from Rex westerly across Teklanika River and Toklat River thence southwesterly along Toklat River to Little Bear Creek then up Little Bear Creek to head; then south to Crooked Creek, then westerly up to Crooked Creek and over Kantishna Hills to Bearpaw Creek, then down Bearpaw Creek to Glacier; then south to Lower Canyon; then along Lower Canyon to Kantishna.

Trail 173 Diamond/Glacier Trail (northcentral part of map)

Identification - Quad 88, Diamond/Glacier

Description: The trail runs from Diamond up Moose Creek and down to Glacier.

Trail 174 - part of Kantishna Trail (below Stampede)

Identification - Quad 88, Mt. McKinley Nat'l Park Point/Kantishna

Description: The trail begins from the jct. of Trail 237 on the west side of the Toklat River southerly along the foothills of the Kantishna Hills and west of the Clearwater Creek to the jct. of Trail 92 near Kantishna, 33 miles.

Trail 237 Rex/Kantishna Trail (above Stampede)

Identification - Quad 88, T13S, R14W, FM

Description: The trail runs from Rex westerly paralleling Bearpaw Trail (Kantishna Trail) to Toklat River gradually curving south to the Toklat River thence up the Toklat to Jct. of Trails 171 and 257 in T13S, R14W, FM.

Trail 244 Roosevelt - Unnamed lake (north border of map)

Identification - Quad 88, T10S, R18W

Description: The trail runs from Kantishna River at a point almost due south of Bearpaw Mountain T10S, R18W, to an unnamed lake T11S, R18W, approximately 4 miles.

Trail 245 Cutoff on Kantishna Trail (north border of map)

Identification - Quad 88, T10S, R15W

Description: The trail runs from jct. 237 and 172 at the Toklat River thence southwest to about 6 miles past Nineteen Mile in T10S, R15W; then south to a point between Nineteen Mile and Bearpaw; thence southwesterly to Diamond.

Trail 252 Diamond (winter trail) (northcentral part of map)

Identification - Quad 88, T11S, R18W

Description: The trail runs from Diamond northwesterly to intersect with winter trail (89) in T11S, R18W.

Trail 253 Kantishna/Glacier/Diamond Loop (northcentral area)

Identification - Quad 88, T13 & 14S, R18N, FM

Description: The trail is a loop bypassing Glacier off of Trail 172 (Kantishna) to Trail 173 (Diamond/Glacier); T13 & 14S, R18N, FM.

Trail 256 McKinley River/Wonder Lake (near Wonder Lake)

