

ALASKA LEGISLATURE COMMITTEE FILES 1900-1900 00/2
4335 SRES HB 635 - HCR 8 12/4



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James A. Smith
Signature of Camera Operator

11/24/89
Date

HB

635

HB 635 - WILLOW CREEK STATE REC AREA

*Sett Aside
3,500 Acres
of Public
Land*

This bill would set aside some public lands in the Mat-Su Borough for public recreation around the mouth of Willow Creek. This is a prime destination for many Southcentral residents, especially during the summer sportfishing season. We envision this as one of the steps in developing optimum recreational opportunities in the Mat-Su area.

*Prime
Use is
for Recreation*

As we all know, there is a shortage of state revenues available and so there may be some question as to the State's ability to pay for operating expenses and capital improvements to the Willow Creek Area. However, this bill would only set the land aside and not create any additional positions, nor is there a request for funding for capital improvements. We envision those things occurring in the future as funding may come available.

By setting aside the land base for the Willow Recreation Area now, we can be assured of saving a very desirable piece of recreational property, one in which there is a great deal of public interest. Furthermore, in developing these sites within the Susitna drainage, we will be able to attract some of the people who currently make the Kenai Peninsula their destination; thereby alleviating some of the crowding that occurs on the rivers in that area now. We feel this is a good piece of legislation which will meet a real need. It will be the first step in promoting recreation and tourism in the Mat-Su Boro, which will provide better economic stability.

*This bill
will reserve
this recrea-
tional area
And
relieve
the pressure
on the
Kenai Penn.*

POINTS OF CONCERN:

Mental health lands - have been taken out

Fiscal note - Reflects idea of setting aside land now for protection for future public use without requesting any development at this time.

Acreeage - 2,747.8 are Mat-Su Boro lands which they have agreed to
835 are state lands of which 248 are contained in an
3582.8 existing wayside site
75 were taken out as they are mental health lands

Alaska State Legislature

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Senate Committee on Resources

M E M O R A N D U M

April 25, 1986

TO: All Members
Senate Resources Committee

FROM: Staff, ~~Senate Resources Committee~~

RE: HB 635 (Res) "An Act establishing the Willow
Creek State Recreation Area; and
providing for an effective date"

This bill would create a state recreation area along Willow Creek near the Parks Highway. The land area is 3582.8 acres of which 2747.8 are Mat-Su Borough lands and 835 acres are state lands. There are no mental health lands in CS HB 635 (Res).

A management plan is to be adopted within two years of the passage of this bill and would include a cooperative effort with the Mat-Su Borough.

The fiscal note is zero.

Enclosures:

Fiscal note
Sectional analysis
Bill analysis from Fish and Game
Map
Background information

**STATE OF ALASKA 1986 LEGISLATIVE SESSION
FISCAL NOTE**

Revision Date : _____

REQUEST

Bill/Resolution No. : HB 635
 Title : An act establishing the Willow Creek State Resreation area
 Sponsor : Rep Larson
 Requestor : House Resource Committee
 Date of Request : 02-28-86

FISCAL DETAIL

Agency Affected : Natural Resources
 BRU : Parks Management
 Components : _____

EXPENDITURES/REVENUES : (Thousands of Dollars)

OPERATING	FY 86	FY 87	FY 88	FY 89	FY 90	FY 91
PERSONAL SERVICES						
TRAVEL						
CONTRACTUAL						
SUPPLIES						
EQUIPMENT						
LAND & STRUCTURES						
GRANTS, CLAIMS						
MISCELLANEOUS						
TOTAL OPERATING	-0-	-0-	-0-	-0-	-0-	-0-

CAPITAL						
---------	--	--	--	--	--	--

REVENUE						
---------	--	--	--	--	--	--

FUNDING : (Thousands of Dollars)

GENERAL FUND						
FEDERAL FUNDS						
OTHER						
TOTAL	-0-	-0-	-0-	-0-	-0-	-0-

POSITIONS :

FULL-TIME						
PART-TIME						
TEMPORARY						

ANALYSIS : Attach a separate page if necessary

If there is a CIP appropriation for area improvements, there will be associated operating expenses.

Prepared by: Barbara Lee Hope *BLH* Phone: 762-4565
 Division: Parks & Outdoor Recreation Date: 02-28-86

Approved by Commissioner: *Mme. J. Amundson, Deputy* Date: 2/28/86
 Agency: Natural Resources

Distribution (by Agency preparing fiscal note):

- Legislative Finance
- Legislative Sponsor
- Requestor
- Office of Management and Budget
- Impacted Agency(ies)

HB 635 - WILLOW CREEK STATE REC AREA

This bill would set aside some public lands in the Mat-Su Borough for public recreation around the mouth of Willow Creek. This is a prime destination for many Southcentral residents, especially during the summer sportfishing season. We envision this as one of the steps in developing optimum recreational opportunities in the Mat-Su area.

By setting aside this area in the state recreation system we can preclude it from other land use designations, while we work toward obtaining the necessary funding for such items as an access road and boat launch facility at the mouth of Willow Creek. We believe this would bolster tourism type activities and would be of great financial benefit to the Mat-Su area.

SECTIONAL ANALYSIS

Sec. 1: Describes the purposes for the land and water being set aside in the Willow Creek State Recreation Area.

Sec. 2(a) Establishes the Willow Creek State Recreation Area in AS 41.21.491 and gives the property description.

2(b) Allows for cooperation between the state and the borough.

2(c) Designates land and water in Willow Creek as a special use area under the state constitution.

2(d) Allows for oil and gas leasing within the lands described in AS 41.21.491.

Sec. 41.21.492:

Describes the management responsibilities of the Department of Natural Resources for Willow Creek State Recreation Area in relation to the Mat-Su Boro, the Department of Fish and Game and the Boards of Fish and Game.

Sec. 41.21.493:

Directs the department to develop a management plan with the Mat-Su Boro.

Sec. 41.21.494

This section directs the commissioner to develop regulations necessary to carry out the provisions in the purposes section of the bill.

Sec. 41.21.495:

Allows the commissioner to add on new lands which are adjacent to Willow Creek State Recreation Area and that are needed to sustain the purposes described in AS 41.21.491 - 41.21.497.

Sec. 41.21.496:

Allows the commisssioner to enter into cooperative land agreements with other agencies or private parties in order to achieve the purposes described in AS 41.21.491 - 41.21.497.

Sec. 41.21.497

Allows for enforcement of the regulations adopted under AS 41.21.41.21.497.

Sec. 3: Requires the commissioner to adopt the management plan for Willow Creek State Recreation Area within two years after the effective date of this act.

Sec. 4: States when this act will take effect.



STATE OF ALASKA
OFFICE OF THE GOVERNOR
BILL ANALYSIS

DEPARTMENT Fish and Game	DIVISION Sport Fish	BILL NUMBER HB 635	SPONSOR Representative Larson
DEPARTMENT POSITION Support			
PREPARED BY W. M. M.	DATE 24 6/86	COMMISSIONER'S SIGNATURE Donnell	DATE 2-28-86

SUMMARY

OTHER AGENCIES AFFECTED BY BILL DNR, DEC, Matanuska-Susitna Borough	CONSTITUENT GROUPS AFFECTED BY BILL Cook Inlet basin residents and visitors
ORGANIZATIONAL SUPPORT FOR BILL Unknown	ORGANIZATIONAL OPPOSITION TO BILL Unknown

FISCAL IMPACT: NONE FISCAL NOTE ATTACHED

BACKGROUND/LEGISLATIVE INTENT

Create approximately a 4,000-acre state recreation area along Willow Creek near the Park Highway.

ANALYSIS OF BILL/PROGRAM EFFECTS

HB 635 is basically identical to HB 86 but cleans up major flaws in the location description of the Willow Creek site.

Creation of the Willow Creek recreation area will not adversely impact the operations of the department. Development of the site with appropriate campgrounds and boat launch facilities will improve access to Susitna River tributaries for hunters and anglers. Fish stocks can presently stand increased utilization.

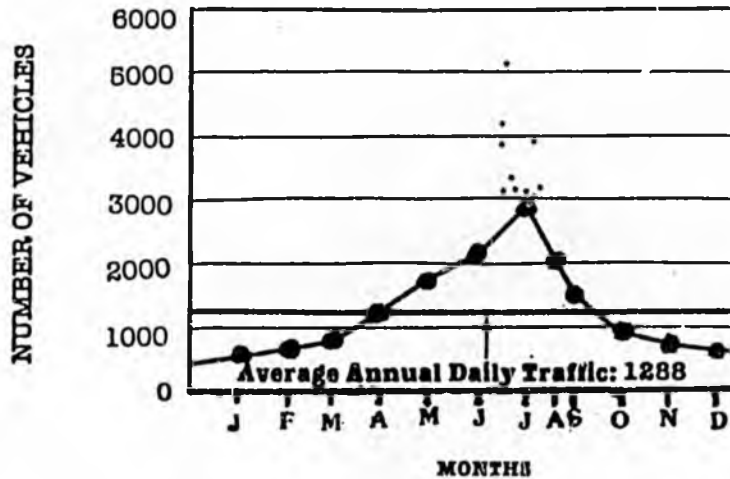
AMENDMENTS PROPOSED

Page 3, Line 19 (Sec. 41.21.48a(3)).

(3) allow sport fishing, fishery rehabilitation or enhancement...

PLEASE ATTACH A SEPARATE SHEET FOR ADDITIONAL COMMENTS OR ANALYSIS.

**Figure 8. PARKS HIGHWAY TRAFFIC VOLUMES
AT WILLOW, 1980**



Legend

- * 10 peak annual days
- Average Annual Daily Traffic (AADT)
- Average Monthly Daily Traffic (AMDT)

Source: Alaska Department of Transportation and Public Facilities

Land Ownership

Most of the land within the study area is publicly owned. The Matanuska-Susitna Borough and the State of Alaska own large blocks of land west of the Parks Highway. The area around the Parks Highway/Willow Creek junction is privately owned. Upstream of the Parks Highway, the Willow Creek State Recreation Site is a 240 acre parcel surrounded by private lands (see Figure 9, page 22). Ownership of the subsurface has been retained by the State of Alaska.

*Background Material
Comments from the
Plan for the Willow
Creek State Rec. Area.*

toric park is owned by the State of Alaska. It receives year-round recreational use, particularly during the winter season, when skiers and snowmachiners converge. Popular summertime activities include hiking, mountain climbing, and berrypicking.

City of Houston. The City of Houston owns and operates a campground bordering the Little Susitna River and the Parks Highway, located 15 miles south of Willow.

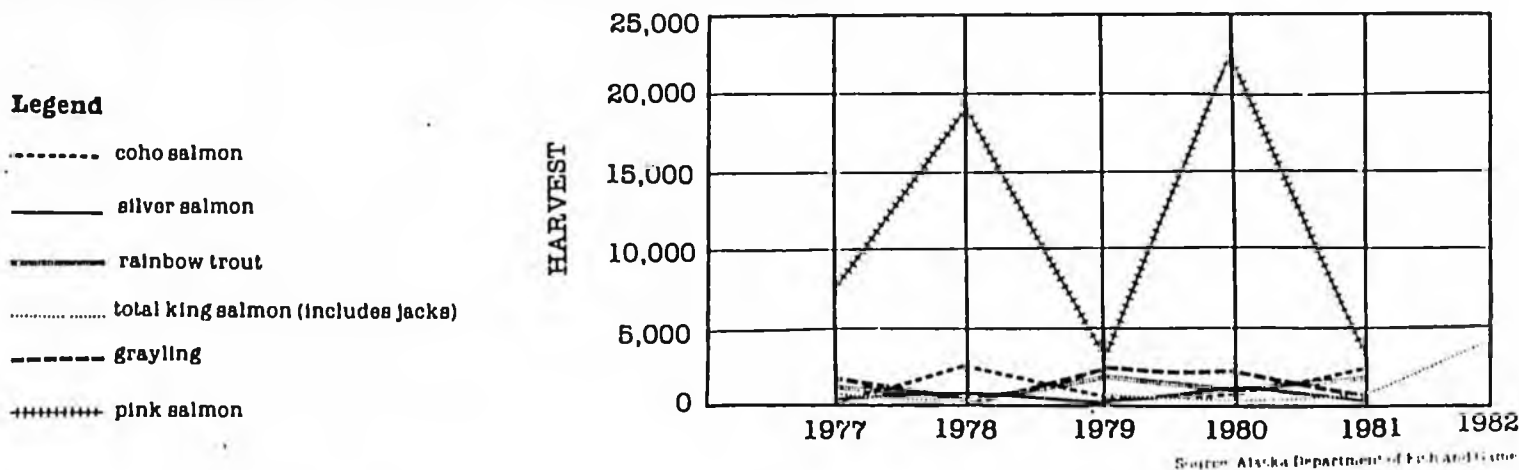
Private Sector. Several privately operated recreational facilities are located within the vicinity. The Willow Island Drive Inn is situated at the northwest corner of the Parks Highway/Willow Creek intersection. Facilities include parking, boat launch, trailer storage area, and camping units. Shore fishing is popular along the area's Willow Creek frontage.

Susitna Landing is a privately owned and operated boat launch located at the Susitna River/Kashwitna River confluence, 11 highway miles north of Willow Creek. From Susitna Landing, boaters travel to points north and south, including the Yentna River, Kroto Creek, and Alexander Creek.

Willow Creek Sport Fishing

Most recreationists visiting Willow Creek are attracted to the stream by its sport fishing opportunities. Willow Creek hosts significant runs of king salmon, chum salmon, and pink salmon. A small run of silver salmon and year-round populations of rainbow trout and arctic grayling are also sport fishing attractions. See Figure 11, page 25 for a historical summary of fishing effort and harvest at Willow Creek.

