COMMITTEE REPORT

SENATE

FURTHER:

3/4/83

Date: 4/11/84

Mr. President:

The Committee on FINANCE has had SB 15

Supplemental appropriation to the Department of Environmental Conservation; eff. date

under consideration and (a majority of the committee) (the committee) reports it back with the following recommendations:

[ ] do pass [ ] do not pass

[ ] do pass with attached amendments(s)

[ ] same title
[ ] new title

[ ] replace with CS for SB 15 (2d Fin)

and recommends Do Pass

[ ] AND attaches a "Letter of Intent" [ ] New Fiscal Note

[ ] reports it back without recommendation

[ ] referred to the _____ Committee

MEMBERS SIGNING
DO PASS

MEMBERS HAVING
OTHER RECOMMENDATIONS:

Chairman

S 60 (Rev. 12/78)

Funding Information	
General Fund	$50,000
Other Funds	-0-
	$50,000

IN THE SENATE BY THE FINANCE COMMITTEE

CS FOR SENATE BILL NO. 15 (2d Finance)

IN THE LEGISLATURE OF THE STATE OF ALASKA

THIRTEENTH LEGISLATURE - SECOND SESSION

A BILL

For an Act entitled: "An Act making a special appropriation for payment as a grant to the City of Fort Yukon for upgrading the community center; and providing for an effective date."

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

* Section 1. The sum of $50,000 is appropriated from the general fund for payment as a grant to the City of Fort Yukon for upgrading the health and safety standards of the community center as required by the Department of Environmental Conservation.

* Sec. 2. The appropriation made by this Act shall be disbursed in accordance with AS 37.05.315.

* Sec. 3. This Act takes effect immediately in accordance with AS 01.-10.070(c).

Delivered to Legal Services 4/4/84 4:30pm -

Introduced: 1/18/83
Referred: Community and Regional Affairs and Finance

Funding Information
General Fund ~~$28,000,000~~ $50,000
Other Funds -0-
~~$28,000,000~~ $50,000

Finance Committee
BY ~~GILMAN, STURGULEWSKI AND P.FISCHER~~

IN THE SENATE

CSfW SENATE BILL NO. 15 (2d Finance)

IN THE LEGISLATURE OF THE STATE OF ALASKA

THIRTEENTH LEGISLATURE - FIRST SESSION

A BILL

For an Act entitled: "An Act making a ~~supplemental appropriation~~ special appropriation for payment as a grant to the City of Fort Yukon ~~Department of Environmental Conservation;~~ and providing for an effective date."

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

Insert ~~* Section 1. The sum of $28,000,000 is appropriated from the general fund to the Department of Environmental Conservation for grants for water and sewer facility construction authorized by AS 46.03.030.~~

* Sec. 2. This Act takes effect immediately in accordance with AS 01.-10.070(c).

Sec. 1 (Insert)

The sum of $50,000 is appropriated from the general fund for payment as a grant to the City of Fort Yukon for health and safety standards upgrading of the Community Center as required by the Department of Environmental Conservation.

CITY OF FORT YUKON

INCORPORATED 1959

Post Office Box 269
Fort Yukon, Alaska 99740
Telephone (907) 662-2479 or 2379

March 29, 1984

Senator John C. Sackett
Pouch V
Juneau, Alaska 99811

Dear Senator Sackett,

Due to a limited budget, the City of Fort Yukon has not been able to properly maintain the Community Center.

The Community Center consists of a laundry mat an elderly program office, a meeting room, a gymnasium, men and woman bathrooms with showers, lockers ect. and a weight room which will soon be changed into an office.

Enclosed is a State of Alaska Inspection Sheet which was taken on March 19, 1984. The violations must be corrected immediately or the building will have to be closed.

The Community Center which is used by the entire community, for laundry, showers, recreation, entertainment, and the School also uses the Gym for some of their classes. The Center is the only building in the community which is open to the public for the above purposes. Without this facility there would be no place to take showers, do laundry or have basketball games or any other kind of entertainment or recreation.

For these reasons the Community Center is very important to the community. Therefore the City would like to correct the violations as soon as possible unfortunately the City does not have the funds to do so.

Also enclosed is a list of materials and prices which have to be purchased in order to make the necessary repairs.

The City of Fort Yukon is requesting if possible, funds to help purchase material to correct the attached violations. Any help would be greatly appreciated, thank you.

Sincerely,
Inc. City of Fort Yukon

Vera B James

VERA B. JAMES
CITY MANAGER

Enclosures: Inspection Sheet
List of Materials

STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

1/2 PGS

PUBLIC TOILET, SHOWER OR LAUNDROMAT INSPECTION

740.28.001

Item	Sanitation Requirement
	MINIMUM PLUMBING FACILITIES - RESTAURANTS & TAVERNS N/A
1.	Minimum fixtures per seating capacity
	SPECIAL EVENTS N/A
2.	Facilities as required and pre-approved by the department
	TOILET ROOMS FLS - not cln ♂ URINAL - leaks; ♂ COMMODE - cracked & leak - flushometer leaks
(3)	Toilet paper provided, rooms clean
(4)	Toilets installed, connected as required,
5.	Privies designed, constructed, located as required
(6)	Floors, walls, intersections constructed as required ♂ - vic urinal NO C. molding
7.	Partitions designed, installed as required
8.	Self-closing doors, entrance located as required
9.	Ventilation provided, lighting as required
10.	Easily cleanable refuse receptacles
11.	Locks/key available as stated
	HAND WASH SINKS
(12)	Installed, located as required; clean LAVS - 1, cracked, not clean
13.	Equipped with hot/cold running water where practical
14.	Storage tank for wash water provided if running water not available
(15)	Temperature of hot water 100-120° F 130°F
(16)	Disposable single service towels/hot air dryer provided as required
17.	Soap provided as required
	PUBLIC SHOWERS
18.	Constructed as required
(19)	Floors: designed, constructed as required FLS - seal so s,ec
(20)	Showers/drying areas vented as required NO VENTILATION
(21)	Showers/drying areas maintained as required CEILING - not s,ec; STALLS - not s,ec; BENCHES - not s,ec; SHOWER HDS - leak
22.	Towels, if provided, laundered, stored properly
(23)	Water temperature is 100-120° F 130°F
	PUBLIC LAUNDROMATS
(24)	Walls, ceilings, floors, countertops, equipment clean; cleanable 1 F. TABLE - not sm-oth, cleanable CEILING - damaged vic dryer vent flue; WALL - behind util sink not s,ec
25.	Refuse containers provided, clean
	BUILDING CONSTRUCTION AND MAINTENANCE LIBRARY AND HALLWAY - damaged tiles
(26)	Floors; constructed, nonabsorbent, easily cleanable
27.	Intersections between walls and floors sealed or coved GYM - wall panels (m) light shields
28.	Ventilation provided as required
(29)	Premises clean, good repair and free of pest attractants WT RM - walls damaged, ceiling panels (m); broken window, floors not clean
30.	Grounds around facility well drained, free of litter
	WATER SUPPLY, WASTE WATER AND SOLID WASTE DISPOSAL
31.	Water supply complies with 18 AAC 80
32.	Plumbing complies with Alaska Plumbing Code
33.	Solid waste complies with 18 AAC 60
34.	Incinerator complies with 18 AAC 50
35.	Wastewater disposal complies with 18 AAC 72

4 FACILITIES WERE NOT INSPECTED DUE TO USE DURING INSP PERIOD. TNP

	POSTING REGULATIONS AND INSPECTION REPORTS
36.	Copy of the regulations and most recent inspection conspicuously posted.

NOTE: MOST OF THESE VIOLATIONS ARE REPEAT VIOLATIONS NOTED DURING THE PREVIOUS INSPECTION 5/12/83.

Name of Establishment: FT YUKON COMMUNITY CENTER
Name of Operator: HANNAH SOLOMON, DIRECTOR
Location: FT YUKON
Mailing Address: P.O. BOX 269
City, State and Zip Code: FT YUKON, AK 99740

Reg./Dist.	Community	Establishment	Sanitarian
3,1	7,4,0	2,8,0,1	2,2,0

Yr., Mo., Day of Inspection: 8,4,0,3,1,9
Follow-up Required: ☐ No ☑ Yes In ____ Days

Based on an inspection this day, the items marked at left identify violations in operations or facilities which must be corrected by the next routine inspection or such shorter time as may be specified in writing. (18 AAC 30)

Please Note:

(3) Toilet room floors were not clean. (4) Men's toilet urinal leaked, 1 commode bowl was cracked and leaked & 1 commode flushometer valve leaked. (6) Coved molding was missing from wall vicinity urinal (12) Men's toilet room had 1 handwash sink that was cracked and 1 that was not clean. (15) and (23) Hot water temperature was 130°F - it must be adjusted to between 100-120°F. (16) Dispensed paper towels must be provided. (19) Toilet and shower room floors were not smooth, easily cleanable and must be resealed to be cleanable.

Overall Condition: ☐ Excellent ☐ Good ☐ Fair ☑ Poor
Continuation Sheet ☐

Received By: Hannah D. Solomon
Date:

Inspected By: MD Tibbs
Date: 3/19/84

18-0922 (Rev. 10/82)

Distribution: White - Sanitarian; Canary - Establishment Operator; Pink - Data Entry

CITY OF FORT YUKON

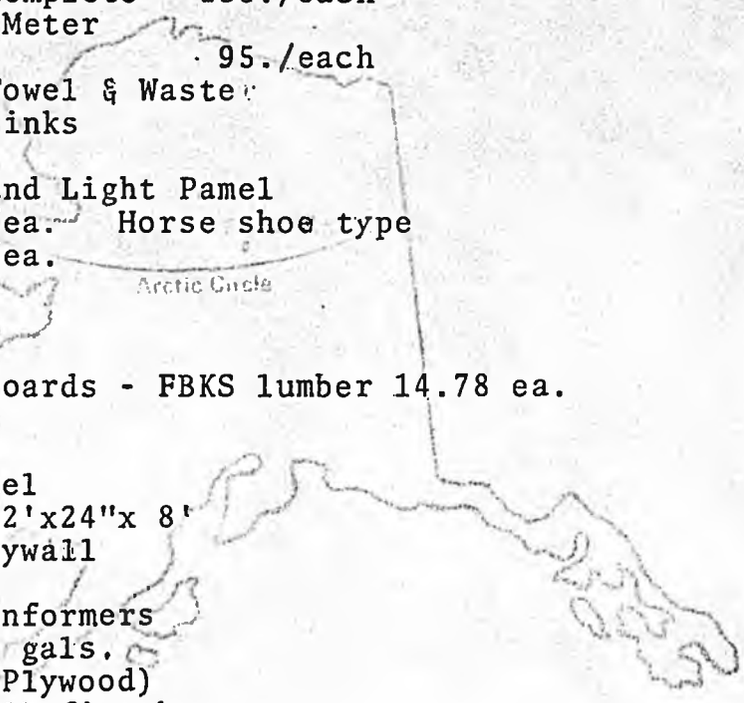
INCORPORATED 1959

Post Office Box 269

Fort Yukon, Alaska 99740

Telephone (907) 662-2479 or 2379

Floor Tile 9" and Paste
Front Foors - Repairs & Wax, Strip & Plexoglass
Bathroom Floors Mens Epoxy Filler
Paint Showers & Hew Pegs
Shower Heads 8
Rehang Mens Bathroom Ceiling
2 New toilet Stalls
2 New Wall Toilets Complete 250./each
1 Urnal Flush 0 Meter
3 sinks Mens 95./each
1 Wall unit Paper Towel & Waste
Girls Bathroom 2 sinks
Floor Flexoglass
Few Ceiling Pammel and Light Pamel
5 Toilet Seats 20./ea. Horse shoe type
5 Flush meter 120./ea.
Weight room
1 window repair
Ceiling panel
26 x 4x8¼ Regular Boards - FBKS lumber 14.78 ea.
Lumber Pon Bleachers
Bolts Pon Bleachers
7 (Post) Covers Vincel
2 foam pads (post) 2'x24"x 8'
3/4" Screws 10# Drywall
29 2x12x8'
8 Ceiling Lights Tranformers
Paint for walls 10 gals.
Repair wall panel (Plywood)
2 50' Sort Folding 1½ fire hose
Gym Floor
Labor
Roof Repair



Estimated Total $ 50,000.00

STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

INSPECTION CONTINUATION 740.28.001

Name	Date of Inspection
FT YUKON COMMUNITY CENTER	19 MAR 84
Type of Facility: WASHETERIA	Page 2 of 2

(20) Men's shower room is not adequately ventilated. (21) Men's shower room ceiling was not smooth, easily cleanable; shower stalls need to be repainted; benches must be repainted; some shower heads leaked; could not be turned off. Correct as necessary. Clean and sanitize showers, benches, toilets, urinals & handwash sinks daily. (24) One folding table in laundry room was not smooth, easily cleanable. The ceiling vicinity dryer vent flue was damaged. The wall behind the utility sink was not smooth, easily cleanable. Correct as necessary. (26) The facility hallway and library floors were damaged in areas. (29) The weight room walls were damaged in areas, ceiling was missing ceiling panels; floors were not clean; 1 window in weight room was broken. Repair as necessary.