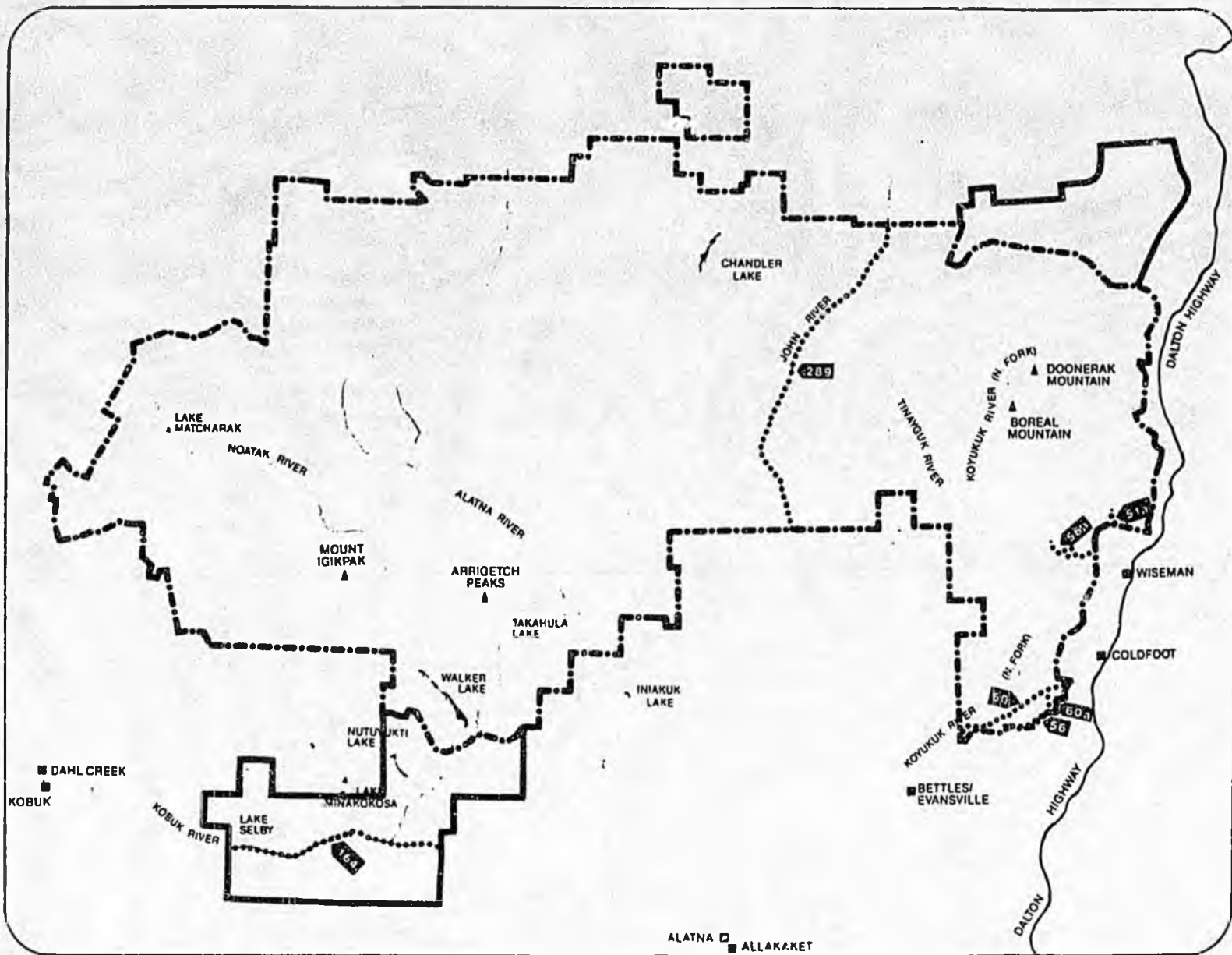
Identification - Quad 88, McKinley River/Wonder Lake

Description: The trail is a short independent trail between McKinley River and Wonder Lake beginning at McKinley River; thence north on a curve to the west to Wonder Lake.

Trail 257 10 mile branch from Trail 171 (northeast portion of map)

Identification - Quad 88, T13S, R14W, FM

Description: The trail begins on Trail 171 on the Toklat River at T13S, R14W; thence east 10 miles crossing the Wigand Creek; T12S, R13W.



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**POSSIBLE R.S. 2477 RIGHTS-OF-WAY**  
**GATES OF THE ARCTIC**  
 National Park and Preserve

- PARK BOUNDARY
- PRESERVE BOUNDARY
- ..... POSSIBLE R.S. 2477 TRAIL
- 227 R.S. 2477 TRAIL NO.  
(This number corresponds to the Alaska Existing Trails System. Source: State of Alaska Department of Transportation/Public Facilities. Submitted April 1974.)



## GATES OF THE ARCTIC NATIONAL PARK AND PRESERVE

The following possible R.S. 2477 rights-of-way have been identified within the boundaries of the Gates of the Arctic National Park and Preserve, according to the Alaska Existing Trails System inventory. The trails are listed by quadrangles corresponding to the U.S.G.S. 1:250,000 scale map series for Alaska.