Figure 11. WILLOW CREEK SPORT FISHERY HARVEST, 1977-1982



Willow Creek waters open for king salmon fishing stretch from the mouth to the Parks Highway bridge. Other salmon species may be taken legally from the mouth up to the Deception Creek confluence.

Fishing occurs at two major activity nodes: near the Parks Highway and railroad bridges; and at the mouth where the stream enters the Susitna River. The road-accessible node receives very heavy use beginning in mid-June as the king salmon enter Willow Creek, and tapering off as the pink salmon run ends in late August. During the busy season, this area will often host several hundred shore anglers. These anglers are often fishing from privately owned land, an issue which is receiving increasing attention (see page 28).

The activity node at the Willow Creek mouth is accessible by riverboat only. Most effort is expended during four consecutive weekend openings during the king salmon run. At the peak of the run, shore anglers will line up elbow-to-elbow along a particularly good 300 foot stretch of the Susitna River immediately downstream of the southernmost Willow Creek mouth. At such times, the number of anglers will exceed 100. There are no sanitary facilities in this area, which has raised concerns about the effects of random and untreated human waste and litter. Fishermen will also anchor their riverboats offshore during these weekend openings and cast into fishing holes.

King Salmon. The king salmon has historically been the most sought-after sport fish

species at Willow Creek and throughout the Susitna River basin. In 1964, due to dangerous declines in fish stocks, king salmon fishing throughout the Susitna basin was prohibited. As the stocks rebounded, fishing was again opened, but on a much reduced basis. Allowable king salmon catch in Willow Creek has been set at 300 fish (over 20 inches in length), although biologists suspect that this number could be raised without endangering the run.

Pink Salmon. Pink salmon enter Willow Creek in very large numbers in even-numbered years, and in moderate numbers in odd-numbered years. This species provides excellent opportunities for family-oriented outings, with much higher rates of fishing success than for other salmon species.

Chum Salmon. Chum salmon is attracting increasing attention as a sport fish species, due to its relatively large size and its fighting abilities. Harvest at Willow Creek increased from 343 in 1977 to 1,533 in 1981.

Silver Salmon. Despite a small run, an important silver salmon sport fishery does occur at the mouth of Willow Creek. Silvers destined for spawning grounds at other streams temporarily hold in the clear waters of the Willow Creek/Susitna River confluence, where they become available for harvest. Figures from 1980 show 1,207 silver salmon harvested in this manner, with a drop in 1981 to 747 fish.

Rainbow Trout. Rainbow trout attract a significant number of anglers to Willow

Creek. Most effort for rainbows occurs early in the season before salmon species arrive, and again after the salmon have spawned. Use is dispersed over a wider area than for the salmon species, extending from the mouth past the Parks Highway bridge up into the Talkeetna Mountain foothills.

Willow Creek Riverboating

A major recreational use of Willow Creek is as a riverboating corridor. Most boaters launch at commercial facilities near the Parks Highway bridge.

The great majority of riverboat traffic is downstream, and then towards outlying areas within the Susitna basin. Thus, Willow Creek serves as an important transportation corridor by accessing the roadless areas to the west, where dispersed settlements have developed as a result of government land sales, homesteading, mining, and other attractions. As these areas have become more settled, the volume of riverboat traffic on Willow Creek has risen correspondingly. Important destination points include Kroto Creek (Deshka River), the Yentna River, and Alexander Creek.

Recreational Issues

Angler-Boater Conflicts. The most difficult problem concerning use of Willow Creek is the growing conflict between riverboaters and shore anglers. Riverboaters have traditionally traveled between the Parks Highway and the mouth to gain access to

fishing spots and to outlying areas. But as population increases have brought more sport fishermen to Willow Creek, clashes have become more common between the two user groups. Anglers complain that high speed boats create wakes which disturb fishing holes, create safety hazards, and harm spawning grounds. Boaters respond that Willow Creek is the only reasonable access to outlying areas and that high speed operation is required in order to maintain maneuverability. After a State Recreation Area is established at Willow Creek, the Division of Parks will have responsibility for managing the stream's water column and for resolving this conflict.

Fishing Regulations. Because demand for king salmon far exceeds the natural run in Willow Creek, the Department of Fish and Game has regulated sport fishing in order to ensure that escapement goals are met. There are concerns that state park establishment would bring more anglers and place additional pressures on fish stocks, forcing the Department of Fish and Game to shorten the king salmon season.

Winter Recreation Management. Because the Willow area receives abundant snowfall and moderate temperatures, its potential for winter recreation is high. Development of a trail network along Willow Creek will invite skiers, snowmachiners, and dog mushers. These user groups have experienced conflicts at other locations, and the Division of Parks should manage the area to avoid such problems.

Trespass Recreation. "Trespass recreation," the inadvertent or deliberate use of private property by recreationists, is an issue. Trespass situations are increasing, particularly upstream of the Parks Highway bridge. Private owners have posted signs and taken other actions to protect their property interests.

Commercial Activities. At present, commercial riverboat operators have established businesses at the Parks Highway bridge. Clients include those destined only for the mouth and others bound for outlying areas. With establishment of the park unit, state regulations will govern all commercial enterprises within the park boundaries.

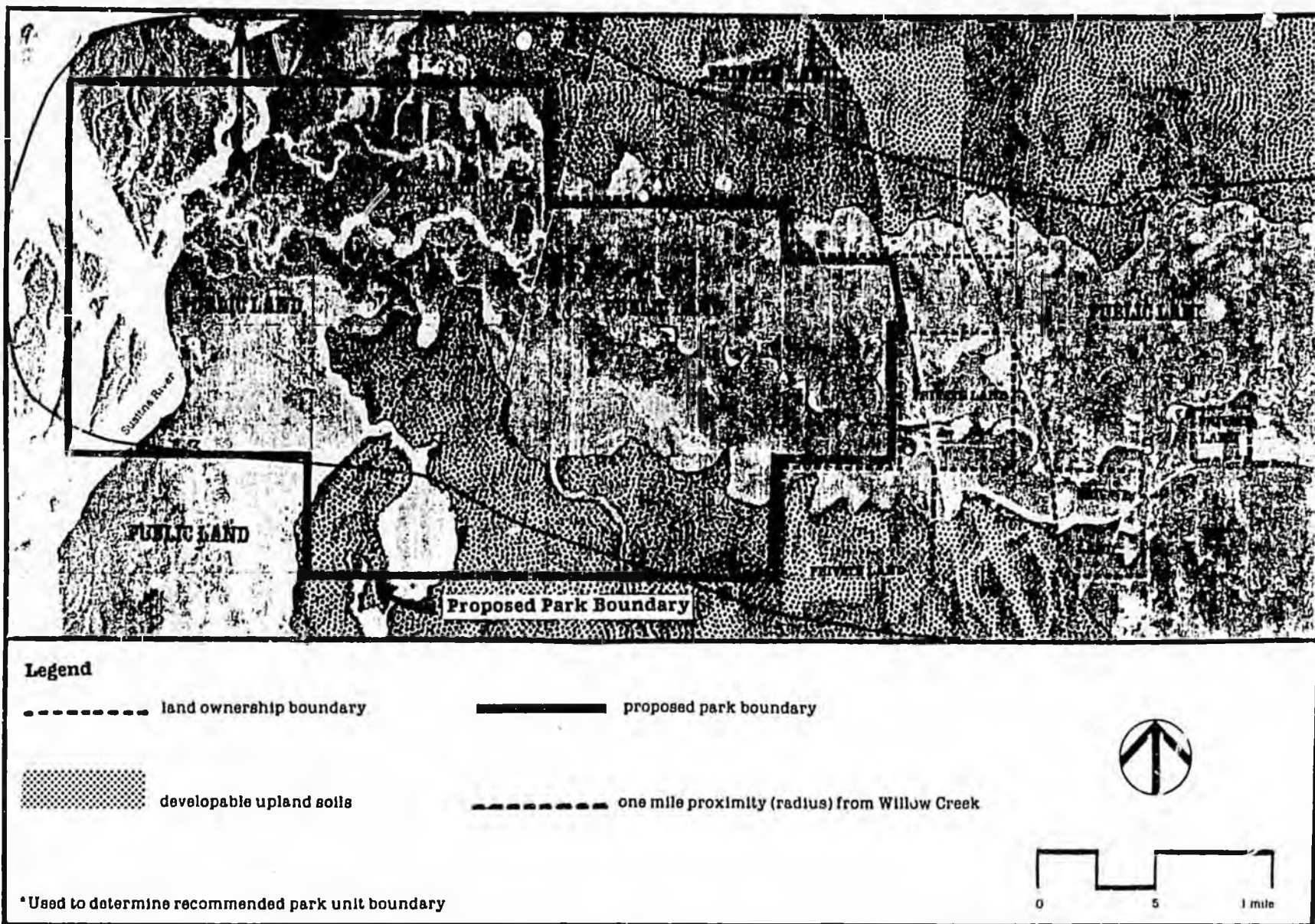
Trail Management. Concern has been expressed about difficult foot access to Willow

Creek below the Parks Highway bridge. At present, primitive trails extend a short distance downstream before disappearing. This has the effect of concentrating anglers around the highway bridge in spite of excellent fishing areas further downstream.

Other issues include the following:

- power transmission lines
- hunting and trapping regulation
- sanitation
- fish habitat protection
- preservation of archaeological resources
- handicapped access to fishing areas
- historic trails
- state competition with private recreation providers
- road development within the park
- floodplain or wetlands construction
- regional road network

Figure 18. BOUNDARY ANALYSIS*



Source Alaska Division of Parks

6 GENERAL RECOMMENDATIONS

Zoning

To further clarify the intent for management of land and resources within state park units, all lands within each park unit are classified into one or more of the following zones:

- natural zone
- cultural zone
- recreational development zone
- wilderness zone

Figure 19a, page 44, is excerpted from the Alaska State Park System: Statewide Framework, published in 1982. The intent and management considerations for each zone are described.

The proposed Willow Creek State Recreation Area is zoned in Figure 19b, page 45. Only the recreational development and natural zones are applied within this park unit.

Regulation of Commercial Activities

With legislative establishment of the Willow

Creek State Recreation Area, the Division of Parks will become responsible for regulating commercial activities within the park. At the present time, commercial activities are limited to riverboat operators whose charter services are based at the Park Highway bridge. A large portion of the boat traffic on Willow Creek is by commercial operators.

As the facilities recommendations of this plan are implemented, a boat launch will be built at the Willow Creek mouth. At that time, it is recommended that the Division of Parks institute a permit system which will allow commercial riverboat operations to be conducted at the boat launch area. Permits will be issued with appropriate stipulations.

This recommendation is intended to reduce conflicts between boaters and anglers by relocating the commercial operations to a better location. It is consistent with proposed regulations governing the operation of state park units.

Riverboating Regulation

With establishment of a state park unit at Willow Creek, Division of Parks will accept responsibility and authority to resolve conflicts and protect the area's natural environment. One management tool is the authority to regulate the various recreational activities.

A major recreational issue at Willow Creek is the growing conflict between riverboaters and other users and increasing concerns about the environmental impacts of riverboating. In an effort to resolve this issue, a new boat launch at the Willow Creek mouth is recommended (see recommendation, page 55).

By providing an alternative to boat launching at the Parks Highway bridge, the new launch is intended to alleviate the problem. If conflicts continue in spite of the alternative launch, it is recommended that the director exercise the Division of Parks' authority and close Willow Creek to motorized boating. Such a closure would take place after appropriate public notice and review.

Visitor Education, Interpretation

A nature trail is recommended as one component of an interpretive program (see recommendation, page 59). As visitation at Willow Creek increases, another component should be an active, ranger-assisted series of topical programs. A third component, which should be initiated early, is the production of a brochure describing the area's natural features and resources.

A final educational subject should concern boating safety and handling techniques. With construction of the new boat launch at the Willow Creek mouth, boaters will be launching into the difficult and potentially dangerous waters of the Susitna River. It is recommended that the Division of Parks take every opportunity to educate boaters, with such devices as bulletin boards, lectures, and demonstrations.

Archaeological Preservation

The locations of facilities in this plan have been selected without the benefit of a comprehensive cultural resources survey (see recommendation, page 53). It is possible that a survey will discover significant resources in an area slated for development. In such a case, the Division of Parks should make every reasonable effort to reroute or relocate the facilities to avoid the prehistoric resources. If rerouting or relocation is not feasible, other efforts to preserve the cultural materials will be explored, including excavation and removal.

Driveways, Intersections on the Willow Creek Parkway

Although primarily a park road, the Willow Creek Parkway can meet multiple use objectives by providing access to lands south of the park. The Matanuska-Susitna Borough owns land bordering the park. In the future, the borough may choose to dispose of the land. In anticipation, this plan identifies acceptable locations where access roads might intersect the parkway (see Figure 20, page 46). These points have been selected

and spaced so as to preserve the natural experience of the parkway while providing reasonable access to outlying areas. Permits for parkway intersections will be issued by the Division of Parks only for those designated points.

Vegetation Thinning, Revegetation

Most of the facilities recommended in this plan will be located on the forested upland benches south of Willow Creek, where vegetation limits distant views of Mount McKinley and the Alaska Range. Selective hand thinning of trees and brush should be performed in certain areas to enhance scenic qualities. Specific areas will be identified by landscape architects during the site planning phase of development and again during construction.

During construction of new facilities, vegetation will inevitably be impacted by heavy equipment. To the extent practical, impacted areas should be reclaimed and revegetated. Road cut and fill slopes should be dressed with surplus topsoil and seeded or planted with native ground cover and brush species. These revegetation efforts will be detailed by landscape architects during the construction phase of development.

Disposal of Construction Waste Materials

Based upon investigations by the Alaska Department of Transportation and Public Facilities, it has been determined that the silty soils found on-site are not acceptable

road construction materials. These organic silts must be excavated, typically to a depth of two feet, and removed before suitable materials can be brought in from off-site.