CORRECTION SCHEDULE:

ITEMS 3, 4, 12, 15, 23, 16 & 21 (daily sanitizing) – CORRECT IMMEDIATELY

ITEMS 6, 19, 20, 21 (structural), 24, 26 & 29 – CORRECT WITHIN 60 DAYS.

– RESPOND IN WRITING TO THIS OFFICE REGARDING –
CORRECTION OF ALL VIOLATIONS.

WRITE TO: ADEC
POUCH 1601
FBKS, AK 99707

Received By	Date	Inspected By	Date
		ND Jibbs	3/19/84

18-925(2/82)

COMMITTEE REPORT

SENATE

FURTHER:

1/26/83

Date: 2/23/83

Mr. President:

The Committee on FINANCE has had SB NO. 15

Supplemental appropriation to the Department of Environmental Conservation; eff.date.

under consideration and (a majority of the committee) (the committee) reports it back with the following recommendations:

[ ] do pass [ ] do not pass

[ ] do pass with attached amendments(s)

[X] replace with CS for SB 15 (Finance) [ ] same title [ ] new title

and recommends do pass

[ ] AND attaches a "Letter of Intent" [ ] New Fiscal Note

[ ] reports it back without recommendation

[ ] referred to the _____ Committee

MEMBERS SIGNING
DO PASS

Bob Blankenship

MEMBERS HAVING
OTHER RECOMMENDATIONS:

Jan Ronnell
CHAIRMAN

S 60 (Rev. 12/78)

Original sponsors: Gilman, Sturgulewski and P.Fischer

Funding Information

General Fund	$87,986,500
Other Funds	-0-
	$87,986,500

IN THE SENATE BY THE FINANCE COMMITTEE

CS FOR SENATE BILL NO. 15 (Finance)

IN THE LEGISLATURE OF THE STATE OF ALASKA

THIRTEENTH LEGISLATURE - FIRST SESSION

A BILL

For an Act entitled: "An Act making a supplemental appropriation to the Department of Environmental Conservation for water and sewer grants; special appropriations to an unincorporated community and municipalities for water, sewer or solid waste grants, to the Department of Education for a water grant, and to the Department of Environmental Conservation for water and sewer studies; and providing for an effective date."

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

* Section 1. The sum of $28,000,000 is appropriated from the general fund to the Department of Environmental Conservation for payment as grants for water and sewer facility construction under AS 46.03.020 - 46.03.030 to the following communities: Anchorage, Aniak, Bristol Bay Borough, Cordova, Fairbanks, Haines, Homer, Houston, Hydaburg, Juneau, Kake, Kenai, Kenai Peninsula Borough, Ketchikan, Ketchikan Public Utilities, Nome, North Pole, Petersburg, Sand Point, Scammon Bay, Seward, Sitka, Soldotna, Upper Kalskag, Valdez, Wasilla, and Wrangell.

* Sec. 2. The sum of $838,000 is appropriated from the general fund to the unincorporated community of Igiugig for payment as a grant for water, sewer, and solid waste facility construction.

* Sec. 3. The sum of $57,898,500 is appropriated from the general fund to the following municipalities for payment as grants for water and sewer facility construction.

Municipality of Anchorage:

Eagle River/Chugiak water	$1,850,000
Point Woronzof wastewater plant	3,300,000
Port of Anchorage, AREA D & U.S.	1,000,000
Port of Anchorage, Lot 12B	4,800,000
Ship Creek water treatment plant	6,000,000
Solid waste landfill project	315,000
Akihiok:	
Sanitary landfill development	460,000
Bethel:	
Bethel sewer line extension	400,000
Bristol Bay Borough:	
South Naknek village well	87,000
Chevak:	
Watering points	848,000
Craig:	
Water and sewer Phase I completion	1,000,000
Dillingham:	
Airport Heights Subdivision water development	300,000
City of Fairbanks:	
Sewer drainage upgrade	960,000
Sludge disposal facility	850,000
Van Horn interceptor	360,000
Fairbanks North Star Borough:	
Ballaine Lake sewer service	700,000
Fort Yukon:	
Fort Yukon water and sewer system	3,700,000
Haines:	
Allen Road to Sawmill Road waterline	33,500

Hoonah:	
Water and sewer upgrade Phase I	3,600,000
Hydaburg:	
Water and sewer upgrade (additional to DEC $2.5 million)	2,500,000
Iliamna/Newhalen:	
Water development	340,000
City and Borough of Juneau:	
Juneau water system development	7,000,000
Kake:	
Fourth Avenue loop water and portage Cove extension	860,000
Kaktovik:	
Kaktovik grey water facility	450,000
Klawok:	
Water and sewer improvements	500,000
Kotzebue:	
Water and sewer expansion	1,100,000
Larsen Bay:	
Water and sewer	370,000
McGrath:	
Water delivery Phase I	1,150,000
Minto:	
Phase I water and sewer system	335,000
Mt. Village:	
Washeteria	700,000
Near Island:	
Water and sewer engineering	350,000
Nikolai:	

On site water and sewer system	400,000
Nome:	
Nome water, sewer, and utilidor system	1,000,000
Noorvik:	
Water and sewer expansion	600,000
Old Harbor:	
Sewer renovation	1,160,000
Palmer:	
Sewage plant expansion	2,370,000
Port Lions:	
Bayview Dr. sewer Phase I	132,000
Savoonga/Punik Island:	
Water and sewer	452,000
Seldovia:	
Water and sewer extension	506,000
Sitka:	
Blue Lake water source	3,000,000
Unalakleet:	
Water main extension	500,000
Wasilla:	
Wastewater facility	1,400,000
Septic treatment	160,000

* Sec. 4. The sum of $1,050,000 is appropriated from the general fund to the Department of Education for payment as grants for water facility construction authorized and disbursed under AS 14.11 to the following school districts:

Bering Straits School District:	
Water projects (Teller, Brevig Mission, Golovin, and Shishmaref)	1,000,000

Northwest Arctic School District:

Water main hookup 50,000

* Sec. 5. The sum of $200,000 is appropriated from the general fund to the Department of Environmental Conservation for water and sewer feasibility studies in Anvik, Eek, Nulato, Telida, and Platinum authorized under AS 46.03.020.

* Sec. 6. The appropriations made under secs. 2 and 3 of this Act shall be disbursed in accordance with AS 37.05.315 - 37.05.319.

* Sec. 7. This Act takes effect immediately in accordance with AS 01.-10.070(c).

Introduced: 1/18/83
Referred: Community and Regional Affairs and Finance

Funding Information
General Fund ~~$28,000,000~~ 86,476.3
Other Funds -0-
~~$28,000,000~~ 86,476.3

Finance Committee
~~BY GILMAN, STURGULEWSKI AND P.FISCHER~~

IN THE SENATE

CS for SENATE BILL NO. 15 (Finance)

IN THE LEGISLATURE OF THE STATE OF ALASKA

THIRTEENTH LEGISLATURE - FIRST SESSION

A BILL

For an Act entitled: "~~An Act making a supplemental appropriation to the Department of Environmental Conservation; and providing for an effective date.~~"

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

~~* Section 1. The sum of $28,000,000 is appropriated from the general fund to the Department of Environmental Conservation for grants for water and sewer facility construction authorized by AS 46.03.030.~~

* Sec. 6. This Act takes effect immediately in accordance with AS 01.10.070(c).

TITLE

Draft new title to reflect appropriations for water and sewer projects to Dept. of Environmental Conservation and Dept. of Education

SECTIONS 1 through 5

Sections 1 through 5 are set forth in 2/23/83 memo from Sen. Vic Fischer to Senate Finance Committee Members.

Memorandum

2/23/83

TO: Senate Finance Committee Members

FROM: Senator Vic Fischer

RE: Proposed CSSB 15 (Fin) - water & sewer projects

COMPONENTS OF PROPOSED COMMITTEE SUBSTITUTE: (Total funding ~~86,316.3~~ 86,476.3)

Sec 1. DEC Matching Grants (AS 43.03.030):

$28 million for the following communities:

Anchorage, Aniak, Bristol Bay Borough, Cordova, Fairbanks, Haines, Homer, Houston, Hydaburg, Juneau, Kake, Kenai, Peninsula Borough, Ketchikan, Ketchikan Public Utilities, Nome, North Pole, Petersburg, Sand Point, Scammon Bay, Seward, Sitka, Soldotna, Upper Kalskag, Valdez, Wasilla, Wrangell

Sec 2. Village Safe Water Program (AS 46.07) projects:

$2.3 million for the following communities:

Igiugig Village:	
Water, sewer, and solid waste	838.0
Iliamna/Newhalen:	
Water development	340.0
Minto:	

Phase I water & sewer system	335.0	
Mountain Village:		
Washeteria	700.0	
South Naknek:		
Village Well	87.0	

Sec 3. Municipal water & sewer grants (AS 37.05.315):

$54.766 Million for the following communities:

Municipality of Anchorage:		
Eagle River/Chugiak water	1,850.0	(50% grant)
Point Woronzof wastewater plant	3,300.0	(50% grant)
Port of Anchorage, AREA D & U.S.	1,000.0	
Port of Anchorage, Lot 12B	4,800.0	
Ship Creek water treatment plant	6,000.0	(50% grant)
Solid waste landfill project	315.0	
Akihiok:		
Sanitary landfill development	460.0	
Bethel:		
Bethel sewer line extension	400.0	
Chevak:		
watering points	848.0	
Craig:		
Water & sewer Phase I completion	1,000.0	
Dillingham:		
Airport Heights Subdivision Water Dev.	300.0	
City of Fairbanks:		

Sewer drainage upgrade	960.0
Sludge disposal facility	850.0
Van Horn interceptor	360.0
Fairbanks North Star Borough:	
Ballaine Lake sewer service	700.0
Fort Yukon:	
Ft. Yukon water & sewer system	3,700.0
Haines:	
Allen road to Sawmill Rd. water line	33.5
Hoonah:	
Water & sewer upgrade phase I	3,600.0
Hydaburg:	
Water & sewer upgrade (add'l to DEC $2.5m)	2,500.0
City and Borough of Juneau:	
Juneau water system development	7,000.0
Kake:	
4th Ave. loop water & portage cove exten.	860.0
Kaktovik:	
Kaktovik grey water facility	450.0
Klawok:	
Water & sewer improvements	500.0
Kotzebue:	
Water & sewer expansion	1,100.0
Larsen Bay:	
Water & sewer	370.0
McGrath:	
Water delivery phase I	1,150.0

Nikolai:	
On site water & sewr system	400.0
Nome:	
Nome water, sewer, and utilidor system	1,000.0
Noorvik:	
Water & sewer expansion	600.0
Palmer:	
Sewage plant expansion	2,369.8
Port Lions:	
Bayview Dr. sewer phase I	132.0
Savoonga/Punik Island:	
Water & sewer	452.0
Seldovia:	
water & sewer extension	506.0
Sitka:	
Blue Lake water source	3,000.0
Unalakleet:	
Water main extension	500.0
Wasilla:	
waste water facility	1,400.0
Septic Treatment facility	160.0

Sec. 4 DOE water projects (AS 14.11):

$1.05 Million for the following communities:

Bering Straits School District:

Water projects (Teller, Brevig Mission, Golovin, and Shishmaref) 1,000.0

Northwest Arctic School District:

Water Main Hookup	50.0

Sec. 5. Department of Environmental Conservation:

$.2 million

Water/sewer feasibility studies in Anvik, Eek, Nulato, Telida, and Platnum	200.0

Introduced: 1/18/83
Referred: Community and Regional Affairs and Finance

Funding Information

General Fund	$28,000,000
Other Funds	-0-
	$28,000,000

BY GILMAN, STURGULEWSKI AND P.FISCHER

IN THE SENATE

SENATE BILL NO. 15

IN THE LEGISLATURE OF THE STATE OF ALASKA

THIRTEENTH LEGISLATURE - FIRST SESSION

A BILL

For an Act entitled: "An Act making a supplemental appropriation to the Department of Environmental Conservation; and providing for an effective date."

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

* Section 1. The sum of $28,000,000 is appropriated from the general fund to the Department of Environmental Conservation for grants for water and sewer facility construction authorized by AS 46.03.030.

* Sec. 2. This Act takes effect immediately in accordance with AS 01.-10.070(c).