### Trail 51A (from jct. of Trail 51 Wiseman/Chandalar River Trail) (east side of map, above Wiseman)

Identification - Quad 124, T30N, R5W, FM

Description: Trail 51A runs from Jct. with Trail 51 west of confluence of north fork of Koyukuk River and Hammond River northerly on west bank of Hammond River to Canyon Creek T31N, R12W.

### Trail 56 Ned's Lake/Smith Creek Dome Trail (near Dalton Highway)

Identification - Quad 124, T20N, R23W, FM

Description: The trail begins at Ned's Lake and Jct. with 63 in T20N, R23W, FM, thence east and north along the Koyukuk River to Bettles, thence continuing along the Koyukuk and the middle fork of the Koyukuk on the south side through Tramway Bar and Coldfoot and onto Wiseman, thence up the Wiseman Creek to Nolan Creek and Nolan, thence up Nolan Creek to Smith Creek Dome.

### Trail 56A Nolan/Mascot Creek Trail (near Wiseman)

Identification - Quad 124, T13N, R13W, FM

Description: The trail runs from Nolan westerly through Glacier Pass to Clacier River thence crossing Glacier River northwesterly to Mascot Creek, T31N, R13W.

### Trail 60 Bettles/Quartz Creek (near Koyukuk River)

Identification - Quad 124, Bettles

Description: The trail begins at Bettles, thence east to Bettles field, thence south of Birch Hill, crossing the Koyukuk River and traveling north of the middle fork of the Koyukuk River; thence along the fork past 12 Mile Mountain to the fork of Porcupine and Quartz Creek.

### Trail 60A Spur connecting Trails 60 & 56 (near Dalton Highway)

Identification - Quad 124, Bettles

Description: The trail begins on Trail 60 at Mailbox Creek thence south to Tramway Bar.

Trail 164 Alatna/Shungnak/Kotzebue (southwest corner of map)

Identification: Quad 116, Hughes

Description: The trail extends up Alatna River to point east of Norutak Lake, then across to Lake, across Lake thence over to Kobuk River and up Kobuk River.

Trail 289 Hicel Highway (center of map)

Identification - Quad 124, Livengood - Sagwon

Description: The trail runs from Livengood northerly via Trails 49 to Bettles Field, 59A north to Ninemile Cabin, thence easterly around Ninemile Hills to Death Valley, thence 59 to Crevice Creek, thence northerly along John River to Anaktuvuk Pass, thence northerly along Anaktuvuk River to Schrar Bluff, thence northeasterly to the Itkillik River, thence easterly across the Kupuruk River to the Tookik River, thence northerly along Tookil for approximately 4 miles thence northeasterly and southeasterly around base of ridge, thence southerly on Sagavanirktok River to Sagwon.



**POSSIBLE R.S. 2477  
RIGHTS-OF-WAY**  
**KATMAI**  
National Park and Preserve

- PARK BOUNDARY
  - PRESERVE BOUNDARY
  - ..... POSSIBLE R.S. 2477 TRAIL
  - ☞ R.S. 2477 TRAIL NO.
- (This number corresponds to the Alaska Existing Trails System Source State of Alaska Department of Transportation/Public Facilities Submitted April 1974)

## KATMAI NATIONAL PARK AND PRESERVE

The following possible R.S. 2477 rights-of-way have been identified within the boundaries of Katmai National Park & Preserve according to the 1974 Alaska Trails System inventory. The trails are listed by quadrangle corresponding to the U.S.G.S. 1:250,000 scale map series for Alaska.

### Trail 1 Dillingham to Naknek Winter Trail (Katmai Bay to Iliuk Arm)

Identification - Quad 42, Mt. Katmai

Description: The trail runs from Dillingham via Portage Creek, through Nakeen to Naknek.