In order to reduce construction costs, two disposal sites within the park have been identified to receive surplus excavated material (see Figure 20, page 46). In this manner, transportation costs are reduced and these topsoils are available for later use.

The disposal sites will be revegetated according to guidelines set forth by landscape architects during the site planning process. Access will be limited by gates or other barriers.

Signing

Because of the size and magnitude of facilities proposed for the Willow Creek State Recreation Area, a signing plan should be formulated at an early stage to ensure that regulatory and informational signs are both effective and consistent with park values. The sign plan will be particularly valuable during the lengthy period of development, expected to occur in phases over several years.

Trapping

The Willow Creek corridor supports a number of fur-bearing animals, most notably beaver. Trappers have for many years taken furbearers in the corridor, in a sustained yield manner which has not substantially dimin-

ished populations. It is recommended that trapping be allowed to continue, with the understanding that the Department of Fish and Game has authority for managing the area's wildlife resources.

Transportation, Utility Corridors

In anticipation of continued growth in the railbelt region, reconnaissance transportation and utility studies are identifying various corridors for roads, electricity transmission lines, etc. For example, the Alaska Power Authority is studying route alignments for transmission lines which will be necessary if the proposed Susitna hydroelectric project is constructed. One possible alignment bissects the park, traveling over the proposed location of a vehicle campground.

In order to preserve park values and protect recreational resources from intrusion, it is recommended by the Division of Parks that new transportation and utility corridors avoid the boundaries proposed for Willow Creek State Recreation Area.

Operations and Maintenance Staffing

To provide quality public recreation, it is not enough for the state to simply establish new parks and construct new facilities. Equally important is funding for staff personnel, maintenance, repairs, and equipment needs. These are the operational items which are so often neglected as budgets are formulated, yet they provide benefits which accrue directly to recreationists in the form of well-managed facilities and ranger assistance.

As the Division of Parks makes capital funding requests to implement the facilities recommendations of this plan, companion fiscal notes will also be prepared. The notes will detail the support functions, additional staff, special equipment, and other ongoing operational needs which the construction of new facilities will bring. Figure 21, page 50, compiles the phased operational requirements at Willow Creek, designed to coincide with the phases of facility construction.

Hunting

The Alaska Board of Game is responsible for developing hunting regulations addressing such factors as opened/closed areas, seasons, species, and bag limits.

The boat launch area will be heavily used during the autumn big game hunting season by hunters destined for outlying areas. Because of this concentrated use, a real danger would be created by other hunters stalking the surrounding area and inadvertently shooting in the direction of the launch. For public safety purposes, it is recommended that the Board of Game close the state recreation area to all hunting during the fall big game season. Afterwards, when boat launching activity has declined, the area would be opened for small game hunting, with small caliber rifles and shotguns.

Failing action by the Board of Game, it is recommended that the Division of Parks exercise its authority to protect public safety by closing the area to the discharge of firearms.

- Facilities thought to be inappropriate include overnight cabins, lodges/hotels/motels, convenience stores, and playfields.
- Sport fishing is the primary attraction at Willow Creek. Other attractions include its accessibility, pleasant atmosphere, and riverboat access to downstream areas such as the Deshka River.
- Overcrowding was most often mentioned as a negative feature of the area. Anchorage residents next indicated poor maintenance, while local residents complained of boat traffic on Willow Creek. Another problem cited is a lack of developed camping areas.
- When asked what type of overnight accommodations they used, 58% of Anchorage respondents listed some type of vehicle and 56% used tents. (Note that because some people use both types of accommodations, the percentages total more than 100.) Seventy-one percent of Matanuska-Susitna respondents used a vehicle, while 50% used a tent.
- Most people favored locating camping areas within reasonable walking distance, as opposed to streambank development or areas located several miles away.
- Anglers were satisfied with their fishing success rates for most fish species. King salmon fishing brought a mixed response, with 50% of the fishermen being dissatisfied.

Regional Preferences

The Alaska Outdoor Recreation Plan, published by the Division of Parks in 1981, contains detailed information about the preferences of Southcentral Alaska residents. Figures 12, 13, 14, 15, and 16 are excerpted from the plan and lead to the following conclusions relating to the management and development of a Willow Creek State Recreation Area.

- Fishing and tent camping are the two activities which respondents desired to do more often (Figure 12). The Willow Creek area can provide opportunities for both these activities, consistent with the land and water's ability to absorb adverse impacts.

Figure 12. ACTIVITIES THAT SOUTHCENTRAL PARTICIPANTS WOULD LIKE TO DO MORE OFTEN

	Percent of Respondents
Fishing	25%
Tent camping	12%
Hunting	7%
Motorboating	8%
Hiking/walking*	4%
Alpine skiing	4%
Swimming	3%
Flying	3%
Horseback riding*	3%
Sailing	2%
Canoeing/kayaking	2%
Bicycling*	2%
Beach combing	2%
Traveling/sightseeing	1%
Cross-country skiing*	1%
Other	21%
None	0%
* Trail related activities subtotal 10%	

Source: Alaska Division of Parks

- The four most popular outdoor recreational activities in the region are fishing, tent camping, hiking/walking/running, and hunting (Figure 13). The Willow Creek corridor is capable of supporting all of these activities, with care taken that increased usage does not spoil the area's natural character.
- Acquisition and development of more backpacking campsites are favored by a majority of southcentral residents (Figure 14). In its extensive lowlands with complex drainage patterns, the Willow Creek corridor is especially suited to these low-impact facilities.
- More and better developed roadside campgrounds and picnic areas are favored (Figure 14). The well drained uplands overlooking Willow Creek are capable of meeting some of this demand, due to their suitability for a range of intensive activities and facilities.
- Southcentral residents want more hiking trails (Figure 14). The Willow Creek corridor is suited for a network of streamside and back-country trails. Such a trail network would serve several user groups, including anglers, hikers, skiers, snowmachiners, and dog mushers.
- More and better developed canoeing, kayaking, and rafting trails are favored in the southcentral region (Figure 14). Comments received during public meetings indicate that the curving and

Figure 13. FAVORITE SOUTHCENTRAL OUTDOOR RECREATION ACTIVITIES††

1. Fishing	24%
2. Tent camping	9%
3. Hiking/walking/running*	5%
4. Hunting	6%
5. Motorboating	5%
6. Beachcombing	5%
7. Baseball/softball	4%
8. Bicycling*	3%
9. Cross-country skiing*	4%
10. Alpine skiing	4%
11. Winter off-road vehicle*	3%
12. Swimming	2%
13. Flying for pleasure	2%
14. Summer off-road vehicle*	2%
15. Travelling/sightseeing	2%
16. Horseback riding*	2%
17. Other**	

* Trail related activities
 ** Twenty five other activities were listed and represent one percent or less each
 †† Represents first preference given

Source: Alaska Division of Parks

Figure 14. PREFERENCES FOR SOUTHCENTRAL STATE PARK ACQUISITION, DEVELOPMENT AND MAINTENANCE

	More Areas	Develop Areas	Just Maintain	Less Areas
Hiking trails	63%	31%	15%	1%
Roadside campgrounds/picnic areas	61%	17%	20%	2%
Backpacking campsites	48%	29%	21%	2%
Canoeing, kayaking, and rafting trails	41%	33%	22%	4%
Developed recreation areas	61%	23%	24%	2%
Well-accessed natural areas	38%	33%	25%	4%
Historic sites	37%	32%	25%	6%
Wilderness areas	23%	25%	35%	17%

Source: Alaska Division of Parks

debris-strewn waters of Willow Creek are dangerous for canoe operation. Rafting and kayaking, however, are judged to be suitable activities in these waters.

- Desired features in out-of-town recreational areas include fishing areas, access to water, facilities such as campsites and picnic tables, and undisturbed natural areas (Figure 15). Willow Creek is capable of meeting some of this demand, in an area within two hours driving time of Anchorage.
- For many Susitna valley residents, a park at Willow Creek will serve as a community recreational area. Desired features in community recreational areas - which are also consistent with the mission of the State Park System - include trails, paved roads, water access, and picnic tables, campsites, drinking water, and restrooms (Figure 16).

Recreational Demand

In keeping with Alaska's explosive population growth, demand for outdoor recreation rose dramatically during the decade of the seventies. The number of sport fishing licenses issued increased from 113,394 in 1970 to 206,804 in 1980, according to the Department of Fish and Game. Division of Parks figures indicate that visitation at the Matanuska-Susitna district parks rose from 92,078 in FY73 to 391,923 in FY81, representing a 426% increase in 8 years.

Figure 15. DESIRED FEATURES IN SOUTHCENTRAL OUT-OF-TOWN RECREATION AREAS

Features	Percentage of Southcentral Population in Favor of Features
1. Fishing areas	95%
2. Access to water for swimming or boating	91%
3. Areas for hunting	87%
4. Picnic tables, campsites drinking water, restrooms	91%
6. Undisturbed natural areas	88%
6. Bicycle, walking, skiing or horseback riding trails	84%
7. Motorcycle, snowmachine and other ORV Trails	78%
8. Paved roads	89%
9. Unpaved roads	86%
10. Overnight lodging	86%
11. Electrical hook-ups, showers general store	66%
12. Playfields	60%
13. Lawns & benches	49%

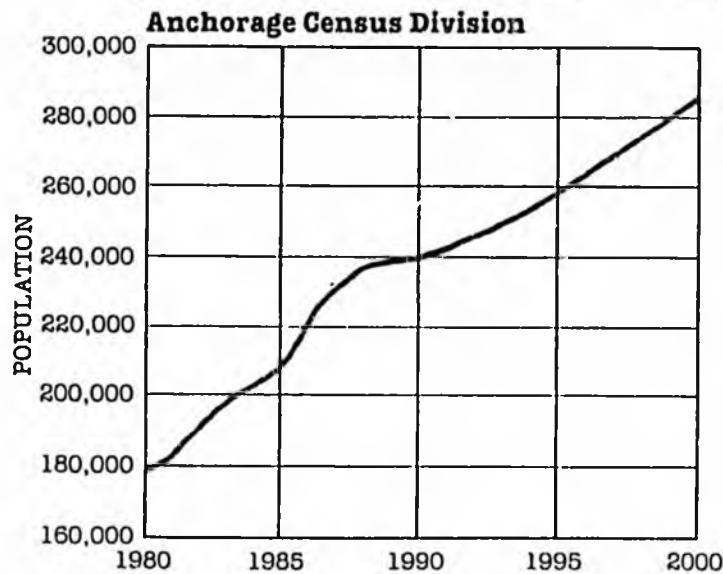
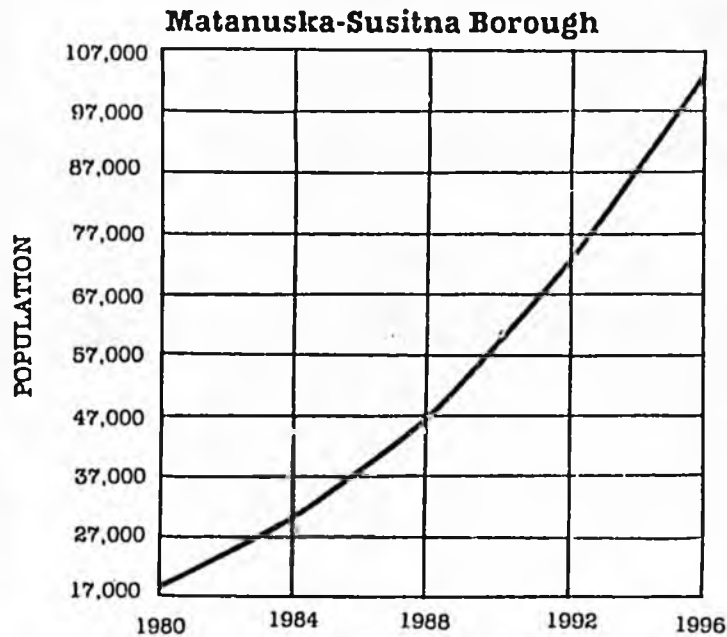
Source: Alaska Division of Parks

Figure 16. DESIRED FEATURES IN SOUTHCENTRAL COMMUNITY RECREATION AREAS

Features	Percentage of Southcentral Population In Favor of Features
1. Playfields	95%
2. Lawns & benches	92%
3. Bicycle, walking, skiing or horseback riding trails	85%
4. Paved roads	85%
5. Access to water for swimming and boating	77%
6. Picnic tables, campsites, drinking water, restrooms	76%
7. Undisturbed natural area	64%
8. Overnight lodging	61%
9. Electrical hookups, showers, general store	51%
10. Fishing areas	56%
11. Motorcycle, snowmachine and other ORV trails	44%
12. Unpaved roads	21%
13. Areas of hunting	9%

Source: Alaska Division of Parks

Figure 17. POPULATION FORECASTS



Source: Institute of Social and Economic Research

Population growth is forecasted to continue into the next century (see Figure 17, page 33), although at slower rates than in the past 10 years. Likewise, demand for recreational opportunities will continue to grow (particularly for such favorite activities as fishing, camping, hiking), but at reduced rates. Consistent with a national trend toward closer-to-home recreational outings, this moderation in demand will be offset somewhat by the Matanuska-Susitna district's proximity to population centers.

For the purposes of this plan, it is assumed by the Division of Parks that recreational demand exceeds the capability of the Willow Creek corridor to provide quality experiences. Therefore, this plan will recommend only those facilities and activities which can be accommodated while maintaining the area's high natural and aesthetic qualities.

Bradley
4/26/86

*OUT - ADDITIONAL
LAND
IN - COMES BACK
TO LEG. FOR
REVIEW*

Original sponsor: Larson

1 IN THE HOUSE

BY THE RESOURCES COMMITTEE

2 SENATE CS FOR CS FOR HOUSE BILL NO. 635 (Resources)

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 FOURTEENTH LEGISLATURE - SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act establishing the Willow Creek State Recre-
7 ation Area; and providing for an effective date."