Offered: 2/23/83
Referred: Rules

Original sponsors: Gilman, Sturgulewski
and P.Fischer

Funding Information
General Fund $87,986,500
Other Funds -0-
$87,986,500

IN THE SENATE BY THE FINANCE COMMITTEE

CS FOR SENATE BILL NO. 15 (Finance)

IN THE LEGISLATURE OF THE STATE OF ALASKA

THIRTEENTH LEGISLATURE - FIRST SESSION

A BILL

For an Act entitled: "An Act making a supplemental appropriation to the Department of Environmental Conservation for water and sewer grants; special appropriations to an unincorporated community and municipalities for water, sewer or solid waste grants, to the Department of Education for a water grant, and to the Department of Environmental Conservation for water and sewer studies; and providing for an effective date."

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* Sec. 2. The sum of $838,000 is appropriated from the general fund to the unincorporated community of Igiugig for payment as a grant for water, sewer, and solid waste facility construction.

* Sec. 3. The sum of $57,898,500 is appropriated from the general fund to the following municipalities for payment as grants for water and sewer facility construction.

Municipality of Anchorage:

	Eagle River/Chugiak water	$1,850,000
	Point Woronzof wastewater plant	3,300,000
	Port of Anchorage, AREA D & U.S.	1,000,000
	Port of Anchorage, Lot 12B	4,800,000
	Ship Creek water treatment plant	6,000,000
	Solid waste landfill project	315,000
Akihiok:		
	Sanitary landfill development	460,000
Bethel:		
	Bethel sewer line extension	400,000
Bristol Bay Borough:		
	South Naknek village well	87,000
Chevak:		
	Watering points	848,000
Craig:		
	Water and sewer Phase I completion	1,000,000
Dillingham:		
	Airport Heights Subdivision water development	300,000
City of Fairbanks:		
	Sewer drainage upgrade	960,000
	Sludge disposal facility	850,000
	Van Horn interceptor	360,000
Fairbanks North Star Borough:		
	Ballaine Lake sewer service	700,000
Fort Yukon:		
	Fort Yukon water and sewer system	3,700,000
Haines:		
	Allen Road to Sawmill Road waterline	33,500

Hoonah:		
	Water and sewer upgrade Phase I	3,600,000
Hydaburg:		
	Water and sewer upgrade (additional to DEC $2.5 million)	2,500,000
Iliamna/Newhalen:		
	Water development	340,000
City and Borough of Juneau:		
	Juneau water system development	7,000,000
Kake:		
	Fourth Avenue loop water and portage cove extension	860,000
Kaktovik:		
	Kaktovik grey water facility	450,000
Klawok:		
	Water and sewer improvements	500,000
Kotzebue:		
	Water and sewer expansion	1,100,000
Larsen Bay:		
	Water and sewer	370,000
McGrath:		
	Water delivery Phase I	1,150,000
Minto:		
	Phase I water and sewer system	335,000
Mt. Village:		
	Washeteria	700,000
Near Island:		
	Water and sewer engineering	350,000
Nikolai:		

On site water and sewer system	400,000
Nome:	
Nome water, sewer, and utilidor system	1,000,000
Noorvik:	
Water and sewer expansion	600,000
Old Harbor:	
Sewer renovation	1,160,000
Palmer:	
Sewage plant expansion	2,370,000
Port Lions:	
Bayview Dr. sewer Phase I	132,000
Savoonga/Punik Island:	
Water and sewer	452,000
Seldovia:	
Water and sewer extension	506,000
Sitka:	
Blue Lake water source	3,000,000
Unalakleet:	
Water main extension	500,000
Wasilla:	
Wastewater facility	1,400,000
Septic treatment	160,000

* Sec. 4. The sum of $1,050,000 is appropriated from the general fund to the Department of Education for payment as grants for water facility construction authorized and disbursed under AS 14.11 to the following school districts:

Bering Straits School District:	
Water projects (Teller, Brevig Mission, Golovin, and Shishmaref)	1,000,000

Northwest Arctic School District:

Water main hookup 50,000

* Sec. 5. The sum of $200,000 is appropriated from the general fund to the Department of Environmental Conservation for water and sewer feasibility studies in Anvik, Eek, Nulato, Telida, and Platinum authorized under AS 46.03.020.

* Sec. 6. The appropriations made under secs. 2 and 3 of this Act shall be disbursed in accordance with AS 37.05.315 - 37.05.319.

* Sec. 7. This Act takes effect immediately in accordance with AS 01.-10.070(c).

POSITION PAPER

CSSB15(FIN)

Fiscal propriety demands that the State maintain project monitoring capability to ensure that the grant funds are spent for the project, and are managed according to Borough or Municipal fiscal procedures. Accordingly, a minimal State operating budget impact will be felt with the passage of each special appropriation under AS 37.05.315-37.05.319, such as this specific bill proposes. I should point out at this time that local governments have recognized their similar responsibilities when awarding grants to local social service providers, etc. Municipalities charge an administrative overhead fee of one to three point eight percent per grant. The Department of Administration requests that the specific grant appropriation language acknowledge a State agency overhead factor of up to .5% (one half of one percent) as Department of Administration operating costs for all special appropriations awarded under AS 37.05.315.

The Department questions the historical practice promoted under AS 37.05.315 and wonders if the Department of Community and Regional Affairs might be of better assistance to local governments through its Local Government Assistance program. Whereas the Department of Administration functions as a centralized control agency for all other Executive Branch agencies, the Department of Community and Regional Affairs is specifically charged with the responsibility of assisting local government in maximizing services to citizens.

Kenneth R Ryals 3/1/83

Kenneth R. Ryals

Lisa S Rudd 3/4/83

Lisa Rudd, Commissioner of Administration

1/0301-01/COMM

2/23/83
Kerttula

Alaska State Legislature

Senate

Office of the President

Official Business

Pouch V
State Capitol
Juneau, Alaska 99811

MEMORANDUM

DATE: February 18, 1983

TO: Senator Don Bennett
Co-Chairperson, Finance Committee

FROM: Senator Jay Kerttula
Senate President

The attached material was recently received in my office. It is the Wasilla sewer project for the water and sewer bill. I am forwarding it to you for your information and the perusal of your committee.

PRIORITY	PROJECT NAME	FUNDING REQUEST
NO. 2	SEPTIC TREATMENT	$160,000.00

backup material is attached

PROJECT SYNOPSIS

To keep costs for priority No.1 as low as possible, a major fraction of Wasilla will be served with innovative/alternative systems which depend on septic tanks. The septic tanks must be pumped on a regular basis. The Houston septage treatment facility will not have enough capacity to serve Wasilla in addition to the rest of the Borough. Wasilla will need it's own septage treatment facility. These funds are required to construct an innovative alternative demostration project for the Septic Treatment and Disposal System. The system is designed as a low cost disposal method for septic waste. The techniques to be applied have been proven for wastes that are as strong as septic, but have not actually been used for septic treatment. If, as experts around the nation believe, the system will work as designed, significant financial savings could accrue to communities throughout Alaska by use of this system.

STATE PRIORITIES

PRIORITY	PROJECT NAME	FUNDING REQUEST
NO.1	Wasilla Waste Water Facilities System	$1,400,000.00

back-up material for this project is forthcoming

PROJECT SYNOPSIS

Alaska Department of Environmental Conservat has funded STEPS I & II for Wasilla Waste Wa Facilities Planning and has an estimated re- quirement in FY-84 of $1,400,000 for constru tion grant funds for the City of Wasilla. Wasilla is the largest City in the State without a centralized sewerage facility. Th growth, economic viability and the future health and welfare of the citizens of the City depends largely on the construction of adequate collection and treatment facilities Recent tests indicate a deterioration in the quality of water, including fecal coloform, in Lakes Wasilla and Lucille. Request that the highest legislative priority be made to ensure that DEC receives full funding and priority for the Wasilla project.

CITY OF WASILLA, ALASKA, LEGISLATIVE PRIORITIES

CAPITAL IMPROVEMENT PROJECTS 1983

WASILLA SEPTIC TREATMENT FACILITY

PRIORITY # 2

PROJECT DESCRIPTION: As an intermediate and immediate measure to provide a short term solution to the problems created by (1) a population increase and (2) its resulting impacts, and (3) on-site septage treatment facility to serve its community. The Houston septage treatment facility, when it is on-line, will not have the capacity to serve Wasilla in addition to the rest of the Borough.

There are no septage treatment facilities in the Mat-Su Borough in use at the present time. Septage is hauled to Anchorage for disposal. During late 1982, the two active sewage pumping services were contacted to determine the present quantities of septage produced in the Borough. Approximately 2.9 million gallons of sewge was produced this year within the Borough with a substantial quantity increase occurring in the immediate future. The proposed septage treatment facility at Houston has a design capacity of 2.5 million gallons.

The City of Wasilla must include a septage treatment facility in its capital improvements plan programming since the Houston facility will not be able to accept the increased load anticipated from the regularly pumped septic tanks within the Wasilla area.

TIME TABLES FOR PROJECTS COMPLETION: Attached is a time line schedule for the project. Estimated project commencement will begin during the first of the 1984 year.

BUDGETARY NEEDS: Legislative or other State assisted funding in the amount of $185,786.00 is required to cover those costs as attached.

OPERATION AND MAINTENANCE COSTS: It shall be necessary for the City of Wasilla to establish a user fee for the operation and maintenance of the project. Additionally, this project shall "dovetail" with Priority #1-Wasilla Sewage Collection and Treatment Facility with its overall intent to act as an interim measure and serve the immediate needs of the community.

CITY OF WASILLA, ALASKA, LEGISLATIVE PRIORITIES

CAPITAL IMPROVEMENT PROJECTS 1983

WASILLA SEPTIC TREATMENT FACILITY

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IMPACT ON THE ECONOMIC DEVELOPMENT OF THE COMMUNITY:	There will be a positive impact on the economic development of the community. The cost of residential, commercial, and industrial property development shall be lower due to lack of need for sewage pumping and hauling ro Anchorage.
LOCAL EMPLOYMENT EFFECTS:	Local employment will be created for this project during the planning, design and construction phases as well as after the system goes on line in the form of operation and maintenance. The real benefits of this type of development as the State readily sees is its provision of needed infrastructure for the stable and productive growth of private sector employment security.
IMPACT ON THE MAINTENANCE OF LIFE, HEALTH AND SAFETY:	The City of Wasilla is experiencing a growth rate of 15% to 30% annually. With this, housing development has brought an increase of on-site sewage disposal systems. The City's water is taken from wells and provided to part of the community through a distribution network. This combined with a high water table has created a sensitive environment, including two lakes, which will be negatively impact through the potential pollution emanating from on-site sewage disposal in a high water table.
SUPPORTING DOCUMENTATION:	Attached to this narrative is the Matanuska-Susitna Borough's statement of support. The project has also been cited as supported and needed by other Borough, State and Federal reports and findings.
CONTACT:	Michael John Tavoliero, Administrative Officer, P.O. Box 430, Wasilla, AK 99687 (907) 376-5227/ 376-3893

PLAN OF STUDY

PROPOSED SEPTAGE TREATMENT FIELD DEMONSTRATION PROJECT

On July 2, 1982, the existing EPA Facilities Planning Grant for the City of Wasilla was increased to provide for an additional planning effort in order to produce an acceptable facilities plan. A copy of the Plan of Study for that effort is attached hereto (Appendix A). Items A, B, C, E and F in that Plan of Study which are required for a POS have not changed and will be incorporated into this POS by reference. This POS will address items D, G and H as required by the EPA Construction Grants Program.

D. An amendment to the previous grants for Facilities Planning for the study area is necessary for the following reasons:

The additional planning effort funded by the July 2, 1982 increase will emphasize the use of Innovative/Alternative solutions. It is anticipated that the result will include a number of septic tanks which must be pumped and maintained on a regular schedule. The purpose of I/A solutions is to provide facilities that can be operated and maintained at a cost the community can afford. The facilities plan, therefore, must address the problem of septage treatment and disposal. There are no septage treatment facilities in the Mat-Su Borough at the present time. Septage is hauled to Anchorage for disposal. Two pumpers are active in the Borough at the present time. They were each contacted to determine the present quantities of septage produced in the Borough. A-1 Cesspool Service, the largest, estimates that, on an average, they pump 10,000 gallons per day, five days a week, or 2.6 million gallons per year. P&B Septic Services have pumped 180,000 gallons from January 1st to August 15th of this year. They anticipate that the rate will probably increase during the balance of the year. This translates to approximately 0.28 million gallons per year. The total amount of septage currently produced in the borough, therefore, is approximately 2.9 million gallons per year. That quantity can be expected to increase over the next ten years.