### Trail 2 Naknek to Egegik (near Kulik Lake)

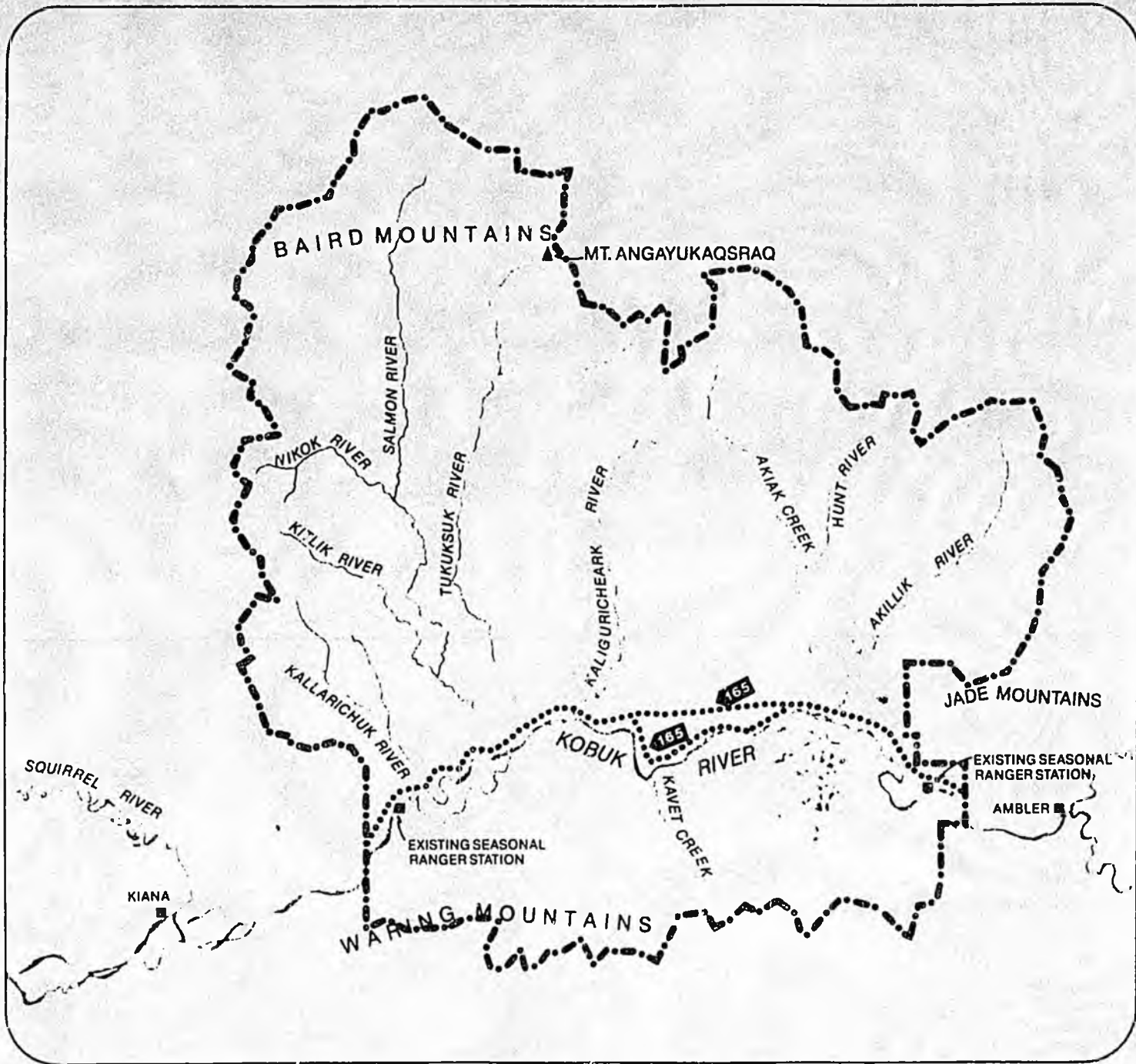
Identification - Quad 42, Mt. Katmai

Description: The trail runs from Naknek to Egegik.