8 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

9 * Section 1. PURPOSE. The purpose of this Act is to:

10 (1) designate as a state recreation area the land and water
11 described in AS 41.21.491(a);

12 (2) emphasize and manage recreational uses and associated devel-
13 opment activities in the unit; and

14 (3) maintain and enhance the fishery and wildlife habitat in the
15 unit.

16 * Sec. 2. AS 41.21 is amended by adding new sections to read:

17 Sec. 41.21.491. WILLOW CREEK STATE RECREATION AREA. (a) The
18 surface estate in the land and water owned by the state as of the
19 effective date of this Act and all land and water acquired by the
20 state in the future, including shore and submerged land, lying within
21 the parcels described in this subsection is designated as the Willow
22 Creek State Recreation Area:

23 Township 19 North, Range 4 West, Seward Meridian

24 Section 5: Lot 3, Lot 4, S1/2NE1/4NE1/4, SE1/4NW1/4NE1/4,
25 SW1/4NE1/4, N1/2NW1/4SE1/4, S1/2NW1/4

26 Section 6: Lot 3, Lot 4, Lot 5, SE1/4NW1/4

27 Township 19 North, Range 5 West, Seward Meridian

28 Section 1: SE1/4, W1/2, Tract A, Tract B, Tract C

29 Section 2

1 Section 3: N1/2

2 Township 20 North, Range 5 West, Seward Meridian

3 Section 34

4 Section 35

5 Section 36: S1/2

6 (b) The Department of Natural Resources may agree to manage land
7 owned by the Matanuska-Susitna Borough that is within the parcels
8 described in (a) of this section and that is designated by ordinance
9 or resolution of the borough as a part of the Willow Creek State
10 Recreation Area.

11 (c) Subject to valid existing rights, the land and water de-
12 scribed in (a) of this section are designated as a special purpose
13 area under art. VIII, sec. 7, Constitution of the State of Alaska.

14 (d) Except for oil and gas leasing under AS 38.05.180, the
15 mineral estate in the state-owned land and water described in (a) of
16 this section is closed to mineral entry under AS 38.05.181 - 38.05.-
17 280.

18 Sec. 41.21.492. DESIGNATION OF MANAGEMENT RESPONSIBILITIES. (a)
19 The land and water described in AS 41.21.491(a) and the land and water
20 owned by the Matanuska-Susitna Borough and designated by the borough
21 under AS 41.21.491(b) are assigned to the Department of Natural Re-
22 sources for control, maintenance, and development, consistent with the
23 purposes of AS 41.21.491 - 41.21.496.

24 (b) Nothing in AS 41.21.491 - 41.21.496 affects the responsibil-
25 ities of

26 (1) the Department of Fish and Game, the Board of Fisher-
27 ies, or the Board of Game under AS 41.99.010 and AS 16;

28 (2) the Department of Environmental Conservation under
29 AS 46.03; or

1 (3) state agencies and municipalities under AS 44.19.-
2 145(a)(11) and AS 46.40.100.

3 Sec. 41.21.493. COMPREHENSIVE MANAGEMENT PLAN. The commissioner
4 shall develop and adopt and may revise a comprehensive management plan
5 for the Willow Creek State Recreation Area with the concurrence of the
6 Matanuska-Susitna Borough. Each management plan adopted or revised by
7 the commissioner under this section shall be submitted to the legisla-
8 ture for its review at the first regular session to convene after the
9 adoption or revision.

10 Sec. 41.21.494. REGULATIONS. The commissioner shall adopt
11 regulations under the Administrative Procedure Act (AS 44.62) that are
12 necessary to achieve the purposes of AS 41.21.491 - 41.21.496 and to
13 implement the plan adopted under AS 41.21.493. The regulations shall

14 (1) designate incompatible uses and prohibit or restrict
15 them;

16 (2) allow road, railroad, and utility crossing of Willow
17 Creek so as to minimize disturbance to the river's habitat and scenic
18 and recreation values;

19 (3) allow fishery rehabilitation or enhancement practices
20 under terms that are compatible with AS 41.21.491 - 41.21.496;

21 (4) allow the legal taking of fur-bearing animals; and

22 (5) allow for hunting, except where it must be prohibited
23 for reasons of public safety.

24 Sec. 41.21.495. COOPERATIVE MANAGEMENT AGREEMENTS. The commis-
25 sioner may enter into cooperative management agreements with a federal
26 agency, a municipality, another state agency, or a private landowner
27 to achieve the purposes of AS 41.21.491 - 41.21.496.

28 Sec. 41.21.496. CIVIL ENFORCEMENT. In addition to any other
29 remedy provided by law, the attorney general may seek an injunction

1 and damages, at the request of the commissioner, for a violation of a
2 regulation adopted under AS 41.21.494 or a regulation that is applica-
3 ble to the Willow Creek State Recreation Area established under
4 AS 41.21.491.

5 * Sec. 3. The commissioner of natural resources shall adopt the compre-
6 hensive management plan under AS 41.21.493, enacted by sec. 2 of this Act,
7 within two years after the effective date of this Act.

8 * Sec. 4. This Act takes effect immediately in accordance with AS 01.-
9 10.070(c).

Offered: 3/5/86
Referred: Finance

Original sponsor: Larson

*2 as final note
800 state land
2500 met base*

1 IN THE HOUSE

BY THE RESOURCES COMMITTEE

2

CS FOR HOUSE BILL NO. 635 (Resources)

3

IN THE LEGISLATURE OF THE STATE OF ALASKA

4

FOURTEENTH LEGISLATURE - SECOND SESSION

5

A BILL

6

For an Act entitled: "An Act establishing the Willow Creek State Recreation Area; and providing for an effective date."

7

8

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

9

* Section 1. PURPOSE. The purpose of this Act is to:

10

(1) designate as a state recreation area the land and water

11

described in AS 41.21.491(a);

12

(2) emphasize and manage recreational uses and associated devel-

13

opment activities in the unit; and

14

(3) maintain and enhance the fishery and wildlife habitat in the

15

unit.

16

* Sec. 2. AS 41.21 is amended by adding new sections to read:

17

Sec. 41.21.491. WILLOW CREEK STATE RECREATION AREA. (a) The

18

surface estate in the land and water owned by the state as of the

19

effective date of this Act and all land and water acquired by the

20

state in the future, including shore and submerged land, lying within

21

the parcels described in this subsection is designated as the Willow

22

Creek State Recreation Area:

23

Township 19 North, Range 4 West, Seward Meridian

24

Section 5: Lot 3, Lot 4, S1/2NE1/4NE1/4, SE1/4NW1/4NE1/4,

25

SW1/4NE1/4, N1/2NW1/4SE1/4, S1/2NW1/4

26

Section 6: Lot 3, Lot 4, Lot 5, SE1/4NW1/4

27

Township 19 North, Range 5 West, Seward Meridian

28

Section 1: SE1/4, W1/2, Tract A, Tract B, Tract C

29

Section 2

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Section 3: N1/2
Township 20 North, Range 5 West, Seward Meridian

- Section 34
- Section 35
- Section 36: S1/2

(b) The Department of Natural Resources may agree to manage land owned by the Matanuska-Susitna Borough that is within the parcels described in (a) of this section and that is designated by ordinance or resolution of the borough as a part of the Willow Creek State Recreation Area.

(c) Subject to valid existing rights, the land and water described in (a) of this section are designated as a special purpose area under art. VIII, sec. 7, Constitution of the State of Alaska.

(d) Except for oil and gas leasing under AS 38.05.180, the mineral estate in the state-owned land and water described in (a) of this section is closed to mineral entry under AS 38.05.181 - 38.05.-280.

Sec. 41.21.492. DESIGNATION OF MANAGEMENT RESPONSIBILITIES. (a) The land and water described in AS 41.21.491(a) and the land and water owned by the Matanuska-Susitna Borough and designated by the borough under AS 41.21.491(b) are assigned to the Department of Natural Resources for control, maintenance, and development, consistent with the purposes of AS 41.21.491 - 41.21.497.

(b) Nothing in AS 41.21.491 - 41.21.497 affects the responsibilities of

- (1) the Department of Fish and Game, the Board of Fisheries, or the Board of Game under AS 41.99.010 and AS 16;
- (2) the Department of Environmental Conservation under AS 46.03; or

1 (3) state agencies and municipalities under AS 44.19.-
2 145(a)(11) and AS 46.40.100.

3 Sec. 41.21.493. COMPREHENSIVE MANAGEMENT PLAN. The commissioner
4 shall develop and adopt a comprehensive management plan for the Willow
5 Creek State Recreation Area with the concurrence of the Matanuska-
6 Susitna Borough.

7 Sec. 41.21.494. REGULATIONS. The commissioner shall adopt
8 regulations under the Administrative Procedure Act (AS 44.62) that are
9 necessary to achieve the purposes of AS 41.21.491 - 41.21.497 and to
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11 (1) designate incompatible uses and prohibit or restrict
12 them;

13 (2) allow road, railroad, and utility crossing of Willow
14 Creek so as to minimize disturbance to the river's habitat and scenic
15 and recreation values;

16 (3) allow fishery rehabilitation or enhancement practices
17 under terms that are compatible with AS 41.21.491 - 41.21.497;

18 (4) allow the legal taking of fur-bearing animals; and

19 (5) allow for hunting, except where it must be prohibited
20 for reasons of public safety.

21 Sec. 41.21.495. ADDITIONAL LAND. (a) The commissioner may
22 acquire, in the name of the state, title to or an interest in land or
23 improvements on land that is adjacent to or within the boundaries of
24 the Willow Creek State Recreation Area in order to achieve the pur-
25 poses of AS 41.21.491 - 41.21.497. This acquisition may be by lease,
26 purchase, exchange under AS 38.50, bequest, gift, or other lawful
27 means, but not by eminent domain.

28 (b) The commissioner may adjust the boundaries of the Willow
29 Creek State Recreation Area under AS 38.05.295 - 38.05.300 by adding

up to 640 acres

*Possible
Amendment*

1 state-owned land and water to achieve the purposes of AS 41.21.491
2 41.21.497.

3 Sec. 41.21.496. COOPERATIVE MANAGEMENT AGREEMENTS. The commis-
4 sioner may enter into cooperative management agreements with a federal
5 agency, a municipality, another state agency, or a private landowner
6 to achieve the purposes of AS 41.21.491 - 41.21.497.

7 Sec. 41.21.497. CIVIL ENFORCEMENT. In addition to any other
8 remedy provided by law, the attorney general may seek an injunction
9 and damages, at the request of the commissioner, for a violation of a
10 regulation adopted under AS 41.21.494 or a regulation that is applica-
11 ble to the Willow Creek State Recreation Area established under
12 AS 41.21.491.

13 * Sec. 3. The commissioner of natural resources shall adopt the compre-
14 hensive management plan under AS 41.21.493, enacted by sec. 2 of this Act,
15 within two years after the effective date of this Act.

16 * Sec. 4. This Act takes effect immediately in accordance with AS 01.-
17 10.070(c).

18

Bradley
4/26/86

*add
Mental Health
boards amendment
if any - didn't
mean it*

Original sponsor: Larson

1 IN THE HOUSE

BY THE RESOURCES COMMITTEE

2 SENATE CS FOR CS FOR HOUSE BILL NO. 635 (Resources)

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 FOURTEENTH LEGISLATURE - SECOND SESSION

5 A BILL

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29 Section 2

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9 or resolution of the borough as a part of the Willow Creek State
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11 (c) Subject to valid existing rights, the land and water de-
12 scribed in (a) of this section are designated as a special purpose
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14 (d) Except for oil and gas leasing under AS 38.05.180, the
15 mineral estate in the state-owned land and water described in (a) of
16 this section is closed to mineral entry under AS 38.05.18~~0~~²⁷⁵ - 38.05.-
17 280. _S

18 Sec. 41.21.492. DESIGNATION OF MANAGEMENT RESPONSIBILITIES. (a)
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23 purposes of AS 41.21.491 - 41.21.496.

24 (b) Nothing in AS 41.21.491 - 41.21.496 affects the responsibil-
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3 ble to the Willow Creek State Recreation Area established under
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5 * Sec. 3. The commissioner of natural resources shall adopt the compre-
6 hensive management plan under AS 41.21.493, enacted by sec. 2 of this Act,
7 within two years after the effective date of this Act.

8 * Sec. 4. This Act takes effect immediately in accordance with AS 01.-
9 10.070(c).



RECORDS CERTIFICATION

I, the undersigned, an employee of the State of Alaska, do hereby certify that the microfilm images on this microform are accurate reproductions of the original records of the State of Alaska as accumulated during the regular course of business, and that it is the established policy and practice of this State to microfilm its records and to dispose of the original records after microfilm reproductions have been made.

James Smith
Signature of Camera Operator

11/24/89
Date

H B

693



STATE OF ALASKA
OFFICE OF THE GOVERNOR
JUNEAU

May 6, 1986

The Honorable Arliss Sturgulewski
Chairman Senate Resources Committee
Alaska State Legislature
P.O. Box V
Juneau, AK 99811

Dear Senator Sturgulewski:

The purpose of HB 693, "An Act establishing the Alaska research policy," is to establish a state research policy which will assist the state leadership in identifying the research needs across Alaska; assessing these needs and recommending their level of priority; and helping to identify the people within the academic institutions, industry, and across the state who can resolve these needs.

These needs range from protecting the health of all Alaskans to the proper development of our renewable and non-renewable resources, to investigating and mitigating natural hazards, to identifying and addressing the social and economic challenges facing the state.

An Alaskan research policy is necessary to interact with the federal Arctic Research Commission to provide that group with Alaskan concerns regarding state research needs.