APPENDIX 1

A proposed septage treatment facility is scheduled to be built in the Big Lake area. It is anticipated that that facility will be completed during the summer of 1983. It will have a design capacity of 2.5 million gallons. The estimated cost of the facility is $521,000 for a cost of $208,400 per million gallon capacity. The designers estimate the O&M costs to be $16.10 per thousand gallons for the first year of operation.

The Wasilla facilities plan must include septage treatment facilities since the proposed plant at Big Lake will not be able to accept the increased load anticipated from the regularly pumped septic tanks within the Wasilla facility plan boundaries. The proposed plant to be funded by this grant increase employs an Innovative/Alternative solution. The 1981 changes in Public Law 92-500 allow for a field demonstration project for an I/A solution during the planning stage to develop the design parameters and to insure that a full scale project will be economically designed or will not be built if the innovative process does not function as intended. If approved, the increased grant will be used to pay for constructing a facility designed for a target capacity of 2,000 gallons per day or .73 million gallons per year. The 2,000 GPD design target was selected for two reasons. The pumper supplying the septage normally carries 2,000 gallons making it more reliable to expect a 2,000 gallon load per delivery. Also, this size project will be necessary to prevent scale up uncertainties when the full scale project is built. This project will be designed to permit it to be incorporated into the full scale project if practical. The projected capital costs for the facility are estimated to be $152,000 per million gallons capacity as compared to $208,400 per million gallon capacity for the Big Lake plant. The estimated operation and maintenance costs will be $10.74 per 1,000 gallons as compared to $16.10 per thousand gallons for the Big Lake plant. These costs are for a completely self-contained small facility. Both the capital costs per million gallons and the O&M costs per 1,000 gallons can be expected to be lower for a full size plant since the relationship is not linear.

By combining the septage treatment facility with a sewage treatment plant, such as an aerated lagoon, it is probable that the second stage fluidized bed, the building housing it, and the subsurface disposal system

can be eliminated. The effluent from the first stage solid separation phase would be discharged directly into the sewage treatment plant. This will drastically reduce both the first cost and the O&M costs for pretreating septage since all that will be required will be a series of concrete tanks to settle out the settleable solids.

The proposed plant will consist of a six compartment concrete tank heated and insulated and buried with the top 8" above ground level. The top will serve as the foundation and floor of the building housing the second stage fluidized bed. The tank will have a total capacity of 20,000 gallons. Compartment #1 will act as a flow equalization tank with a capacity of 5,000 gallons. The contents will be pumped at a uniform rate into tanks #2, 3, and 4 which will serve as three septic tanks in series. The effluent from tank 4 will be collected in tank 5 and will be pumped from tank 5 through the second stage fluidized bed reactor. The effluent from the second stage will go into tank 6. Tank 6 will have a dosing siphon chamber which will discharge into a subsurface soil absorption field. Sludge collected in tanks 2, 3 and 4 will be pumped as necessary to a sludge drying bed. The sludge drying bed will have four compartments for flexibility and the dried sludge will be picked-up with a front-end loader and buried in a landfill at the site. The second stage anaerobic fluidized bed has been investigated by EPA. EPA publication 600/2-82-004, dated February, 1982, entitled "Technology Assessment of Anaerobic Systems for Municipal Waste Water Treatment" reports on an EPA sponsored study of the use of an anaerobic fluidized bed to provide secondary treatment for domestic wastes. The anaerobic fluidized bed consists of a vertical tube, in this case two feet in diameter, containing finely divided media, for example ion exchange media, and a pump. The pump is sized to maintain a vertical velocity such that the particles are suspended continuously but the velocity is too low for wash-out. The anaerobic bacteria collect on the surface of the media. The gases produced in this case will be flared. The process is extremely simple and maintenance free since the only piece of equipment is a pump. The anaerobic fluidized bed we propose to use in the study was developed by the Ecolotrol Corporation of New York. The chief of research for Ecolotrol, Roger Olson, advises that Ecolotrol has conducted pilot studies on a number of very strong wastes but never on

septage. The most closely comparable waste was a food processing waste with BOD, suspended solids and COD comparable to those reported for settled septage in the literature. The pilot study was successful for the food processing waste. The reactor will be built by Ecolotrol and shipped to Wasilla for installation in the building. Ecolotrol has offered technical support for the study at no cost. The research engineer from the EPA Research Lab in Cincinnati who was the project engineer for the EPA study described above, Robert Bowker, has also offered technical support. Finally, Dr. Tim Tillsworth, Professor of Sanitary Engineering at the University of Alaska, who has investigated extensively the physical and chemical characteristics of septage in Alaska, has offered technical support.

The demonstration project will be built on land owned by the City of Wasilla and located approximately 1.5 miles southwest of the City center adjacent to the Knik-Goosebay Highway. A site plan with test hole data is attached (Appendix B). The surrounding area is undeveloped and owned by the State.

The success of this system will also be beneficial to the Mat-Su Borough since they will be responsible for funding and operating future septage treatment facilities. They have authorized $8,000 to partially fund the study. For their $8,000, they will receive a copy of the report and be kept up-to-date technically on the study. A copy of the agreement is enclosed with this application.

Sampling and testing will be accomplished by subcontract with Mat-Su Test Lab.

Among the objectives of this study are the following:

1) The literature contains no reference to septage studies conducted to determine the settlability of the solids over a relatively long period of time. The results reported generally are from Imhoff cone tests of sixty minutes. The material in a septic tank before it is pumped typically includes a settled sludge

layer on the bottom, a scum layer on the top, and a liquid fraction between the two which is the material discharged to the subsurface disposal system in the typical SI-SAS home system. An important part of the study will be to measure the BOD, COD and suspended solids in each of the compartments of the solids separation phase to determine the rate at which solids separation occurs. The concrete tank will be equipped with thermostatically controlled heating pads so that the effect of temperature on settlability can be determined. Finally, a retention time at temperatures in the mesophilic range is expected to enable the solids separation phase to function as an inefficient anaerobic digester. Results of this analysis will impact on the capacity of the second stage reactor.

2) Efforts to utilize municipal aerated lagoons for treatment of septage have failed because of the heavy build-up of solids at the point where septage enters the lagoon. If the settlable solids are removed during the initial solids separation phase, it would be reasonable to believe that the effluent from the solids separation phase could be introduced into a lagoon or other treatment facility without creating a problem. The elimination of the second phase fluidized bed, the building housing it and the subsurface absorption system will drastically reduce the first cost and the O&M costs.

3) The study above will also permit the determination of the pattern of settlable solids build-up in the solids separation phase. For example, a five to eight day retention time for the solids separation phase may not be necessary.

4) The usefulness of using an anaerobic fluidized bed for the second stage treatment will be determined. For a self-contained facility where the effluent is disposed of in a subsurface soil absorption system, the important parameter is suspended solids. The ability of an anaerobic fluidized bed to reduce suspended solids will be critical. Also, in most of the studies

A recap of the costs for the project is as follows:

Design (12%)		$ 11,140.00
Soils Investigation		2,260.00
Construction		110,056.00
Construction Management (5%)		4,633.00
Study		46,000.00
O&M during Study		
Power	$ 1,657.00	
Septage Hauling	6,500.00	
Total O&M		$ 8,157.00
Legal and Administrative (2%)		3,540.00
TOTAL		185,786.00

It is proposed that the city will let six separate contracts for the construction phase which will be prepared by Pohl and Associates. They will be:

CONTRACT NO.	WORK TO BE DONE	ESTIMATED COST -
1	Clearing & Sitework	$ 12,477.00
2	Concrete Tank	13,009.00
3	Building	21,465.00
4	6" Cased Well	1,182.00
5	Fluidized Bed Unit	44,941.00
6	Fencing (6' Chain Link)	6,977.00
	TOTAL	$ 100,051.00
Contingency (10%)		10,005.00
		$ 110,056.00

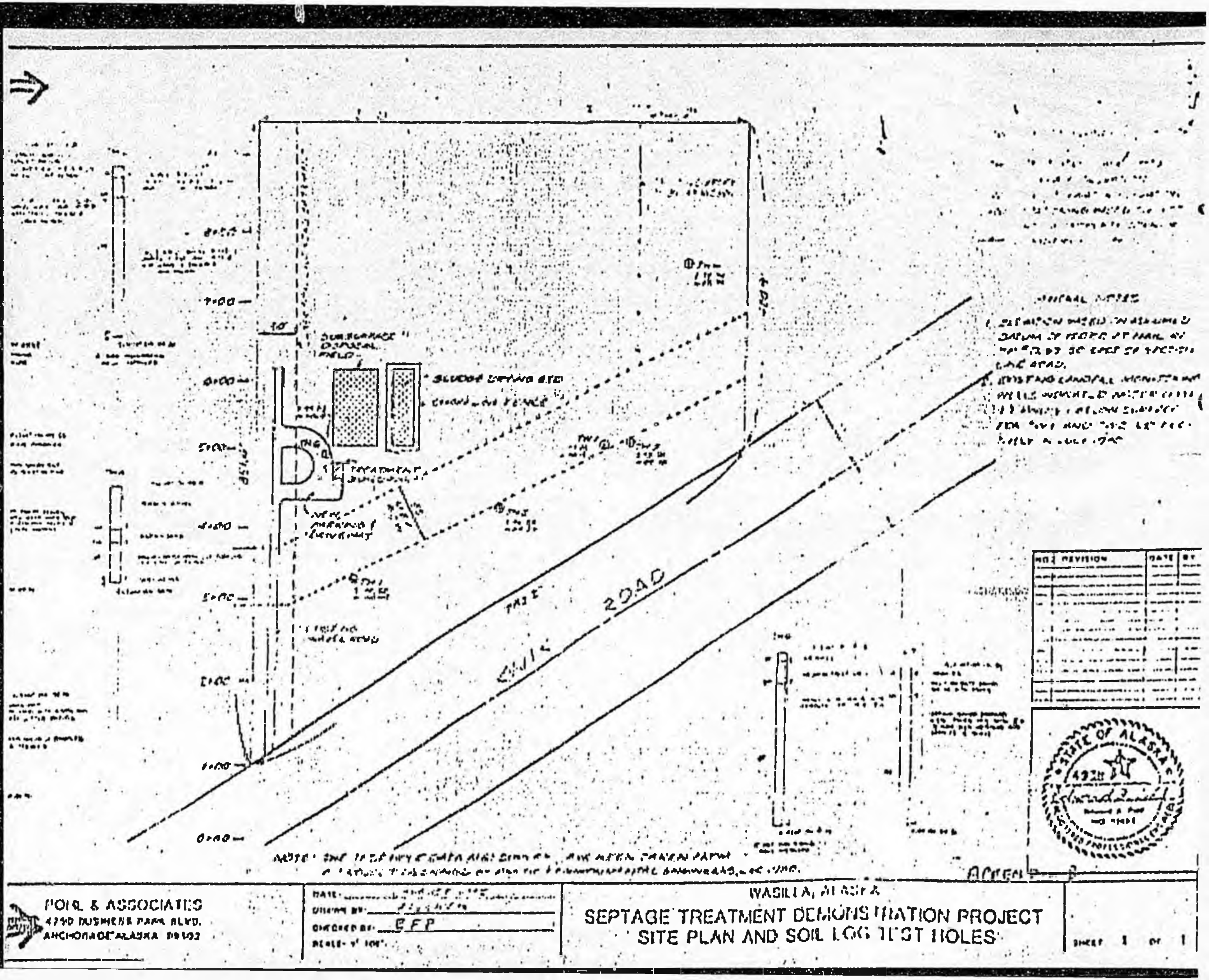
Construction Management will be by Pohl and Associates.

accomplished to-date by Ecolotrol, they have observed a two to three month period after start-up until the methane formers in the column have reached the necessary concentration. If the methane formers can begin to be established in the heated and insulated solids separation tank, it would appear that this start-up period could be reduced.

5) Finally, the subsurface absorption system will be divided in four parts in an effort to determine the suspended solids levels which can be discharged to the drains without damaging the bed.

G. The schedule for completion of each specific task necessary to complete the study has been prepared. Table 1 lists the major tasks, shows their sequencing and the approximate amount of time to complete each one.