### Trail 9 (no name) (near Naknek Lake)

Identification - Quad 41, T17S, R44W

Description: The trail branches northeast from King Salmon Air Force Base to King Salmon Creek.



**POSSIBLE R.S. 2477  
RIGHTS-OF-WAY**  
**KOBUK VALLEY**  
National Park

- PARK BOUNDARY**
- ..... POSSIBLE R.S. 2477 TRAIL**
- 165 R.S. 2477 TRAIL NO.**  
(This number corresponds to the Alaska Existing Trails System Source State of Alaska Department of Transportation/Public Facilities Submitted April 1974.)



## KOBUK VALLEY NATIONAL PARK

The following possible R.S. 2477 rights-of-way have been identified within the boundaries of the Kobuk Valley National Park, according to the Alaska Existing Trails System inventory. The trails are listed by quadrangles corresponding to the U.S.G.S. 1:250,000 scale map series for Alaska.

Trail 165 Kotzebue/Shungnak Trail (200 mile trail) (southwest corner of map)

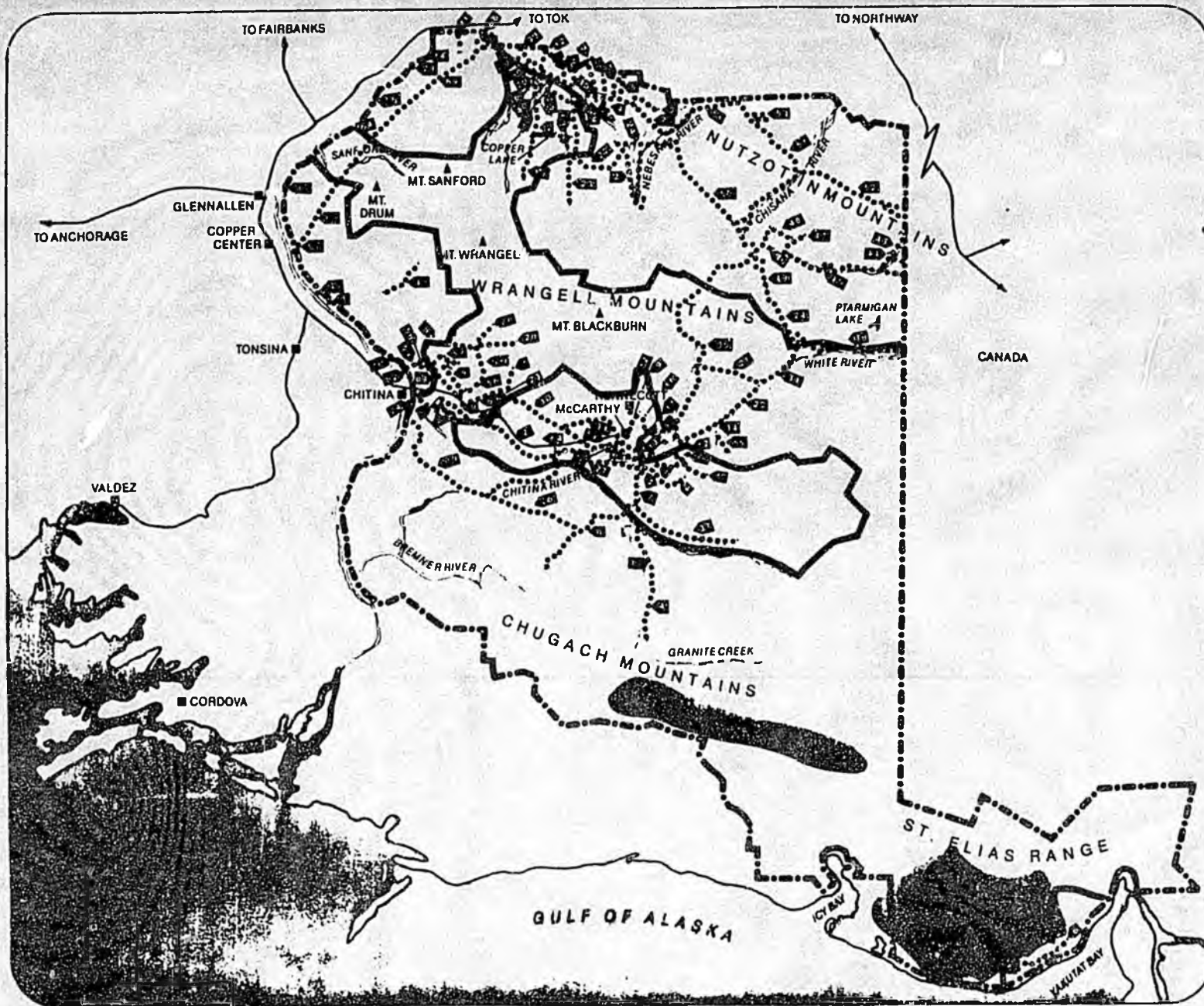
Identification - Quad 126, Ambler

Description: Winter trail extends from Kotzebue, across to mainland, up Kobuk River to Shungnak, ending in Trail System 95A.

Trail 165 Kotzebue/Shungnak Trail (200 mile trail) (same as above)

Identification - Quad 127, Baird Mountains

Description: Winter trail extends from Kotzebue, across to mainland, up Kobuk River to Shungnak, ending in Trail System 95A.



**POSSIBLE R.S. 2477 RIGHTS-OF-WAY**  
**WRANGELL-ST. ELIAS**  
**National Park and Preserve**

-  PARK BOUNDARY
-  PRESERVE BOUNDARY
-  GLACIERS AND ICEFIELDS
-  POSSIBLE R.S. 2477 TRAIL
-  R.S. 2477 TRAIL NO.  
(This number corresponds to the Alaska Existing Trails System Source State & Alaska Department of Transportation Public Facilities Survey April 1974)