The membership of the Commission is deliberately small (four (4) members and the Senior Science Advisor). This body can put knowledgeable ad hoc committees together from those areas requiring attention.

The Governor assures the Committee that a Professional Engineer will be a member of the Commission. That person could fall in any of the categories listed.

There is no fiscal note to this bill. Per diem and travel costs will be handled within the Governor's office.

I recommend passage of this bill for the benefit of all Alaskans.

Sincerely,

Richard A. Neve
Richard A. Neve', Ph.D.
Senior Science Advisor

Alaska State Legislature

ARLISS STURGULEWSKI, Chairman
BETTYE FAHRENKAMP, Vice Chairman
JACK COGHILL
DICK ELIASON
VIC FISCHER
RICK HALFORD
FRED ZHAROFF



P. O. BOX V
JUNEAU, ALASKA 99811
(907) 465-4907

Senate Committee on Resources

TO: Senate Resource Committee Members May 5, 1986

FROM: Senate Resource Committee Staff *MEL*

RE: CS for House Bill No. 693 (State Affairs) am
"An Act establishing the Alaska Research Policy."

The purpose of the Alaska Research Policy Act is to establish state research policy, priorities, and goals and provide a plan for basic and applied scientific research for the state. The bill creates a science and engineering advisory commission.

There will be a proposed CS at the meeting which specifies that one member of the commission be a professional engineer.

In this packet is the Governor's transmittal letter, a zero fiscal note, a letter from the Arctic Division of the American Association for the Advancement of Science, and the American Society of Civil Engineers.

BILL SHEFFIELD
GOVERNOR



STATE OF ALASKA
OFFICE OF THE GOVERNOR
JUNEAU

February 21, 1986

The Honorable Ben Grussendorf
Speaker of the House
Alaska State Legislature
P.O. Box V
Juneau, AK 99811

Dear Representative Grussendorf:

Under the authority of art. III, sec. 18, of the Alaska Constitution, I am transmitting a bill to establish an Alaska research policy. An essential feature of this is the creation of the science and engineering advisory commission, to be headed by the senior science advisor, in the governor's office. This will provide an organized, coordinated, and efficient means of assuring that the State of Alaska will be better able to stay abreast of scientific and technological advancements, for the good of all Alaskans.

Sincerely,

A handwritten signature in cursive script that reads "Bill Sheffield".

Bill Sheffield
Governor

**STATE OF ALASKA 1986 LEGISLATIVE SESSION
FISCAL NOTE**

Revision Date : 4/10/86

REQUEST

Bill/Resolution No. : CSHB 693(SA)
 Title : An Act establishing Alaska
 research policy
 Sponsor : Governor
 Requestor : House Finance Committee
 Date of Request : 4/10/86

FISCAL DETAIL

Agency Affected : Office of the Governor
 BRU : _____
 Components : _____

EXPENDITURES/REVENUES : (Thousands of Dollars)

OPERATING	FY 86	FY 87	FY 88	FY 89	FY 90	FY 91
PERSONAL SERVICES		0	0	0	0	0
TRAVEL		0	0	0	0	0
CONTRACTUAL		0	0	0	0	0
SUPPLIES		0	0	0	0	0
EQUIPMENT		0	0	0	0	0
LAND & STRUCTURES		0	0	0	0	0
GRANTS, CLAIMS		0	0	0	0	0
MISCELLANEOUS		0	0	0	0	0
TOTAL OPERATING		0	0	0	0	0

CAPITAL		0	0	0	0	0
----------------	--	---	---	---	---	---

REVENUE		0	0	0	0	0
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FUNDING : (Thousands of Dollars)

GENERAL FUND		0	0	0	0	0
FEDERAL FUNDS		0	0	0	0	0
OTHER		0	0	0	0	0
TOTAL		0	0	0	0	0

POSITIONS :

FULL-TIME		0	0	0	0	0
PART-TIME		0	0	0	0	0
TEMPORARY		0	0	0	0	0

ANALYSIS : Attach a separate page if necessary

Travel funds will be absorbed within the Office of the Governor's FY 87 budget.

Prepared by : Al Adams, Chair Phone : 465-3706
 Division : House Finance Committee Date : 4/10/86

Approved by Commissioner : _____ Date : _____
 Agency : _____

Distribution (by Agency preparing fiscal note) :

- Legislative Finance
- Legislative Sponsor
- Requestor
- Office of Management and Budget
- Impacted Agency(ies)

ARCTIC DIVISION
AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE
P.O. Box 80271
Fairbanks, Alaska 99708

April 21, 1986

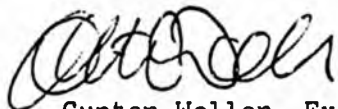
Senator Frank Ferguson
Pouch V (MS 3100)
Juneau, AK 99811

Dear Senator Ferguson:

RE: Establishing the Alaska Research Policy Act

We enthusiastically support the thrust of a bill to establish a Research Policy Act. It is essential to provide a mechanism to develop state research policy and to provide continuing input from the research community on the setting of goals and priorities for state supported research. Further, it is extremely important to provide a mechanism to advise the Governor on his input to the Federal Interagency Arctic Research Policy Committee and the Arctic Research Commission as provided for in the U.S. Arctic Research and Policy Act of 1984. A commission headed by the senior science advisor to the Governor is the proper mechanism for formulating this kind of policy advice and guidance.

Respectfully submitted,



Gunter Weller, Executive Secretary
for the Executive Board,
Arctic Division/American Association for the Advancement of Science



AMERICAN SOCIETY OF CIVIL ENGINEERS

Howard Thomas
Woodward-Clyde Consultants
701 Sesame Street
Anchorage, AK 99503
Phone: 561-1020

May 1, 1986

Resources Committee
Alaska State Senate
Pouch V
Juneau, AK 99811

Gentlemen:

Alaska Research Policy Act

For the past two years, the American Society of Civil Engineers has actively supported the creation of the national Arctic Research Commission and has established formal liaison with the commission through commission member Dr. Lincoln Washburn and ASCE's Technical Council on Cold Regions Engineering. With this background, we were pleased to learn of the initiation of ~~SB~~ SB 693 during the current legislative session to establish a complementary Alaska state research policy.

The purpose of this letter is to express ASCE's support of SB 693 to the Senate Resources Committee. We note that, to implement the purpose of the proposed act, the bill provides for the establishment of a "Science and Engineering Advisory Commission," to consist of five members to be appointed by the governor. That the duties of the commission members shall include "providing policy information on matters having engineering significance," "acting in an advocacy role for engineering issues," etc.

It appears to us that proper carrying-out of the commission duties outlined in the bill will require a significant amount of engineering background and experience. For this reason, we strongly recommend that Sec. 44.19.256 of the bill be modified to stipulate that at least one of the commission members shall be a professional engineer.

Sincerely yours,

Howard P. Thomas, P.E.
President, Anchorage Branch

HPT/jj

M/1

cc: Mal Linthwaite,
President, Alaska Section

Offered: 3/19/86
Referred: Health, Education &
Social Services and Finance

Original sponsor: Rules/Governor

*Gov. Pomeroy to
app. + amend
which is a copy
of original.*

1 IN THE HOUSE

BY THE STATE AFFAIRS COMMITTEE

2 CS FOR HOUSE BILL NO. 693 (State Affairs) am

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 FOURTEENTH LEGISLATURE - SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act establishing the Alaska research policy."

7 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

8 * Section 1. AS 44.19 is amended by adding new sections to read:

9 ARTICLE 14A. ALASKA RESEARCH POLICY ACT.

10 Sec. 44.19.250. PURPOSE. The purpose of the Alaska Research
11 Policy Act is to establish state research policy, priorities, and
12 goals, and to provide a plan for basic and applied scientific research
13 for the state, including natural resources and materials, physical,
14 biological, and health sciences, and social and behavioral sciences.

15 Sec. 44.19.252. STATEMENT OF POLICY. It is the policy of the
16 state in AS 44.19.250 - 44.19.264, to recognize the important role
17 that scientific and engineering research and science education play
18 for the people of the state and the entire nation. The policy will
19 make it possible to

20 (1) find, develop, and manage the natural renewable and
21 nonrenewable resources of the state's land and water economically and
22 in an environmentally acceptable fashion;

23 (2) manage the unique features of the environment, fauna,
24 and flora of the state and protect them from harmful man-made and
25 natural influences;

26 (3) investigate and mitigate the effects of natural hazards
27 such as earthquakes, volcanic eruptions, avalanches, permafrost, and
28 other hazards that occur in the state;

29 (4) construct, operate, and maintain transportation

1 systems, communications, housing, and other facilities suited to the
2 state's conditions;

3 (5) develop new technologies adapted to the unique con-
4 ditions and needs of the state;

5 (6) improve the health and well being throughout the life
6 cycle of the state's inhabitants; and

7 (7) identify and address future social and economic chal-
8 lenges facing the state.

9 Sec. 44.19.254. SCIENCE AND ENGINEERING ADVISORY COMMISSION.
10 The science and engineering advisory commission is established as a
11 permanent advisory agency in the Office of the Governor.

12 Sec. 44.19.256. MEMBERS OF COMMISSION. (a) The commission is
13 composed of five members appointed by the governor as follows:

14 (1) one member is to be appointed from individuals from the
15 academic institutions of the state with expertise in areas of research
16 relating to the state including the physical, biological, health,
17 environmental, social, and behavioral sciences;

18 (2) one member is to be appointed from individuals who are
19 engaged in activities furthering the welfare of the human and physi-
20 environment and who have expertise in areas of research relating to
21 the state, including the physical, biological, health, environmental,
22 social, and behavioral sciences;

23 (3) one member is to be appointed from state departments
24 with research needs; and

25 (4) one member is to be appointed from individuals familiar
26 with the state and representative of the needs and interests of pri-
27 vate industry;

28 (5) the senior science advisor in the governor's office,
29 who serves as chairman and director of the commission.

1 (b) The members must be residents of the state and must be
2 appointed without regard to political affiliation.

3 Sec. 44.19.258. TERM OF MEMBERS OF COMMISSION. Members of the
4 commission, other than the senior science advisor, serve staggered
5 terms of four years and until a successor qualifies and is appointed.

6 Sec. 44.19.260. EXPENSES AND PER DIEM. A member of the commis-
7 sion serves without compensation but is entitled to travel expenses
8 and per diem prescribed for state boards and commissions under AS 39.-
9 20.180.

10 Sec. 44.19.262. DUTIES OF THE COMMISSION. The commission shall

11 (1) with the senior science advisor, develop and recommend
12 an integrated state research policy;

13 (2) provide policy information to the governor and the
14 legislature on matters that have scientific and engineering signifi-
15 cance;

16 (3) receive scientific and engineering information from the
17 academic and industrial communities;

18 (4) act in an advocacy role for scientific and engineering
19 issues and science education important to the state that might other-
20 wise be overlooked;

21 (5) assist state agencies in assessing research needs and
22 establishing priorities among them;

23 (6) facilitate cooperation between state agencies and the
24 University of Alaska and other academic institutions and industry;

25 (7) recommend methods to improve logistical planning and
26 support for needed state research;

27 (8) suggest methods for improving efficient sharing and
28 dissemination of data and information in the state among interested
29 public and private institutions;

1 (9) promote science education and training for young scien-
2 tists and engineers to pursue careers in the state and the arctic.

3 (10) cooperate with the Federal Arctic Research Commission
4 in the formulation of the arctic research policy; and

5 (11) not later than September 30 of each year, present to
6 the governor the commission's recommended research priorities of the
7 state for the next fiscal year.

8 Sec. 44.19.264. SHORT TITLE. AS 44.19.250 - 44.19.264 may be
9 cited as the Alaska Research Policy Act.

10 * Sec. 2. Notwithstanding AS 44.19.258, added by sec. 1 of this Act,
11 the initial terms of members of the science and engineering advisory com-
12 mission, other than the senior science advisor, shall be set under AS 39.-
13 05.055(2).



RECORDS CERTIFICATION

I, the undersigned, an employee of the State of Alaska, do hereby certify that the microfilm images on this microform are accurate reproductions of the original records of the State of Alaska as accumulated during the regular course of business, and that it is the established policy and practice of this State to microfilm its records and to dispose of the original records after microfilm reproductions have been made.

James A. Smith
Signature of Camera Operator

11/24/89
Date

HB

704

Introduced: 4/1/86
Referred: Resources and
Finance

*1000
Board
measure
1000 Bd ft.*

1 IN THE HOUSE

BY THE RESOURCES COMMITTEE

2

HOUSE BILL NO. 704 am

3

IN THE LEGISLATURE OF THE STATE OF ALASKA

4

FOURTEENTH LEGISLATURE - SECOND SESSION

5

A BILL

6 For an Act entitled: "An Act relating to the disposal of state materials."

7 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

8 * Section 1. AS 38.05.115(a) is amended to read:

9 (a) The commissioner shall determine the timber and other mate-
10 rials to be sold, and the limitations, conditions and terms of sale.
11 The limitations, conditions and terms shall include the utilization,
12 development and maintenance of the sustained yield principle, subject
13 to preference among other beneficial uses. The commissioner may nego-
14 tiate sales of timber or materials without advertisement and on the
15 limitations, conditions, and terms that are considered to be in the
16 best interests of the state. Within a one-year period, the commis-
17 sioner may not negotiate a sale without advertisement to the same
18 purchaser of

19 (1) [HOWEVER, NOT] more than 500 M.B.M. or equivalent other
20 measure of timber; [OR]

21 (2) except as provided in (3) of this section, more than
22 25,000 cubic yards of materials; or

23 (3) more than 100,000 cubic yards of materials to a common
24 carrier holding a lease under AS 38.35 [MAY BE SOLD BY NONADVERTISED,
25 NEGOTIATED SALE TO THE SAME PURCHASER WITHIN A ONE-YEAR PERIOD].