H. Table 2 lists the estimated costs for each major task and the total estimated costs.



SLUDGE DRYING BED
CHAIN LINK FENCE
ROAD
GENERAL NOTES
REVISION
DATE
STATE OF ALASKA
WASILLA, ALASKA
SEPTAGE TREATMENT DEMONSTRATION PROJECT
SITE PLAN AND SOIL LOG TEST HOLES
POHL & ASSOCIATES
BUSINESS PARK BLVD.
ANCHORAGE, ALASKA
DATE:
DRAWN BY:
CHECKED BY: EFP
SCALE:
SHEET 1 OF 1

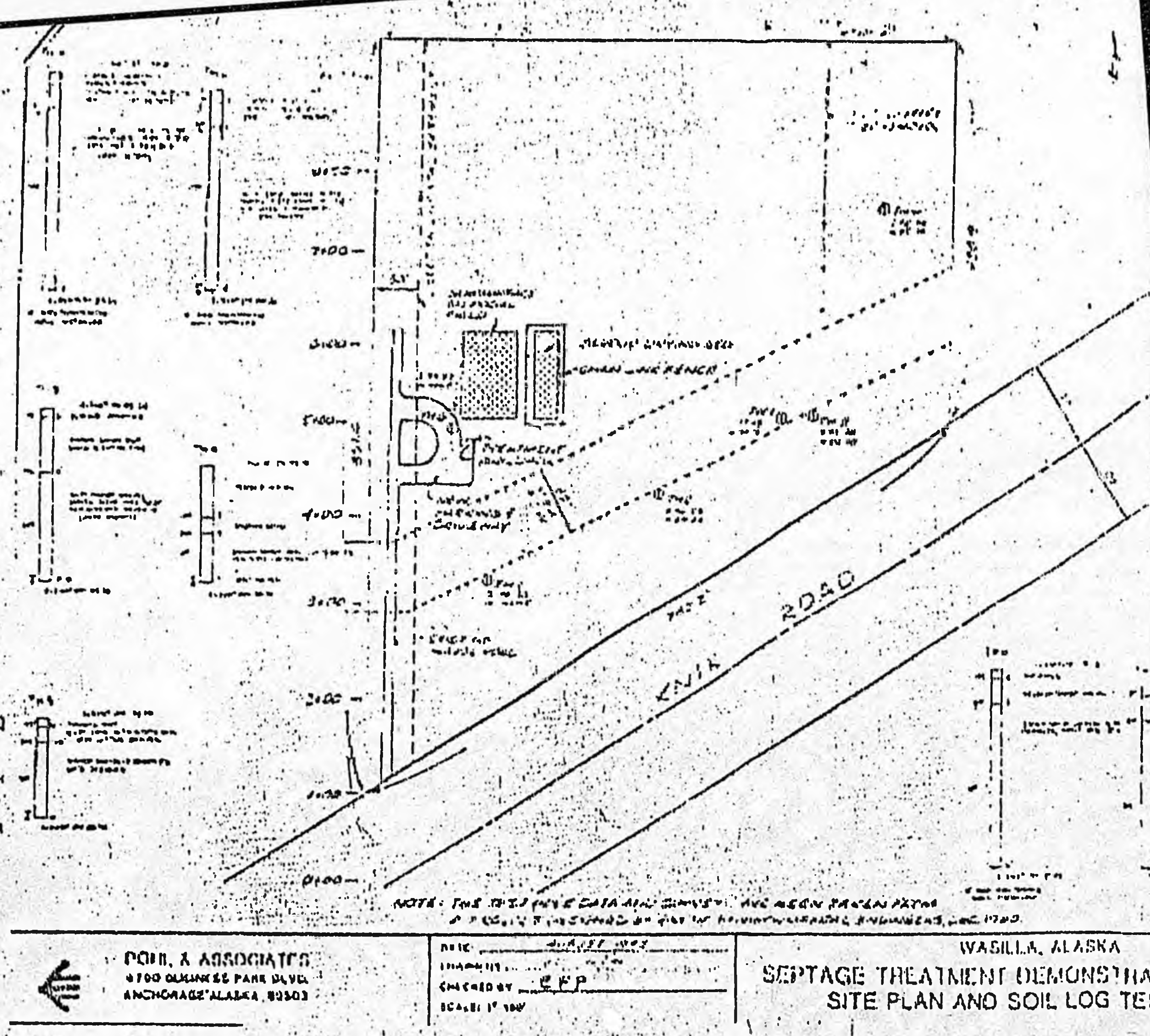

KNIK ROAD
CHAIN LINK FENCE
NOTE: THE TEST HOLE DATA AND DRAWINGS ARE BEEN TAKEN FROM
POHL & ASSOCIATES
ANCHORAGE, ALASKA
CHECKED BY
WASILLA, ALASKA
SEPTAGE TREATMENT DEMONSTRA
SITE PLAN AND SOIL LOG TE

TABLE 1

SCHEDULE OF TASKS

TASKS	WEEKS									
	4	8	12	16	20	24	28	32	36	40
A. Program Management & Administration	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXX
B. Obtain Soils Data	X									
C. Design Facility	XXX									
D. Let Construction Contracts	X	X								
E. Construction		XXXX		X						
F. Construction Management										
G. Purchase Lab Equipment		X								
H. Conduct				XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
I. Prepare Report									X	XXX

x - Anticipated Work Weeks

2/17/83
Sen. Fischer

MEMORANDUM

2/17/83

TO: Senate Finance Committee Members

FROM: Senator Vic Fischer

RE: Proposed CSSB 15 (Fin) - Water & sewer projects

COMPONENTS OF PROPOSED COMMITTEE SUBSTITUTE:

Sec. 1. DEC projects -- $28 million per DEC matching grants list (Backup provided)

Sec. 2. Village Safe Water Program projects - per Sen. Sackett's list (Backup provided)

Sec. 3. Municipal water & Sewer grants - per Sen. Sackett's, Sen. Bennett' and other lists (BAckup provided)

Lists:

Anchorage $17.2 million, 100% grant (backup provided)

Fairbanks $2.9 million, 100% grant (backup provided)

Palmer

Seldovia $.5 million, 100% grant (backup provided)

Wasilla

Sitka $3.0 million, 50% grant (backup provided)

Klawock $.5 million, 50% grant (backup provided)

Haines $33.5 thousand, 50% grant (backup provided)

Craig $1.0 million, 100% grant (backup provided)

Hoonah $3.6 million, 100% grant (backup provided)

Hydaburg $ 2.2 million, 100% grant (backup provided)

Kake $860 thousand, 100% grant (backup provided)

And others yet to be provided

MEMORANDUM

2/17/83

TO: Senate Finance Committee Members

FROM: Senator Vic Fischer

RE: SB 15 (water & sewer appropriation)

Attached please find the backup information for the Department of Environmental Conservation list of proposed water, sewer, and solid waste capital projects. The information was provided by Mr. Keith Kelton, of the DEC.

NOTE: The department was unable to provide (on fairly short notice), all the information on projects proposed for the $28 million list. This is a fairly representative sample and further information can be obtained from Mr. Kelton (465-2610).

I have been assured by the DEC that all these projects are ready for construction this year and that the local matching funding is secure for each. I have invited Mr. Kelton as well as representatives of the Municipality of Anchorage to testify before the Committee regarding these projects.

Please let me know if there is any further information I can provide.

(1)

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Municipality: Municipality of Anchorage

Applicant Mailing Address: 3000 Arctic Boulevard
Anchorage, Alaska 99504

Application Prepared by: Robert E. Smith

Title: Acting General Manager

Type of Application: XX Initial _____ Revised

Type of Project _____ Water XX Sewerage _____ Solid Waste

Project Descriptive Title: Brown's LID 121
S81(20)3522

Number of Lots 19 and Persons 114 benefitting from this project.

Estimated Construction Period: Oct. 1981 Start March 1983 Finish

Amount of State Grant Funds Requested from ADEC: $ 103,000

Source of Applicant's Funding for Project: G.O. Bonds

The applicant, through it's authorized representative, certifies that to the best of its knowledge and belief that the data contained in this application is true and correct and that all titles and easements necessary to provide clear title or authority to construct and maintain the proposed project shall be obtained. Failure to comply with this certification will be cause for the Department to withhold a grant award or withdraw a grant offer that may have been extended.

Robert E. Smith	Acting General Manager	11-4-81
Typed Name	Title	Date

Robert E Smith
Signature

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

COST SUMMARY

	COST CLASSIFICATION	ATTACHMENT REQUIRED	TOTAL ESTIMATED PROJECT COSTS	
	ELIGIBLE COSTS	Note: Attachments A B & C are required for for all projects		
1.	Administrative Expenses[1]		2,984	1.
2.	Legal Expenses[1]		760	2.
3.	Engineering Design Fees[2]	D or E	18,249	3.
4.	Project Inspection and Surveying[2]	D or E	16,728	4.
5.	Construction[2]	D or F	152,072	5.
6.	Equipment	G	0	6.
7.	Other Costs	H	0	7.
8.	Project Contingencies		15,207	8.
9.	SUBTOTAL (Lines 1-8)	SUBTOTAL	206,000	9.
10.	Amount of Line 9 provided by Federal Grants		0	10.
11.	Amount of Line 9 provided by Other State Agencies		0	11.
12.	Amount of Line 9 provided by Applicant		103,000	12.
13.	Amount of Existing ADEC Grant		0	13.
14.	Amount of Line 9 Currently Requested from ADEC		103,000	14.
	INELIGIBLE COSTS			
15.	Land and Easement Acquisition Costs[3]		2,040	15.
16.	Purchase of Private Utilities		0	16.
17.	Interest and Finance Charges		12,360	17.
18.	Formation Costs of Local Improvement Districts		0	18.
19.	Comprehensive Plans and Feasibility Studies		0	19.
20.	Grant Application Preparation Costs		10,300	20.
21.	SUBTOTAL (Lines 15-20)	SUBTOTAL	24,700	21.
22.	TOTAL PROJECT COSTS (Lines 9 plus 21)	TOTAL	230,700	22.

1. Eligibility of these expenses is limited to costs incurred by the applicant as a direct result of the project. Salaries of existing staff working normally scheduled hours are not grant eligible.

2. With prior approval, the costs of engineering design, construction management, and actual construction performed in-house are grant eligible. Force account rates must be approved by the Department prior to the State grant offer. Force account work performed more than 120 days prior to a State grant offer is not eligible for grant funding. Requests for approval of force account rates must be supported by Attachment D. Construction Grant Regulations 18 AAC 73.010 (g)(2) establishes specific force account procedures and eligibilities.

3. The cost of land when used as an integral part of a treatment process, such as spray irrigation, and solid waste landfill sites may be considered grant eligible. These costs should appear under line 7 Other Costs (above) and must be supported by Attachment H.

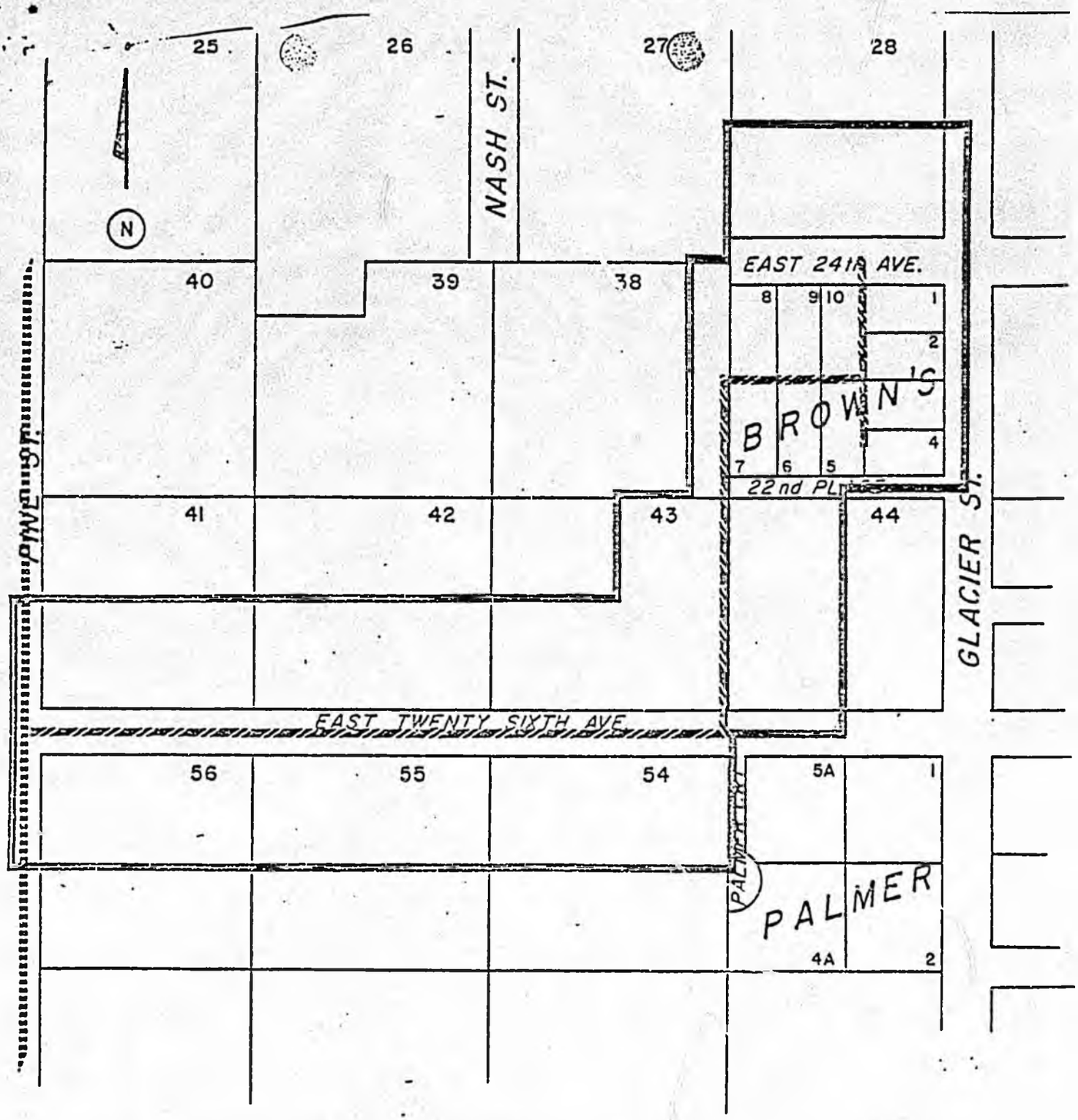
PROJECT NARRATIVE

BROWN'S LID 121

Brown's Lateral Improvement District No. 121 is a sanitary sewer project which will expand the Anchorage sanitary sewer network by approximately 1,944 linear feet. The L.I.D. was introduced to the Municipal Assembly September 8, 1981, through the Assembly Memorandum 866-81. Public Hearing has been set for September 29, 1981. The L.I.D. is located in city grid 1537 in the vicinity of Pine Street and East 26th Avenue.