## WRANGELL - ST. ELIAS NATIONAL PARK AND PRESERVE

The following possible R.S. 2477 rights-of-way have been identified within the boundaries of Wrangell-St. Elias National Park & Preserve according to the 1974 Alaska Trails System inventory. The trails are listed by quadrangle corresponding to the U.S.G.S. 1:250,000 scale map series for Alaska.

### Trail 6 Malaspina Glacier Trail (above Yakutat Bay)

Identification - Quad 46, T24& 25S, R 30, 31, & 32E, CRM

Description: The trail runs from Grand Wash to Manby Stream.

### Trail 4 Tana River Trail (above Chugach Mountains)

Identification - Quad 65, T10, 11, 12S, R15E, CRM

Description: The trail connects to 87-33 at north edge of map on east side of Tana River. Ends on east side of Tana River at Tana Glacier.

### Trail 1 Nugget Creek Extension (west of McCarthy)

Identification - Quad 67, T4S, R7, 8E, CRM

Description: The trail starts on Strelna-Kuskawana Road in Sec 12, T4S, R7E, CRM and ends in Sec 35, T2S, R9E, CRM.

### Trail 2 Copper River/Chitina/McCarthy Jeep Trail (southeast of Chitina)

Identification - Quad 67, T4S, R5E to T5S, R14E

Description: The trail runs from town of Chitina in T4S, R5E to town of McCarthy in T5S, R14E.

### Trail 3 Dan Creek (southeast of McCarthy)

Identification - Quad 67, T6S, R15, 16E, CRM

Description: The trail begins at May Creek in Sec 15 T6S, R15E and ends at Dan Creek Camp in Sec 4, T6S, R16E.

### Trail 4 Rex Creek Trail (southeast of McCarthy)

Identification - Quad 67, T6S, R15, 16E, T7S, R16E, CRM

Description: The trail begins at May Creek in Sec 15, T6S, R15E and ends at 3500' elevation in Sec 27, R6S, R16E up Rex Creek.