26 * Sec. 2. AS 38.35.020 is amended by adding a new subsection to read:

27 (c) The commissioner may provide in a lease issued under this
28 section that a lessee may, with the approval of the commissioner, use
29 materials from state land when necessary to protect state land and

1 resources from the dangers or hazards resulting from damage caused by
2 a pipeline disaster or emergency. If the commissioner approves the
3 use of state materials under this subsection, the materials remain the
4 property of the state until the material is sold to the lessee in
5 accordance with the provisions of the lease. However, such approval
6 shall not transfer responsibility for clean up of said materials to
7 the state.

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Alaska State Legislature

ARLISS STURGULEWSKI, Chairman
BETTYE FAHRENKAMP, Vice Chairman
JACK COGHILL
DICK ELIASON
VIC FISCHER
RICK HALFORD
FRED ZHAROFF



P. O. BOX V
JUNEAU, ALASKA 99811
(907) 465-4907

Senate Committee on Resources

TO: Senate Resource Committee Members

May 7, 1986

FROM: Senate Resource Committee Staff

RE: House Bill No. 704 am

"An Act relating to the disposal of state materials."

This bill deals with competitive bidding on material sales by the state. This bill has a zero fiscal note and is supported by DNR. Attached is an analysis of the bill by Rep. Cotten and supporting documents.

REPRESENTATIVE
SAM COTTEN
DISTRICT 15



PO. BOX 296, EAGLE RIVER, AK 99577
POUCH V, JUNEAU, AK 99811

ALASKA STATE LEGISLATURE
HOUSE OF REPRESENTATIVES

TO: Members, Senate
Resources Committee

DATE: April 28, 1986

FROM: Rep. Sam Cotten

RE: HB 704

Background for proposed amendments to AS 38.05.115 and AS 38.35

Sec 1- Amendments to AS 38.05.115

- 1) There has never been competitive bidding on material sales to AS 38.35 (pipeline right of way) lessees. DNR holds an auction with one bidder present and bidding. In most cases the lessee is the only party in a position to use the materials so located.
- 2) This amendment will result in some savings, perhaps a few thousand dollars, in notice, publication and staff costs.
- 3) Sales of materials will be able to be expedited by approximately 60 days, which will result in better service to the lessees.
- 4) The ability to negotiate sales of material up to 100,000 cubic yards is consistent with the actual needs of pipeline lessees. It will enable such lessees to more adequately plan and prepare for major renovation and rehabilitation.
- 5) Policy is consistent with other statutes that allow negotiations for lessees providing a public service--public utilities under AS 38.05.810 and AS 38.05.075; those provisions allow for less than fair market value in addition to the ability to negotiate, while this proposal requires fair market value payment.

Sec 2 Amendment to AS 38.35

In an emergency situation, this section allows materials to be used to prevent resource damage in situations where there is not adequate time to comply with sale procedures. If oil were leaking into a stream, any prudent official would authorize the use of state material to prevent damage to state resources, even if it meant violating procedures. Legally the approach is sound as 1) The material would still be state property until the sale was completed and 2) the material, once removed from the ground, is personal property, not real property.

STATE OF ALASKA 1986 LEGISLATIVE SESSION FISCAL NOTE

Revision Date : _____

REQUEST

Bill/Resolution No. : HB 704
 Title : Disposal of State Materials

 Sponsor : House Resources
 Requestor : House Resources
 Date of Request : April 14, 1986

FISCAL DETAIL

Agency Affected : Natural Resources
 BRU : Land and Water Management

 Components : Land and Water Public
 Use

EXPENDITURES/REVENUES : (Thousands of Dollars)

OPERATING	FY 86	FY 87	FY 88	FY 89	FY 90	FY 91
PERSONAL SERVICES		-0-	-0-	-0-	-0-	-0-
TRAVEL		-0-	-0-	-0-	-0-	-0-
CONTRACTUAL		-0-	-0-	-0-	-0-	-0-
SUPPLIES		-0-	-0-	-0-	-0-	-0-
EQUIPMENT						
LAND & STRUCTURES						
GRANTS, CLAIMS						
MISCELLANEOUS						
TOTAL OPERATING		-0-	-0-	-0-	-0-	-0-

CAPITAL		-0-	-0-	-0-	-0-	-0-
---------	--	-----	-----	-----	-----	-----

REVENUE		-0-	-0-	-0-	-0-	-0-
---------	--	-----	-----	-----	-----	-----

FUNDING : (Thousands of Dollars)

GENERAL FUND		-0-	-0-	-0-	-0-	-0-
FEDERAL FUNDS						
OTHER						
TOTAL		-0-	-0-	-0-	-0-	-0-

POSITIONS :

FULL-TIME						
PART-TIME						
TEMPORARY						

ANALYSIS : Attach a separate page if necessary

No Fiscal Impact

Prepared by : Mike Vediner
 Division : Land and Water Management

Phone : 465-2400
 Date : April 14, 1986

Approved by Commissioner : *Wm S D Samuel, Deputy*
 Agency : Natural Resources

Date : April 14, 1986

Distribution (by Agency preparing fiscal note):

- Legislative Finance
- Legislative Sponsor
- Requestor
- Office of Management and Budget
- Impacted Agency(ies)

MEMORANDUM

State of Alaska

TO: AS 38.35 File

DATE: 3/13/86

FILE NO:

TELEPHONE NO:

FROM: Frank G. Mielke ^{FGM}
Division of Land & Water Mgmt.

SUBJECT: Materials, Major 38.35 lessees

Attached are a report on material used by Alyeska Pipeline Service Co., a lessee of state land under AS 38.35. as well as sample maps showing material sites, and a letter outlining some problems with the exostomg 25,000 cubic yard limit.

The Operations Material Site Accounting Report, under the column "Total Contract Quantity", indicates numerous sales in excess of 25,000 cubic yards. Such sales occurring on state land must be done through competitive bidding, The requirements of AS38.05.115 which require additional notice, advertising and quction expense and time, even though only one party, Alyeska, has ever bid on the materials sold in these cases.

In February and March of 1985, pipeline subsidence in the vicinity of Milepost 200 required 75,000 cubic yards of material to prevent severe environmental damage and flow disruption. The pipe had subsided to a dangerous point, and the time delays impesd by statute increased the danger.

The federal government has no such requirement for the sale of materials on federal land. As more of the land is conveyed to the State, the state requirements become more critical.

Alyeska pipeline

SERVICE COMPANY 1835 SOUTH BRAGAW STREET, ANCHORAGE, ALASKA 99512, TELEPHONE (907) 278 1611, TELEX 090 25 127

June 27, 1983

Letter No. 83-2098

State of Alaska
Department of Natural Resources
Division of Land and
Water Management
4420 Airport Way
Fairbanks, Alaska 99701

Attn: Jerry L. Brossia
District Manager

Re: ADL 408894
Operations Material Site 53-2

Gentlemen:

Alyeska Pipeline Service Company, Agent for the Lessees of the Trans Alaska Pipeline System, entered into negotiated Material Sale Contract ADL 403564 for 25,000 cubic yards of gravel on August 31, 1981, 25,000 cubic yards being the maximum quantity allowable under a negotiated sale to a single purchaser in any twelve-month period.

In August 1982 Alyeska's field personnel reported that the 25,000 cubic yards purchased under ADL 403564 would be insufficient to complete the pipeline workpad repair project between the Salcha River and Shaw Creek, and they estimated that an additional 9,000 cubic yards would be required. This amount was requested under a non-advertised negotiated sale, and Material Sale Contract ADL 408894 for 9,000 cubic yards was issued September 15, 1982, leaving 16,000 cubic yards available for negotiated sale to Alyeska during the twelve-month period from September 15, 1982 to September 15, 1983.

As the workpad repair project neared completion in the fall of 1982, it appeared evident that the 9,000 cubic yards would not be sufficient to complete the job. Due to the relatively short construction "window" in this area and the high mobilization costs, it was decided to finish the repair project and then make a final accounting of material used. At that time it was estimated no more than an additional 16,000 cubic yards would be required. This decision was supported by the State Pipeline Coordinator's office.

Final survey cross sections of the material site indicate that 47,391 cubic yards were removed and used in the workpad repair project. An additional 5,940 cubic yards remain stockpiled in the material site, giving a grand total of 53,331 cubic yards mined. When these figures were received and discussed with the State Pipeline Coordinator's representative, it was decided to take the following steps to "balance the books:"

Letter No. 83-2098

June 27, 1983

Page Two

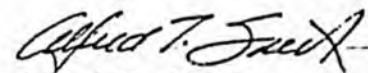
1. Submit a final accounting voucher for ADL 403564 indicating that the entire contract quantity (25,000 c.y.) had been mined, include the necessary payment, and request close-out of the contract.
2. Upon receipt of notification that ADL 403564 had been closed out, file a request to amend ADL 408894 by increasing the contract quantity to 25,000 cubic yards, the maximum allowable under a non-advertised negotiated sale.
3. After approval of the contract amendment was received, submit a final accounting voucher reporting a total of 28,331 cubic yards ultimately removed under ADL 408894. The 3,331 cubic yard overrun would be accepted as a reasonable margin of error in field quantity accounting. Payment for the 28,331 cubic yards would be made at the contract unit price and the contract closed out.

The final accounting voucher for ADL 403564, including the required payment, was submitted to your office in January 1983; however, despite repeated follow-ups by our office and the State Pipeline Coordinator's office, formal notification of close-out of ADL 403564 has not been forthcoming. Because of the requirement to submit an accounting voucher for ADL 408894 by June 30, we have now run out of time for processing an amendment to the contract and are therefore proceeding directly from Step 1 to Step 3 as outlined above.

Accordingly, transmitted herewith is a final accounting voucher for ADL 408894 indicating a total of 28,331 cubic yards mined, along with a check in the amount of \$13,265.50 which represents the total amount mined at the contract unit price of \$0.50, less the \$900.00 initial deposit. Please advise if further will be required from Alyeska in this matter.

Very truly yours,

ALYESKA PIPELINE SERVICE COMPANY


Alfred T. Smith
Associate General Counsel

ATS:RGB:sks

cc: Bruce Stafford ✓

OPERATIONS MATERIAL SITE ACCOUNTING REPORT

Report Date: 1/20/86
Page 1 of 6

ONS	JURISDICTION	SERIAL NUMBER	CONTRACT EXPIRATION DATE	UNIT PRICE	TOTAL CONTRACT QUANTITY	QUANTITY PAID FOR TO DATE (FED)	QUANTITY MINED TO DATE	REMARKS
3-1.1	State	ADL-202838	08-31-90	\$0.50	11,000			
3-2	State	ADL-202839	08-31-90	0.65	22,000			
5-2	S	ADL-202840	08-31-90	0.50	22,000			
7-1M	S	ADL-202841	08-31-90	0.50	22,000		9,000	
7-2M	S	ADL-202842	08-31-90	0.50	5,500			
9-3.1	Federal	AA-37877	01-29-86	0.55	5,500	5,500		
9-3.7	Federal	AA-47886	05-18-84	0.55	10,000	10,000	1,500	Paid - Expired
9-4P	F	AA-37878	01-29-86	0.55	22,000	22,000		
13-3.1	F	AA-37879	01-29-86	0.55	21,000	21,000	16,815	
14-0	F	AA-37880	01-29-86	0.55	22,000	22,000		
14-1.1	F	AA-37881	01-29-85	0.55	22,000	22,000		Paid - Expired
15-1R	F	AA-37882	01-29-85	0.55	11,000	11,000	2,500	Paid - Expired
16-3M	F	AA-37883	01-29-85	0.55	22,000	22,000		Paid - Expired
19-2.1	S	ADL-202843	08-31-85	0.90	11,000			Expired - Applied to U of A for new contract
20-1	private	N/A	09-28-88	0.75	2,000		740	Ahtna, Inc.
22-1	private	N/A	05-18-89	0.80	3,000			Ahtna, Inc.