Lateral Improvement District No. 121 was created at the request of a property owner in Brown's Resubdivision. The L.I.D. will serve nineteen (19) properties, all R-2 zoning, Multiple Family Residential District. Public sanitary sewer will encourage orderly development and minimize potential subsurface contamination of water sources by eliminating area saturation of private on-site wastewater disposal systems.

Attachment A



BROWN L.I.D. # 121

L.I.D. BOUNDARY

EXISTING SEWER

PROPOSED SEWER

Attachment B

(2)

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Municipality: Municipality of Anchorage

Applicant Mailing Address: 3000 Arctic Boulevard
Anchorage, Alaska 99504

Application Prepared by: Robert E. Smith

Title: Acting General Manager

Type of Application: XX Initial _____ Revised

Type of Project _____ Water XX Sewerage _____ Solid Waste

Project Descriptive Title: Stella, LID 133
S81(22)3522

Number of Lots 34 and Persons 119 benefitting from this project.

Estimated Construction Period: Oct. 1981 Start March 1983 Finish

Amount of State Grant Funds Requested from ADEC: $ 107,850

Source of Applicant's Funding for Project: G.O. Bonds

The applicant, through it's authorized representative, certifies that to the best of its knowledge and belief that the data contained in this application is true and correct and that all titles and easements necessary to provide clear title or authority to construct and maintain the proposed project shall be obtained. Failure to comply with this certification will be cause for the Department to withhold a grant award or withdraw a grant offer that may have been extended.

Robert E. Smith	Acting General Manager	11-4-81
Typed Name	Title	Date

Robert E Smith
Signature

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

COST SUMMARY

	COST CLASSIFICATION	ATTACHMENT REQUIRED	TOTAL ESTIMATED PROJECT COSTS	
	ELIGIBLE COSTS	Note: Attachments A B & C are required for for all projects	$99.50/LF	
1.	Administrative Expenses[1]		2% 3,123	1.
2.	Legal Expenses[1]		0.5% 796	2.
3.	Engineering Design Fees[2]	D or E	12% 19,108	3.
4.	Project Inspection and Surveying[2]	D or E	11% 17,516	4.
5.	Construction[2]	D or F	159,234	5.
6.	Equipment	G	0	6.
7.	Other Costs	H	0	7.
8.	Project Contingencies		10% 15,923	8.
9.	SUBTOTAL (Lines 1-8)	SUBTOTAL	215,700	9.
10.	Amount of Line 9 provided by Federal Grants		0	10.
11.	Amount of Line 9 provided by Other State Agencies		0	11.
12.	Amount of Line 9 provided by Applicant		107,850	12.
13.	Amount of Existing ADEC Grant		0	13.
14.	Amount of Line 9 Currently Requested from ADEC		107,850	14.
	INELIGIBLE COSTS			
15.	Land and Easement Acquisition Costs[3]		2,073	15.
16.	Purchase of Private Utilities		0	16.
17.	Interest and Finance Charges		12,942	17.
18.	Formation Costs of Local Improvement Districts		0	18.
19.	Comprehensive Plans and Feasibility Studies		0	19.
20.	Grant Application Preparation Costs		10,785	20.
21.	SUBTOTAL (Lines 15-20)	SUBTOTAL	25,800	21.
22.	TOTAL PROJECT COSTS (Lines 9 plus 21)	TOTAL	241,500	22.

1. Eligibility of these expenses is limited to costs incurred by the applicant as a direct result of the project. Salaries of existing staff working normally scheduled hours are not grant eligible.

2. With prior approval, the costs of engineering design, construction management, and actual construction performed in-house are grant eligible. Force account rates must be approved by the Department prior to the State grant offer. Force account work performed more than 120 days prior to a State grant offer is not eligible for grant funding. Requests for approval of force account rates must be supported by Attachment D. Construction Grant Regulations 18 AAC 73.010 (a)(2) establishes specific force account procedures and eligibilities.

3. The cost of land when used as an integral part of a treatment process, such as spray irrigation, and solid waste landfill sites may be considered grant eligible. These costs should appear under line 7 Other Costs (above) and must be supported by Attachment H.

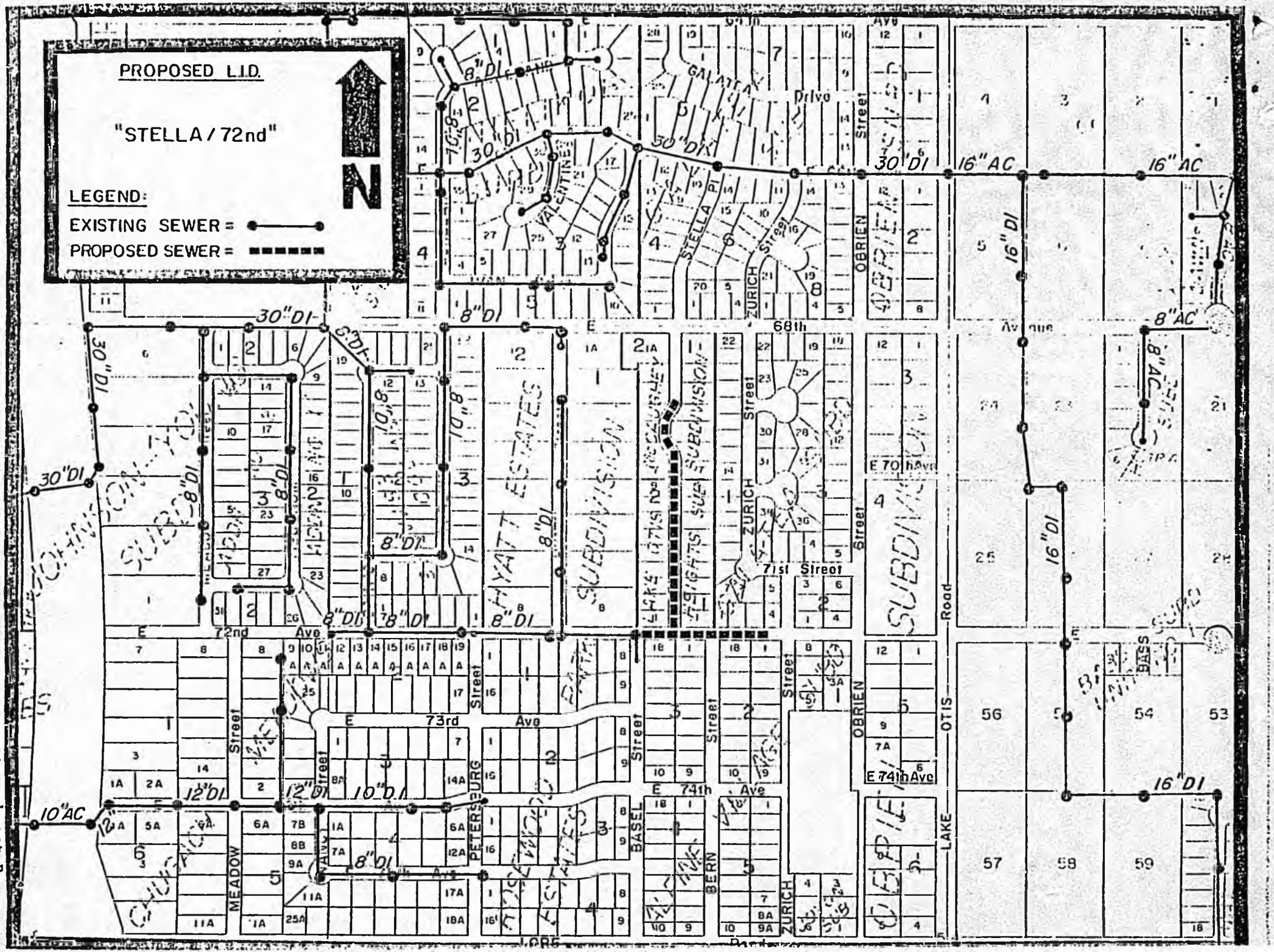
PROJECT NARRATIVE

STELLA L.I.D. 133

Stella L.I.D. 133 in-house lateral sewer design, as planned, will consist of approximately 1,600 linear feet of 8-inch Ductile Iron Pipe. The proposed 8-inch will connect into an existing manhole at the intersection of 72nd Avenue and Basel Street, extend east to Zurich Street, and north along Stella Street for approximately 1,000 feet (see attached map).

The proposed main is presently being designed to serve Lake Otis Heights and McCaughey residential subdivisions.

Attachment A



Attachment B

(3)

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Municipality: Municipality of Anchorage

Applicant Mailing Address: 3000 Arctic Boulevard
Anchorage, Alaska 99504

Application Prepared by: Robert E. Smith

Title: Acting General Manager

Type of Application: XX Initial _____ Revised

Type of Project _____ Water XX Sewerage _____ Solid Waste

Project Descriptive Title: Library, LID 131
S81(23)3522

Number of Lots _____ and Persons _____ benefitting from this project.

Estimated Construction Period: Oct. 1981 Start March 1983 Finish

Amount of State Grant Funds Requested from ADEC: $ 301,200

Source of Applicant's Funding for Project: G.O. Bonds

The applicant, through it's authorized representative, certifies that to the best of its knowledge and belief that the data contained in this application is true and correct and that all titles and easements necessary to provide clear title or authority to construct and maintain the proposed project shall be obtained. Failure to comply with this certification will be cause for the Department to withhold a grant award or withdraw a grant offer that may have been extended.

Robert E. Smith	Acting General Manager	11-4-81
Typed Name	Title	Date

Robert E Smith
Signature

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

COST SUMMARY

	COST CLASSIFICATION	ATTACHMENT REQUIRED	TOTAL ESTIMATED PROJECT COSTS	
	ELIGIBLE COSTS	Note: Attachments A B & C are required for for all projects		
1.	Administrative Expenses[1]		8,810	1.
2.	Legal Expenses[1]		2,223	2.
3.	Engineering Design Fees[2]	D or E	53,356	3.
4.	Project Inspection and Surveying[2]	D or E	48,910	4.
5.	Construction[2]	D or F	444,637	5.
6.	Equipment	G	0	6.
7.	Other Costs	H	0	7.
8.	Project Contingencies		44,464	8.
9.	SUBTOTAL (Lines 1-8)	SUBTOTAL	602,400	9.
10.	Amount of Line 9 provided by Federal Grants		0	10.
11.	Amount of Line 9 provided by Other State Agencies		0	11.
12.	Amount of Line 9 provided by Applicant		301,200	12.
13.	Amount of Existing ADEC Grant		0	13.
14.	Amount of Line 9 Currently Requested from ADEC		301,200	14.
	INELIGIBLE COSTS			
15.	Land and Easement Acquisition Costs[3]		5,936	15.
16.	Purchase of Private Utilities		0	16.
17.	Interest and Finance Charges		36,144	17.
18.	Formation Costs of Local Improvement Districts		0	18.
19.	Comprehensive Plans and Feasibility Studies		0	19.
20.	Grant Application Preparation Costs		30,120	20.
21.	SUBTOTAL (Lines 15-20)	SUBTOTAL	72,200	21.
22.	TOTAL PROJECT COSTS (Lines 9 plus 21)	TOTAL	674,600	22.