Trail 5 Baultoff Lake Road (southeast of McCarthy)

Identification - Quad 67, T6S, R14, 15E, CRM

Description: The trail begins in McCarthy, Sec 19, T5S, R14E and ends in May Creek Sec 15, T6S, R15E. Connects to Trail 67-7 in Sec 7, T6S, R15E.

Trail 6 McCarthy/May Creek Road (south of McCarthy)

Identification - Quad 67, T5S, R14E, CRM

Description: The trail begins in McCarthy, Sec 19, T5S, R14E and ends in May Creek Sec 15, T6S, R15E. Connects to another trail 67-7.

Trail 7 Jake's Bar Trail (south of McCarthy)

Identification - Quad 67, T6S, R14, 15E, T7S, R14E, CRM

Description: The trail begins on McCarthy-May Creek Road in Sec 7, T6S, R15E, and ends at Jake's Bar landing strip in Sec 34, T7S, R14E, another trail continues southwest.

Trail 8 (no name) (south of McCarthy)

Identification - Quad 67, T7S, R14E, T8S, R12, 13, 14S, T9S, R11, 12S, (trail to mine).

Description: The trail begins at Jake's Bar landing strip in Sec 34, T7S, R14E and ends at Bremner Mine in Sec 10, T10S, R11E.

Trail 9 McCarthy/Kennicott Road (north of McCarthy)

Identification - Quad 67, T4, 5S, R14E, CRM

Description: The trail begins in McCarthy Sec 16, T5S, R14E and ends in Kennicott Sec 33, T4S, R14E, mine road.

Trail 10 (no name) (east of McCarthy)

Identification - Quad 67, T6S, R16, 17E, CRM

Description: The trail begins in Dan Creek Camp Sec 4, T6S, R16E, CRM and ends in SW 1/4, Sec 1M, T6S, R17E near the headwaters of Copper Creek.

Trail 11 (no name) (east of McCarthy)

Identification - Quad 67, T5, 6S, R16E, CRM

Description: The trail begins in Dan Creek Camp, Sec 4, T6S, R16E and ends up valley in Sec 34, T5S, R16E.

Trail 12 (no name) (east of McCarthy)

Identification - Quad 67, T6S, R11E, CRM

Description: The trail begins on Trail 67-3 in NW 1/4 Sec 12 and ends by cabin on Nizina River on wedge, Sec 1.

Trail 13 (no name) (east of McCarthy)

Identification - Quad 67, T6S, R14, 15E, T5S, R15E, CRM

Description: The trail begins on Trail 67-6 in wedge Sec 1, T6S, R14E, and ends by creek in Sawmill Gulch in Sec 34, T5S, R15E.

Trail 14 (no name) (southwest of McCarthy)

Identification - Quad 67, T6S, R11, 12E, CRM

Description: The trail begins on old railroad grade near west end of Long Lake in Sec 5, T6S, R12E and ends in SE 1/4 Sec 12 T6S, R11E.

Trail 15 (no name) (east of McCarthy)

Identification - Quad 67, T5S, R17E, CRM

Description: The trail begins by Glacier Creek landing area in Sec 9 and ends by mines in Sec 16 and east side of Sec 28.

Trail 16 (no name) (southeast of Kennebecott)

Identification - Quad 67, T5S, R15, 15E, T4S, R14E, CRM

Description: The trail begins in McCarthy in Sec 16 T5S, R14E and ends at mine in Sec 14, T4S, R14E.

Trail 17 (no name) (east of McCarthy)

Identification - Quad 67, T5S, R15E, CRM

Description: The trail begins on Trail 67-16 in Sec 7 and ends at Nikolai Mine in Sec 2.