OPERATIONS MATERIAL SITE ACCOUNTING REPORT

Report Date: 1/20/86
Page 2 of 6

ONS	JURISDICTION	SERIAL NUMBER	CONTRACT EXPIRATION DATE	UNIT PRICE	TOTAL CONTRACT QUANTITY	QUANTITY PAID FOR TO DATE (FED)	QUANTITY MINED TO DATE	REMARKS
24-1	P	N/A	06-10-87	0.55	5,000		4,300	Altna, Inc.
27-3N	F	AA-37884	01-29-86	0.55	22,000	22,000		
30-0	F	AA-37885	01-29-86	0.55	30,000	30,000	25,670	
30-3N	F	AA-37886	01-29-85	0.55	11,000	11,000		Paid - Expired
32-0.0	F	AA-37887	01-29-86	0.55	22,000	22,000		
33-1.1	S	ADL-202844	08-31-85	0.50	8,250			Terminated
35-1.2	S	ADL-202845	08-31-90	0.55	11,000			
35-2	F	AA-37888	01-29-85	0.55	22,000	22,000		Paid - Expired
37-0	F	AA-37889	01-29-86	0.55	49,500	49,500	4,950	
38-1R	F	F-60946	01-29-86	0.55	22,000	22,000		
38-2	F	F-60947	01-29-85	0.55	22,000	22,000		Paid - Expired
39-1.1	F	F-60948	01-29-86	0.55	82,000	82,000	12,387	
39-4	F	F-60949	01-29-86	0.55	11,000	11,000		
41-1R	S	ADL-403913	12-31-90	0.35	11,000		770	
42-3N	F	F-60950	01-29-86	0.55	11,000	11,000	3,630	
44-1R	F	F-60951	01-29-86	0.55	41,000	41,000	13,580	
49-3	S	ADL-402446	12-31-90	0.35	50,000		16,890	
53-2	S	ADL-408894	09-15-83	0.50		53,331	53,331	

OPERATIONS MATERIAL SITE ACCOUNTING REPORT

Report Date: 1/20/86
Page 3 of 6

OMS	JURISDICTION	SERIAL NUMBER	CONTRACT EXPIRATION DATE	UNIT PRICE	TOTAL CONTRACT QUANTITY	QUANTITY PAID FOR TO DATE (FED)	QUANTITY MINED TO DATE	REMARKS
55-1	S	ADL-403918	12-31-90	0.35	33,000		16,995	
57-2	P	N/A	01-03-89	0.25	15,000		130	Casperson
63-1	S	ADL-403919	12-31-90	0.35	33,000			
64-2	F	F-60952	01-29-86	0.55	27,500	27,500	2,750	
64-1H	F	F-80459	09-01-84	0.55	7,000	7,000	6,900	
66-1R	F (S)	F-60953	01-29-86	0.55	11,000	11,000		
68-1	F (S)	F-60954	01-29-86	0.55	82,500	82,500	7,393	
68-4	F (S)	F-60955	01-29-86	0.55	11,000	11,000	3,300	
69-1R	F (S)	F-60956	01-29-86	0.55	11,000	11,000	3,200	
70-0.1	F (S)	F-60957	01-29-85	0.55	16,500	16,500		Paid - Expired
71-0	F (S)	F-60958	01-29-86	0.55	11,000	11,000		
71-1HR	F (S)	F-60959	01-29-86	0.55	11,000	11,000	6,190	
72-2	F (S)	F-60960	01-29-85	0.55	27,500	27,500		Paid - Expired
73-1R	F (S)	F-60961	01-29-86	0.55	27,500	27,500	2,870	
74-2HR	F	F-60962	01-29-86	0.55	27,500	27,500		
75-1R	F (S)	F-60963	01-29-86	0.55	22,000	22,000		
76-2.1	F (S)	F-60964	01-29-86	0.55	33,000	33,000		

OPERATIONS MATERIAL SITE ACCOUNTING REPORT

Report Date: 1/20/06
Page 4 of 6

ONS	JURISDICTION	SERIAL NUMBER	CONTRACT EXPIRATION DATE	UNIT PRICE	TOTAL CONTRACT QUANTITY	QUANTITY PAID FOR TO DATE (FED)	QUANTITY MINED TO DATE	REMARKS
78-1	F	F-60965	01-29-86	0.55	11,000	11,000	9,362	
79-2	F	F-60966	01-29-86	0.55	22,000	22,000	19,307	
82-0	F	F-60967	01-29-86	0.55	16,500	16,500	2,120	
83-1	F	F-60968	01-29-86	0.55	16,500	16,500	2,953	
83-2	F	F-60969	01-29-86	0.55	11,000	11,000	10,270	
86-2	F	F-60970	01-29-86	0.55	22,000	22,000	20,230	
88-3	F	F-60971	01-29-86	0.55	11,000	11,600	11,569	
89-3	F	F-60972	01-29-86	0.55	11,000	11,000	11,000	
91-3.1	F	F-60973	01-29-86	0.55	16,500	16,500	13,290	
92-3.1	F	F-60974	01-29-86	0.55	109,500	109,500	60,763	
95-1.0	F	F-60975	01-29-86	0.55	11,000	11,000	5,754	
96-1	F	F-60976	01-29-86	0.55	11,000	11,000	7,998	
98-0.2	F	F-60977	01-29-85	0.55	16,500	16,500		Paid - Expired
98-3.1	F	F-60978	01-29-86	0.55	22,000	22,000	4,953	
100-1.2	F	F-60979	01-29-86	0.55	11,000	11,000	2,850	
100-2.1	F	F-60980	01-29-86	0.55	33,000	33,000		
102-1	F	F-60981	01-29-86	0.55	88,000	88,000	2,410	

OPERATIONS MATERIAL SITE ACCOUNTING REPORT

Report Date: 1/20/86
Page 5 of 6

OMS	JURISDICTION	SERIAL NUMBER	CONTRACT EXPIRATION DATE	UNIT PRICE	TOTAL CONTRACT QUANTITY	QUANTITY PAID FOR TO DATE (FED)	QUANTITY MINED TO DATE	REMARKS
105-1	F	F-60982	01-29-86	0.55	11,000	11,000	3,860	
105-1.1	F	F-84579	12-24-86	0.60	60,000	60,000	15,840	
106-1	F	F-84709	03-20-88	0.60	50,000	50,000	50,090	
106-1.1	F	F-60983	01-29-85	0.55	25,000	25,000	21,486	Paid - Expired
107-2	F	F-60984	01-29-85	0.55	11,000	11,000	600	Paid - Expired
109-4	F	F-60985	01-29-85	0.55	20,000	20,000	10,580	Paid - Expired
111-2	F	F-60986	01-29-86	0.55	16,500	16,500		
112-3.1	F	F-60987	01-29-86	0.55	88,000	88,000		
114-1	F	F-60988	01-29-85	0.55	11,000	11,000		Paid - Expired
115-1	F	F-60989	01-29-85	0.55	11,000	11,000		Paid - Expired
116-2	F	F-60990	01-29-85	0.55	11,000	11,000		Paid - Expired
117-2	F	F-60991	01-29-86	0.55	22,000	22,000	3,280	
119-4	F	F-60992	01-29-86	0.55	50,132	50,132	50,132	
120-1	F	F-60993	01-29-85	0.55	22,000	22,000		Paid - Expired
122-3A	F	F-84977	07-16-88	0.55	30,000	30,000	29,920	
122-4	F	F-60994	01-29-85	0.55	11,000	11,000		Paid - Expired
125-3	F	F-60995	01-29-85	0.55	22,000	22,000	12,075	Paid - Expired

OPERATIONS MATERIAL SITE ACCOUNTING REPORT

Report Date: 1/20/86
Page 6 of 6

OMS	JURISDICTION	SERIAL NUMBER	CONTRACT EXPIRATION DATE	UNIT PRICE	TOTAL CONTRACT QUANTITY	QUANTITY PAID FOR TO DATE (FED)	QUANTITY MINED TO DATE	REMARKS
125-4	F	F-60996	01-29-85	0.55	22,000	22,000		Paid - Expired
129-1A	S	ADL-407665	06-03-87	0.542 (.)	150,000		104,917	
129-2	S	ADL-403920	12-31-85	0.35	11,000			Will Not Mine
133-2A	S	ADL-411902	10-15-90	0.60	50,000			
134-3	S	ADL-403922	12-31-85	0.35	22,000		17,000	Will Not Mine