1. Eligibility of these expenses is limited to costs incurred by the applicant as a direct result of the project. Salaries of existing staff working normally scheduled hours are not grant eligible.

2. With prior approval, the costs of engineering design, construction management, and actual construction performed in-house are grant eligible. Force account rates must be approved by the Department prior to the State grant offer. Force account work performed more than 120 days prior to a State grant offer is not eligible for grant funding. Requests for approval of force account rates must be supported by Attachment D. Construction Grant Regulations 18 AAC 73.010 (a)(2) establishes specific force account procedures and eligibilities.

3. The cost of land when used as an integral part of a treatment process, such as spray irrigation, and solid waste landfill sites may be considered grant eligible. These costs should appear under line 7 Other Costs (above) and must be supported by Attachment H.

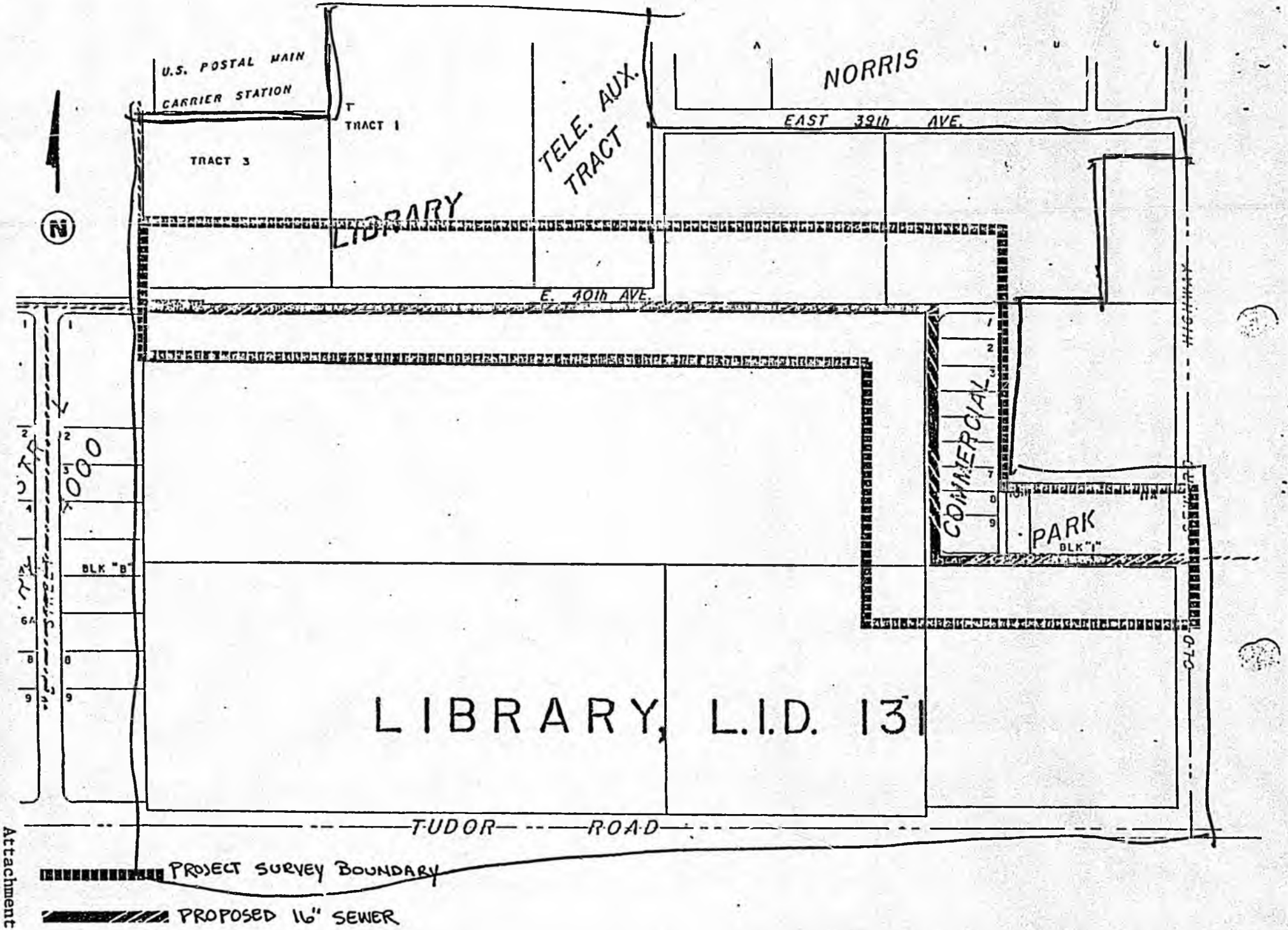
PROJECT NARRATIVE

LIBRARY L.I.D. 131

The rapid commercial development of the area between Tudor Road and Northern Lights Boulevard has created a need, as well as a strong demand, for sanitary sewer service. The Anchorage Municipal Assembly created Library L.I.D. 131 on August 18, 1981 with AO 81-109.

In an effort to relieve the force main and pump station on the eastern tie-in, and create gravity flow, this line will be oversized to 16-inch to match existing and provide for the commercial needs in this area. The project consists of approximately 3276 L.F. of 16-inch D.I.P. with all appurtenant fixtures.

Attachment A



Attachment B

(4)

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Municipality: Municipality of Anchorage

Applicant Mailing Address: 3000 Arctic Boulevard
Anchorage, Alaska 99504

Application Prepared by: Robert E. Smith

Title: Acting General Manager

Type of Application: XX Initial _____ Revised

Type of Project _____ Water XX Sewerage _____ Solid Waste

Project Descriptive Title: Abbott Loop Manor, LID 132

Number of Lots 51 and Persons 178 benefitting from this project.

Estimated Construction Period: December 1981 Start June 1983 Finish

Amount of State Grant Funds Requested from ADEC: $ 292,650

Source of Applicant's Funding for Project: G.O. Bonds

The applicant, through it's authorized representative, certifies that to the best of its knowledge and belief that the data contained in this application is true and correct and that all titles and easements necessary to provide clear title or authority to construct and maintain the proposed project shall be obtained. Failure to comply with this certification will be cause for the Department to withhold a grant award or withdraw a grant offer that may have been extended.

ROBERT E. SMITH	Acting General Manager	12-29-81
Typed Name	Title	Date

Signature

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

COST SUMMARY

	COST CLASSIFICATION	ATTACHMENT REQUIRED	TOTAL ESTIMATED PROJECT COSTS	
	ELIGIBLE COSTS	Note: Attachments A B & C are required for for all projects	$92.50/LF	
1.	Administrative Expenses[1]		2% 8,603	1.
2.	Legal Expenses[1]		0.5% 2,160	2.
3.	Engineering Design Fees[2]	D or E	12% 51,838	3.
4.	Project Inspection and Surveying[2]	D or E	11% 47,518	4.
5.	Construction[2]	D or F	431,983	5.
6.	Equipment	G	0	6.
7.	Other Costs	H	0	7.
8.	Project Contingencies		10% 43,198	8.
9.	SUBTOTAL (Lines 1-8)	SUBTOTAL	585,300	9.
10.	Amount of Line 9 provided by Federal Grants		0	10.
11.	Amount of Line 9 provided by Other State Agencies		0	11.
12.	Amount of Line 9 provided by Applicant		292,650	12.
13.	Amount of Existing ADEC Grant		0	13.
14.	Amount of Line 9 Currently Requested from ADEC		292,650	14.
	INELIGIBLE COSTS			
15.	Land and Easement Acquisition Costs[3]		5,817	15.
16.	Purchase of Private Utilities		0	16.
17.	Interest and Finance Charges		35,118	17.
18.	Formation Costs of Local Improvement Districts		0	18.
19.	Comprehensive Plans and Feasibility Studies		0	19.
20.	Grant Application Preparation Costs		29,265	20.
21.	SUBTOTAL (Lines 15-20)	SUBTOTAL	70,200	21.
22.	TOTAL PROJECT COSTS (Lines 9 plus 21)	TOTAL	655,500	22.

1. Eligibility of these expenses is limited to costs incurred by the applicant as a direct result of the project. Salaries of existing staff working normally scheduled hours are not grant eligible.

2. With prior approval, the costs of engineering design, construction management, and actual construction performed in-house are grant eligible. Force account rates must be approved by the Department prior to the State grant offer. Force account work performed more than 120 days prior to a State grant offer is not eligible for grant funding. Requests for approval of force account rates must be supported by Attachment D. Construction Grant Regulations 18 AAC 73.010 (g)(2) establishes specific force account procedures and eligibilities.

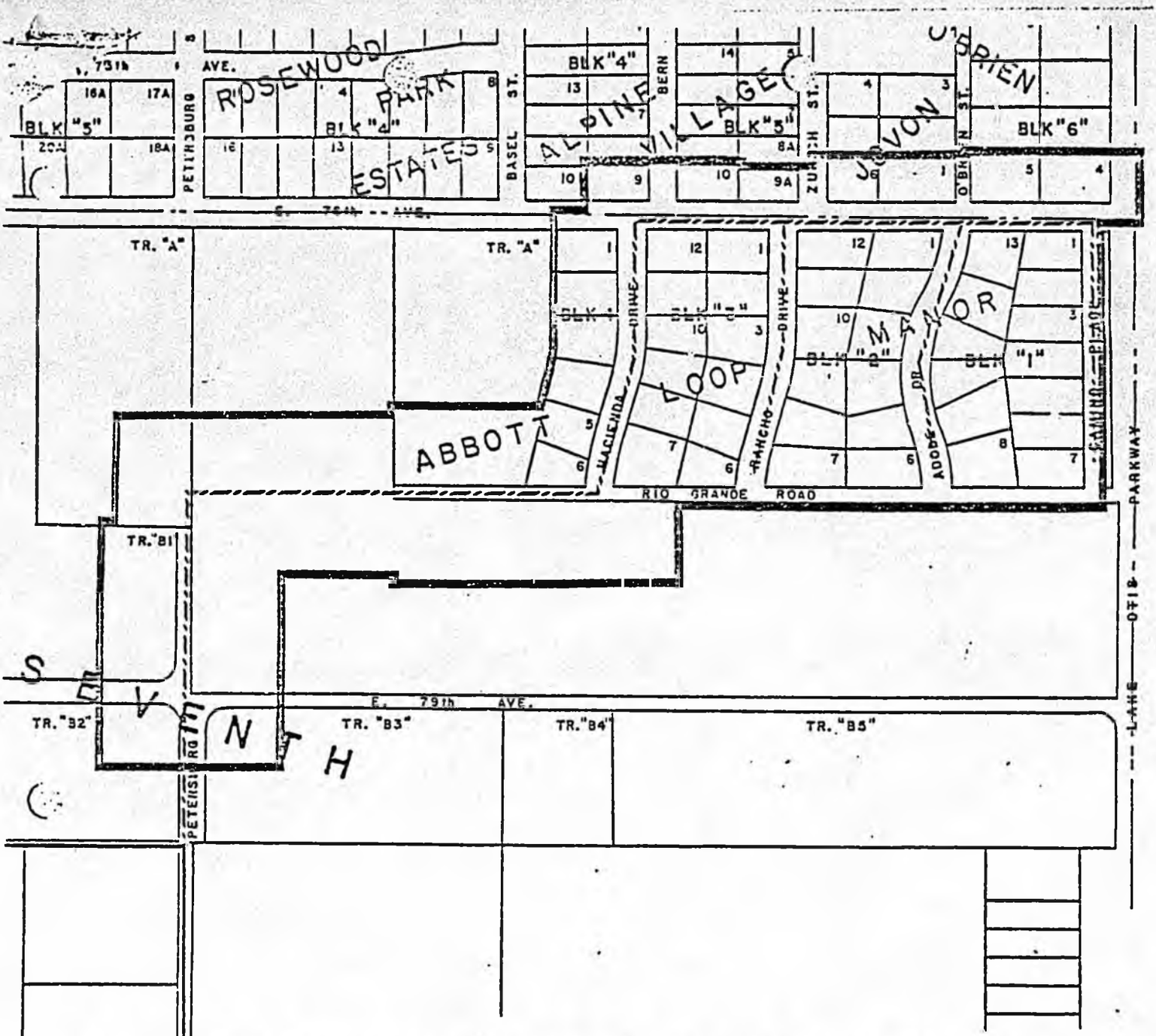
3. The cost of land when used as an integral part of a treatment process, such as spray irrigation, and solid waste landfill sites may be considered grant eligible. These costs should appear under line 7 Other Costs (above) and must be supported by Attachment H.

PROJECT NARRATIVE

ABBOTT LOOP MANOR L.I.D. #132

This project consists of approximately 4,670 L.F. of 8-inch Ductile Iron Pipe. This is a homeowner initiated project located at 76th and Lake Otis.