Trail 18 (no name) (west of McCarthy)

Identification - Quad 67, T5S, R13, 14, CRM

Description: Trail begins in McCarthy T5S, R14E and ends at cabins in northeast corner of Sec 24, T5S, R13E.

Trail 19 (no name) (west of McCarthy)

Identification - Quad 67, T5S, R13E, CRM

Description: Trail begins on Trail 67-2 in Sec 27 and ends at cabins in southwest corner of Sec 19.

Trail 20 Coat Trail (east of Kennecott)

Identification - Quad 67, T4S, R17, 18E, CRM

Description: The trail begins in Sec 13, T4S, R17E and ends on Skolai Creek in Sec 7, T3S, R19E.

Trail 21 (may be Skolai Creek Trail) (join Trails 34 & 35)

Identification - Quad 67, T3S, R18, 19E, CRM

Description: Trail begins by landing area in Sec 5, T3S, R19E and ends at Tinplate Hill in Sec 24, T2S, R16E.

Trail 22 Mine Trail (Kennecott)

Identification - Quad 67, T4S, R14E, CRM

Description: Trail begins in Kennecott T4S, R14E and ends at mines in Sec 15, 22, and 23.

Trail 23 (no name) (east of Chitina)

Identification - Quad 67, T3S, R9E, CRM

Description: Trail begins by cabin on Kuskulena River in south 1/2 Sec 28 and ends by cabins up McDougal Creek near edge of Sec 34.

Trail 24 Geohenda Trail (See trail 84-49) (east of Chitina)

Identification - Quad 67, T1, 2N, R19, 20E, CRM

Description: Trail begins at landing area T1S, R20E and proceeds in a northwest direction ending in T2N, R19E. Trail between Chisana and headwaters of White River.

Trail 26 Hanagita Trail (See Trail 68-54) (south of Chitina River)

Identification - Quad 67, T7S, R8, 9, 10E, CRM

Description: Trail begins in Talar in Valdez Quad, McCarthy Quad - begins Hanagita River in T7S, R8E reported as far as Tana River 5 miles up from mouth.

Trail 27 Branch of Hanagita Trail (above Chitina River)

Identification - Quad 67, T7S, R9, 10E, T6S, R10 to 16E, CRM

Description: The trail begins on Hanagita Trail 67-26 near Hanagita Lake in T7S, R9E follows east bank of Nizina River in part to place called Nikolai house (may be near Dan Creek Camp T6S, R16E).

Trail 28 Kotsina Trail (See trail 68-8) (below Wrangell Mountains)

Identification - Quad 67, T1S, R8E, CRM

Description: Trail begins in Valdez Quad, follows Kotsina River and various branches to glaciers.

Trail 29 Part of Kotsina Trail (below Wrangell Mountains)

Identification - Quad 67, T3, 2S, R8E, CRM

Description: The trail begins on Trail 67-28 near Rock Creek; ties to Strelna Creek via Dixie Pass.

Trail 30 To Nikolai Mine (west of McCarthy)

Identification - Quad 67, T3S, R9E, CRM

Description: The trail begins or continues from Trail 67-11 in T3S, R9E, CRM and ends or continues on as Trail 67-19, 67-2, 67-16 and 67-17.

Trail 31 Old Trail to Nikolai Mine (near McCarthy)

Identification - Quad 67, McCarthy Quad

Description: Trail begins on 67-30 near Lakina River route via north side of Fireweed Mountain to Kennicott Glacier and down to present site of McCarthy.

Trail 32 (no name) (near McCarthy)

Identification - Quad 67, T5S, R15E, CRM

Description: Trail begins 6 miles up McCarthy River over low mountains to Nizina River.

Trail 33 Tana River Trail (See Trail 65-4) (above Chugach Mountains)

Identification - Quad 67, T8S, R14, 15E, CRM

Description: Trail begins on Chitina River, east of mouth of Tana River and continues beyond south edge of map on east side of Tana River, see 97-4.