136

137

138

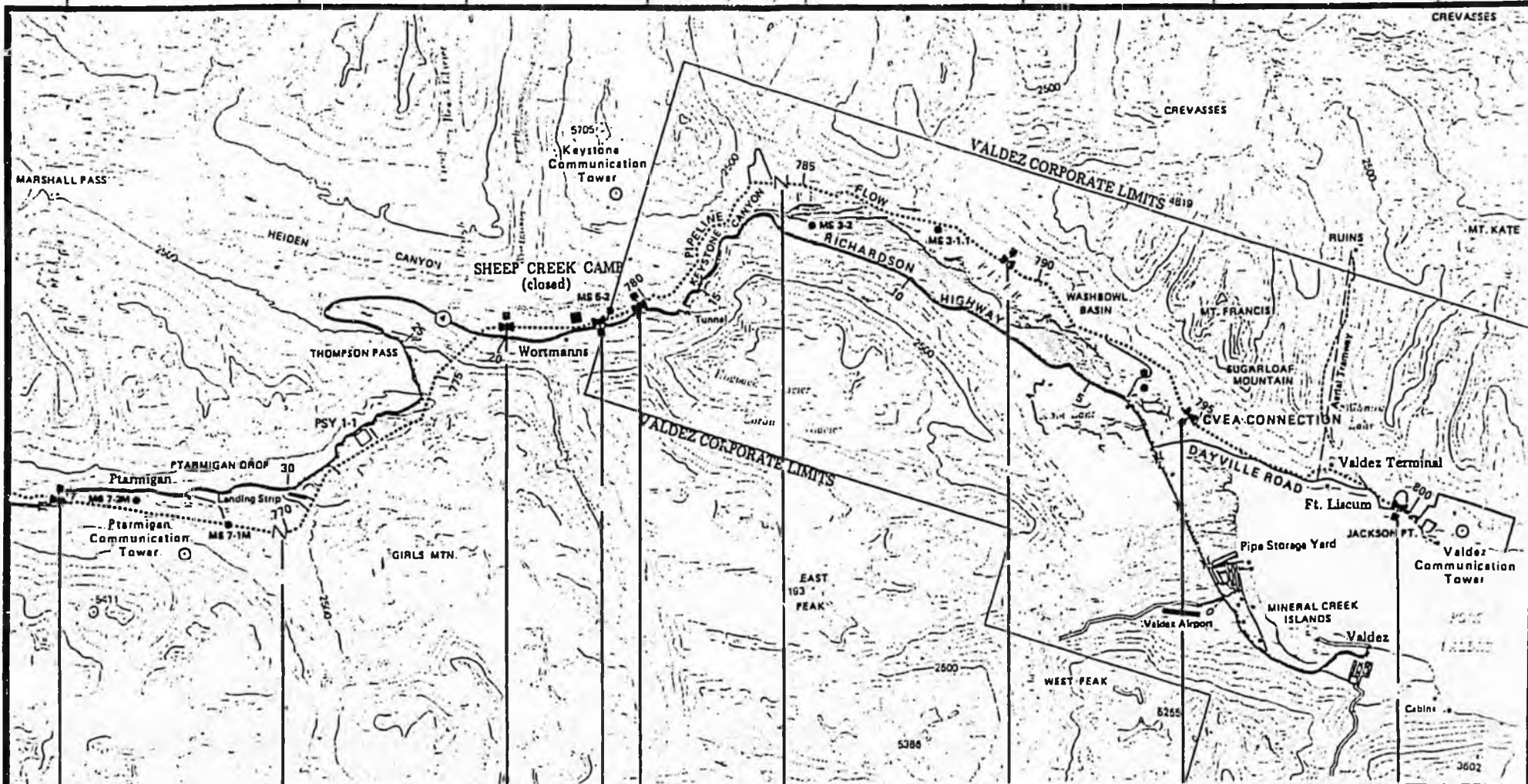
139

140

141

142

Pipeline Alignment Sheet No. 143



110
REMOTE VALVE
40401+88

120
CHECK VALVE
40866-88

121A
REMOTE VALVE
41117+37

121
REMOTE VALVE
41007+56

T84
REMOTE VALVE
42322+87

122
CHECK VALVE
41171+98

123
REMOTE VALVE
41400+46

124
REMOTE VALVE
41648+28

125
REMOTE VALVE
41922+87

Material Sales

Origin of grid shown is Copper River Meridian



61

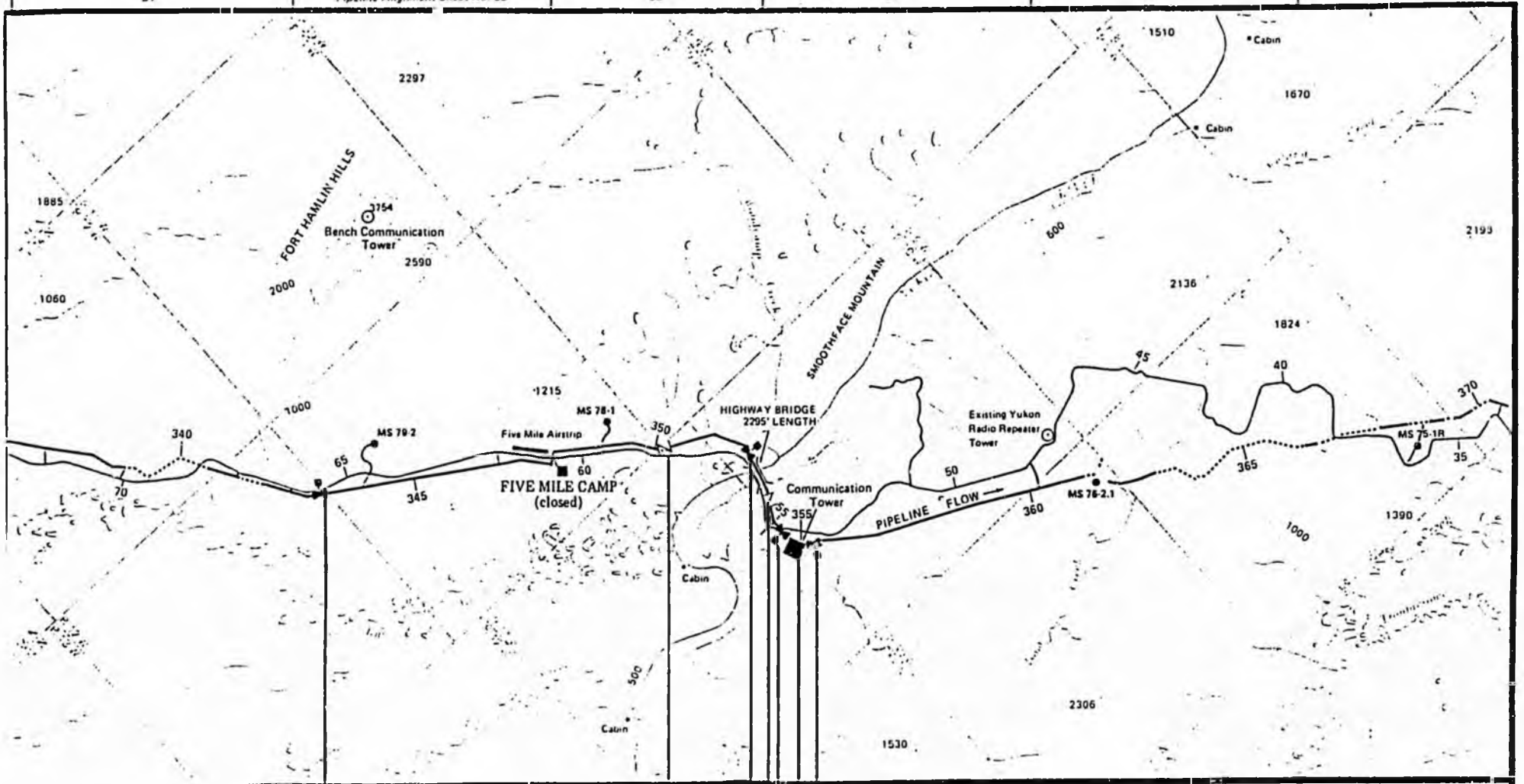
Pipeline Alignment Sheet No. 62

63

64

65

66



59
REMOTE VALVE
18110-64

59A
CHECK VALVE
18512-17

60
REMOTE VALVE
18117-16

60A
CHECK VALVE
18680-72

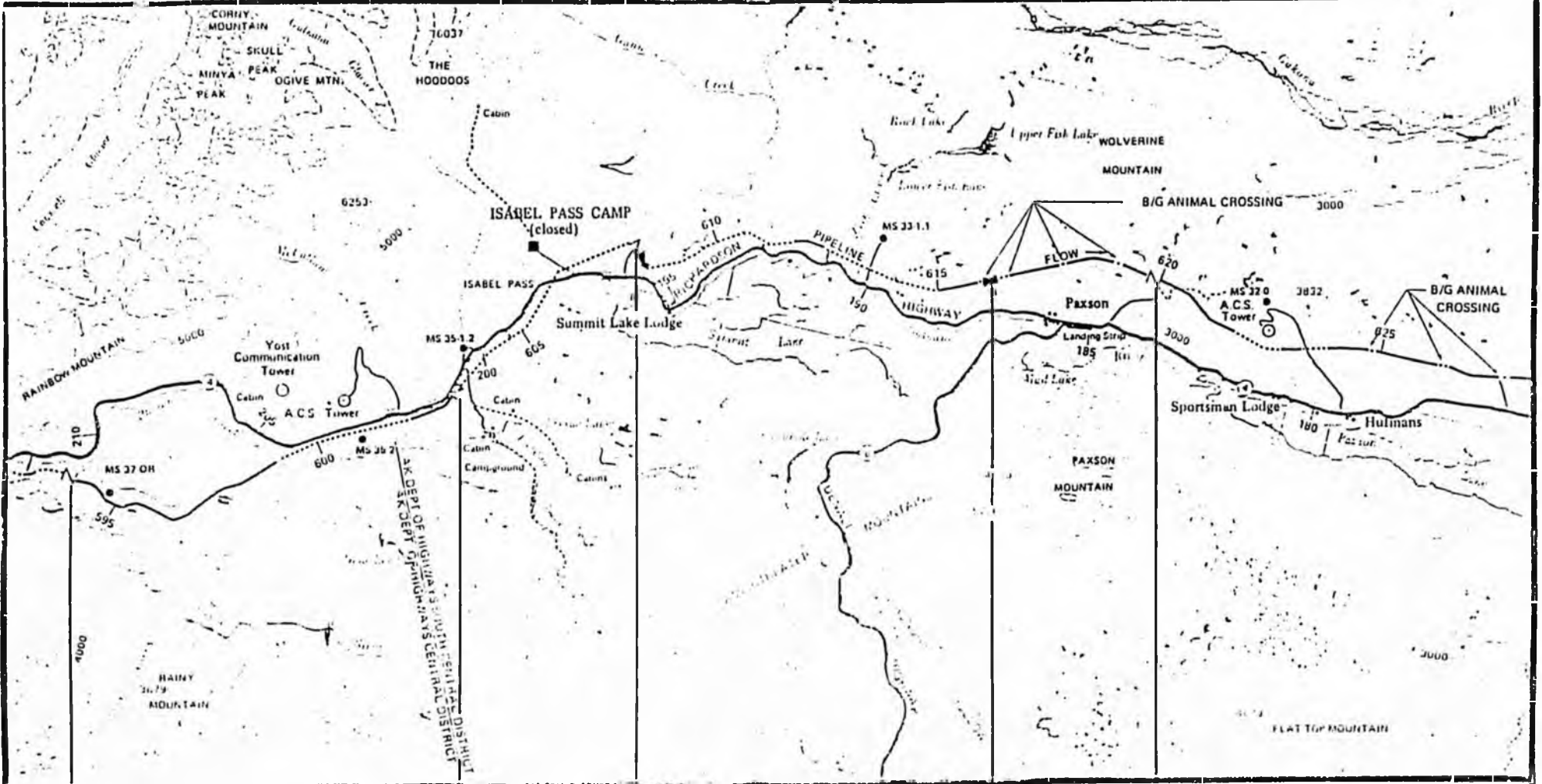
BL1
BL2

PUMP STATION 6
M.P. 355.0

Material 5 fcs

SCALE IN MILES





92 CHECK VALVE 31348-91

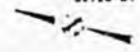
92 CHECK VALVE 31850-56

94 CHECK VALVE 32124-14
MANIFOLD VALVE 32124-14

95 PUMP VALVE 32929-48

95A CHECK VALVE 32728-84

Material Sites





RECORDS CERTIFICATION

I, the undersigned, an employee of the State of Alaska, do hereby certify that the microfilm images on this microform are accurate reproductions of the original records of the State of Alaska as accumulated during the regular course of business, and that it is the established policy and practice of this State to microfilm its records and to dispose of the original records after microfilm reproductions have been made.

James O. Smith
Signature of Camera Operator

11/24/89
Date

HCR

8

Alaska State Legislature

ARLISS STURGULEWSKI, Chairman
BETTYE FAHRENKAMP, Vice Chairman
JACK COGHILL
DICK ELIASON
VIC FISCHER
RICK HALFORD
FRED ZHAROFF



POUCH V
JUNEAU, ALASKA 99811
(907) 465-4907

Senate Committee on Resources

M E M O R A N D U M

March 20, 1986

TO: All Members
Senate Resources Committee

FROM: Staff *H*
Senate Resources Committee

RE: HCR 8 "An Act relating to a natural gas
pipeline"

HCR 8 requests that as an alternative to other energy proposals the Governor consider the long-term benefits to the state of a natural gas pipeline from the North Slope to Fairbanks.

HCR 8 passed the House on a vote of 34 yes to 3 no.

The fiscal note is zero.

Enclosures:

Fiscal note
Bill history
Memo from Rep. Shultz

STATE OF ALASKA 1986 LEGISLATIVE SESSION FISCAL NOTE

Revision Date : 2-4-86

REQUEST

Bill/Resolution No. : HCR 8
 Title : Relating to Natural Gas Pipeline
 Sponsor : Rep. Shultz
 Requestor : House Rules
 Date of Request : 2-4-86

FISCAL DETAIL

Agency Affected : Natural Resources
 BRU : Petroleum Management
 Components : _____

EXPENDITURES/REVENUES : (Thousands of Dollars)

OPERATING	FY 86	FY 87	FY 88	FY 89	FY 90	FY 91
PERSONAL SERVICES						
TRAVEL						
CONTRACTUAL						
SUPPLIES						
EQUIPMENT						
LAND & STRUCTURES						
GRANTS, CLAIMS						
MISCELLANEOUS						
TOTAL OPERATING	-0-	-0-	-0-	-0-	-0-	-0-

CAPITAL						
---------	--	--	--	--	--	--

REVENUE						
---------	--	--	--	--	--	--

FUNDING : (Thousands of Dollars)

GENERAL FUND						
FEDERAL FUNDS						
OTHER						
TOTAL	-0-	-0-	-0-	-0-	-0-	-0-

POSITIONS :

FULL-TIME						
PART-TIME						
TEMPORARY						

ANALYSIS : Attach a separate page if necessary

Prepared by : Carol Wilson *Ramy* Phone : 465-2400
 Division : Commissioner's Office Date : 2-4-86

Approved by Commissioner : Ned Fyler Date : _____
 Agency : Natural Resources

Distribution (by Agency preparing fiscal note):

- Legislative Finance
- Legislative Sponsor
- Requestor
- Office of Management and Budget
- Impacted Agency(ies)

CSHCR 8 OIL & GAS
RELATING TO A NATURAL GAS PIPELINE.

PRIME SPONSOR: SHULTZ
CO-SPONSORS: BOUCHER

CURRENT STATUS: (S) RES

DATE		PAGE	ACTION
02/13/85	(H)	340	READ THE FIRST TIME - REFERRAL(S)
03/08/85	(H)	541	O&G RPT CS 1DP 4NR
03/20/85	(H)	637	RES RPT CS(O&G) 7DP 2NR
02/04/86	(H)		RULES TO CALENDAR 2/3/86
02/05/86	(H)	1986	READ THE SECOND TIME
02/05/86	(H)	1987	ZERO FISCAL NOTE
02/05/86	(H)	1987	O&G CS ADOPTED UNAN CONSENT
02/05/86	(H)	1987	PASSED Y34 N3 X1 A2
02/05/86	(H)	1989	TRANSMITTED TO (S)
02/06/86	(S)		READ THE FIRST TIME - REFERRAL(S)

HCR 8

MEASURE HISTORY

PAGE 02 OF 02

DATE	PAGE	ACTION
		RESOURCES
		RULES



Alaska State Legislature

HOUSE OF REPRESENTATIVES
COMMITTEE ON RESOURCES

POUCH V
JUNEAU, ALASKA 99811
(907) 465-3715

HCR 8 SUMMARY

TO: Members of House Resources Committee
FROM: Rep. Dick Shultz / Co-Chairman
DATE: March 20, 1985
RE: House Concurrent Resolution #8

The purpose of this resolution is twofold.

The first and most obvious purpose is to encourage the Governor to pursue a more active course in bringing natural gas to Fairbanks and the Interior with an eye toward eventual completion of a line to tidewater.

The second purpose is to stimulate members of the Legislature and the Governor to consider a new approach in developing our non-renewable resources, and bringing the benefits to Alaskan residents on a more direct basis.

It seems that whenever we, in the legislature, discuss the highest and best use of our gas reserves the idea of getting the highest price possible dominates the conversation. That being the goal, Pacific Rim markets and the various "economic windows of opportunity" are considered to be the key elements in developing our gas reserves. The one "Catch 22" that continues to impede our progress is the time frame and costs involved in building the pipeline, and risks involved in committing the necessary money to start a project that if delayed may miss a "market window" critical to the payback.

I encourage members to take the time to review the Booze, Allen, Hamilton 1983 Summary Report on Gasline Alternatives. Within that document there are possibilities for building a gas line that may have been overlooked. I believe that it will become clear after careful review that it is not absolutely necessary to build a pipeline from the North Slope to tidewater initially.

We need to also consider the multiple benefits of using our gas in state to the greatest degree possible and factor all the socio-economic effects into a complete model before deciding what constitutes highest and best use. I

base that suggestion on the premise that the number of dollars coming into state government on a per capita basis greatly exceeds the returns in benefits received by the average Alaskan resident via the present system of wealth dispersal. Consider for instance that gas to heat ones home may be more beneficial to an interior resident than a new reservoir in devils canyon on which to sail his dinghy.

This new approach may not be a popular with those in government who prefer to exercise control of the distribution of our state's resources wealth. I would ask that we consider the arguement that residents of the state could more efficiently benefit from gas heat in their homes, from low cost long term electrical generation for their communities, and hundreds of permanent jobs than from dollars in the general fund. It may simply be a matter of where we want to stimulate growth as a result of gasline development; in government as it absorbs dollars in an effort to provide benefits or within our Alaskan communities.

Gas to our local communities would provide stimulation to the private sector as low cost energy is distributed from a gas fired electrical generation source in Fairbanks along the Intertie and through other future power networks to outlying areas. The Booze, Allen, Hamilton report also suggests the production of methanol in the Fairbanks area with transportation to tide water being provided via the Alaska Railroad as a source of additional economic stimulation.

As markets develop on the Pacific Rim, demands in the short term could possibly be handled by rail transported gas while the rest of the gas line to tidewater is completed. Another advantage is that the critical problem of construction time vs. the proper Pacific Rim "economic window" is easier to solve with half the gasline already constructed. The economic logic suggested by Susitna proponents to build half of that project can be applied to an intra-state pipeline as well.

There is one critical question, which in light of the economic projections we are receiving should not be ignored. Will we as a state be able to afford the support necessary for a gasline in the future if we continue to commit our revenue to mega-energy projects such as Susitna? The other key question is what will the Susitna project provide that the gasline wouldn't also provide? The fact is that the gasline spin offs in terms of permanent jobs and a stable growing interior economy far exceeds those available as a result of Susitna. Finally we need not be reminded that it appears the Federal Government may be reluctant to provide the necessary FERC licensing to eventually build the Susitna project.

Prioritizing our resource development dollars will be the most difficult task that we and future legislators face over the next few decades. I believe that diversified economic projects may be found to be in many instances cost prohibitive when the plan dictates that resources be converted to dollars which in turn are filtered through the government digestive system. The bottom line is that what goes in rarely resembles what comes out in either quantity or quality.

Lets take the time to look at a wider variety of solution as we make our resource development decisions on behalf of our constituents. I have faith

in Alaska's economic potential, not because we have a multitude of raw resources to develop, but because we have people with ambition, pride, and skill who could give government a lesson when it comes to making things happen. It may, heaven forbid, be necessary to change state policy on some of these issues to give our people the chance to more directly benefit from our resources, and if that's what it takes, then let's get after it.

I urge your support on this resolution and offer it as an opportunity to explore a new direction as we consider policy decisions affecting development of our resources for the maximum benefit of our citizens.