This project is as requested by the Homeowners and will eliminate health problems that could arise due to increasing failure of on-site disposal systems.



ABBOTT LOOP MANOR, L.I.D. #132

L.I.D. Boundary

Existing Sewer

Proposed Sewer

Attachment B

(5)

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Municipality: Municipality of Anchorage

Applicant Mailing Address: 3000 Arctic Boulevard
Anchorage, Alaska 99504

Application Prepared by: Robert E. Smith

Title: Acting General Manager

Type of Application: XX Initial _____ Revised

Type of Project _____ Water XX Sewerage _____ Solid Waste

Project Descriptive Title: Shackleton, LID 79
S82(1)3522

Number of Lots 18 and Persons 54 benefitting from this project.

Estimated Construction Period: January 1982 Start June 1983 Finish

Amount of State Grant Funds Requested from ADEC: $ 70,500

Source of Applicant's Funding for Project: G.O. Bonds

The applicant, through it's authorized representative, certifies that to the best of its knowledge and belief that the data contained in this application is true and correct and that all titles and easements necessary to provide clear title or authority to construct and maintain the proposed project shall be obtained. Failure to comply with this certification will be cause for the Department to withhold a grant award or withdraw a grant offer that may have been extended.

ROBERT E. SMITH	Acting General Manager	January 22, 1982
Typed Name	Title	Date

Robert E Smith
Signature

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

COST SUMMARY

	COST CLASSIFICATION	ATTACHMENT REQUIRED	TOTAL ESTIMATED PROJECT COSTS	
	ELIGIBLE COSTS	Note: Attachments A B & C are required for for all projects	$83.88 LF	
1.	Administrative Expenses[1]		2% 2,005	1.
2.	Legal Expenses[1]		0.5% 509	2.
3.	Engineering Design Fees[2]	D or E	15% 15,274	3.
4.	Project Inspection and Surveying[2]	D or E	11% 11,201	4.
5.	Construction[2]	D or F	101,828	5.
6.	Equipment	G	0	6.
7.	Other Costs	H	0	7.
8.	Project Contingencies		10% 10,183	8.
9.	SUBTOTAL (Lines 1-8)	SUBTOTAL	141,000	9.
10.	Amount of Line 9 provided by Federal Grants		0	10.
11.	Amount of Line 9 provided by Other State Agencies		0	11.
12.	Amount of Line 9 provided by Applicant		70,500	12.
13.	Amount of Existing ADEC Grant		0	13.
14.	Amount of Line 9 Currently Requested from ADEC		70,500	14.
	INELIGIBLE COSTS			
15.	Land and Easement Acquisition Costs[3]		1,390	15.
16.	Purchase of Private Utilities		0	16.
17.	Interest and Finance Charges		8,460	17.
18.	Formation Costs of Local Improvement Districts		0	18.
19.	Comprehensive Plans and Feasibility Studies		0	19.
20.	Grant Application Preparation Costs		7,050	20.
21.	SUBTOTAL (Lines 15-20)	SUBTOTAL	16,900	21.
22.	TOTAL PROJECT COSTS (Lines 9 plus 21)	TOTAL	157,900	22.

1. Eligibility of these expenses is limited to costs incurred by the applicant as a direct result of the project. Salaries of existing staff working normally scheduled hours are not grant eligible.

2. With prior approval, the costs of engineering design, construction management, and actual construction performed in-house are grant eligible. Force account rates must be approved by the Department prior to the State grant offer. Force account work performed more than 120 days prior to a State grant offer is not eligible for grant funding. Requests for approval of force account rates must be supported by Attachment D. Construction Grant Regulations 18 AAC 73.010 (a)(2) establishes specific force account procedures and eligibilities.

3. The cost of land when used as an integral part of a treatment process, such as spray irrigation, and solid waste landfill sites may be considered grant eligible. These costs should appear under line 7 Other Costs (above) and must be supported by Attachment H.

Narrative

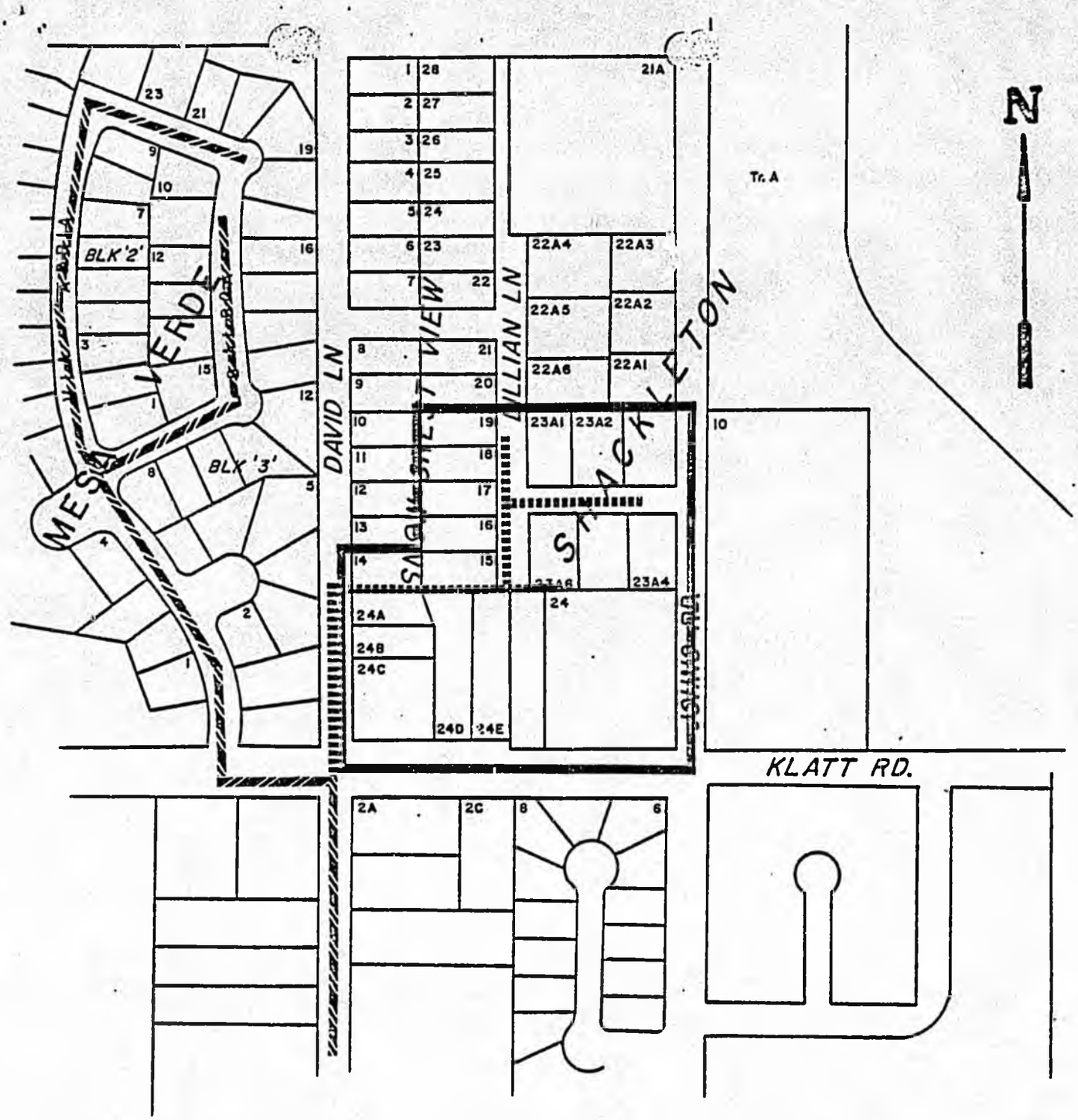
SHACKLETON LID 79

Shackleton LID 79 is a sanitary sewer project which involves the design and construction of an estimated 1214 linear feet of 8-inch ductile iron pipe and related sanitary sewer appurtenances. This project will provide public sanitary sewer facilities to 19 properties in the Shackleton and Snow Crest View Subdivisions (Gird 2630).

Shackleton Subdivision, Lots 23A1 thru 23A6, Lot 24 (2 parcels) and Lots 24A thru 24E.

Snow Crest View Subdivision, Lots 14 thru 19.

The majority of these properties range from quarter-acre to third-acre lots. On-site wastewater disposal systems if developed on each lot would provide a saturation density capable of threatening contamination of potable groundwater supplies in this area. Public sewer could thwart a potential health hazard.



SHACKLETON L.I.D. # 79

L.I.D. BOUNDARY

EXISTING SEWER

PROPOSED SEWER

— Attachment B
E.H.

(6)

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Municipality: Municipality of Anchorage

Applicant Mailing Address: 3000 Arctic Boulevard
Anchorage, Alaska 99504

Application Prepared by: Robert E. Smith

Title: Acting General Manager

Type of Application: XX Initial _____ Revised

Type of Project _____ Water XX Sewerage _____ Solid Waste

Project Descriptive Title: Alpine Village LID 135

S82(2)3522

Number of Lots 68 and Persons 238 benefitting from this project.

Estimated Construction Period: January 1982 Start June 1983 Finish

Amount of State Grant Funds Requested from ADEC: $ 238,200

Source of Applicant's Funding for Project: G.O. Bonds

The applicant, through it's authorized representative, certifies that to the best of its knowledge and belief that the data contained in this application is true and correct and that all titles and easements necessary to provide clear title or authority to construct and maintain the proposed project shall be obtained. Failure to comply with this certification will be cause for the Department to withhold a grant award or withdraw a grant offer that may have been extended.

ROBERT E. SMITH	Acting General Manager	January 22, 1982
Typed Name	Title	Date

Robert E Smith

Signature

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

COST SUMMARY

	COST CLASSIFICATION	ATTACHMENT REQUIRED	TOTAL ESTIMATED PROJECT COSTS	
	ELIGIBLE COSTS	Note: Attachments A B & C are required for for all projects	$87.48 /LF	
1.	Administrative Expenses[1]		2% 6,853	1.
2.	Legal Expenses[1]		0.5% 1,720	2.
3.	Engineering Design Fees[2]	D or E	15% 51,599	3.
4.	Project Inspection and Surveying[2]	D or E	11% 37,839	4.
5.	Construction[2]	D or F	343,990	5.
6.	Equipment	G	0	6.
7.	Other Costs	H	0	7.
8.	Project Contingencies		10% 34,399	8.
9.	SUBTOTAL (Lines 1-8)	SUBTOTAL	476,400	9.
10.	Amount of Line 9 provided by Federal Grants		0	10.
11.	Amount of Line 9 provided by Other State Agencies		0	11.
12.	Amount of Line 9 provided by Applicant		238,200	12.
13.	Amount of Existing ADEC Grant		0	13.
14.	Amount of Line 9 Currently Requested from ADEC		238,200	14.
	INELIGIBLE COSTS			
15.	Land and Easement Acquisition Costs[3]		4,696	15.
16.	Purchase of Private Utilities		0	16.
17.	Interest and Finance Charges		28,584	17.
18.	Formation Costs of Local Improvement Districts		0	18.
19.	Comprehensive Plans and Feasibility Studies		0	19.
20.	Grant Application Preparation Costs		23,820	20.
21.	SUBTOTAL (Lines 15-20)	SUBTOTAL	57,100	21.
22.	TOTAL PROJECT COSTS (Lines 9 plus 21)	TOTAL	533,500	22.

1. Eligibility of these expenses is limited to costs incurred by the applicant as a direct result of the project. Salaries of existing staff working normally scheduled hours are not grant eligible.

2. With prior approval, the costs of engineering design, construction management, and actual construction performed in-house are grant eligible. Force account rates must be approved by the Department prior to the State grant offer. Force account work performed more than 120 days prior to a State grant offer is not eligible for grant funding. Requests for approval of force account rates must be supported by Attachment D. Construction Grant Regulations 18 AAC 73.010 (g)(2) establishes specific force account procedures and eligibilities.

3. The cost of land when used as an integral part of a treatment process, such as spray irrigation, and solid waste landfill sites may be considered grant eligible. These costs should appear under line 7 Other Costs (above) and must be supported by Attachment H.

Narrative

Alpine Village LID 135

Alpine Village Lateral Improvement District No. 135 is a sanitary sewer project created through Assembly Ordinance 81-203 which will provide sanitary sewer to sixty-eight properties as defined below:

Rosewood Park Estates

Block 1, Lot 9
Block 2, Lots 8 & 9
Block 3, Lots 8 & 9
Block 4, Lots 8 & 9

Alpine Village

Block 1
Block 2, Lots 2 through 17
Block 3, Lots 2 through 16
Block 4, Lots 10 through 18

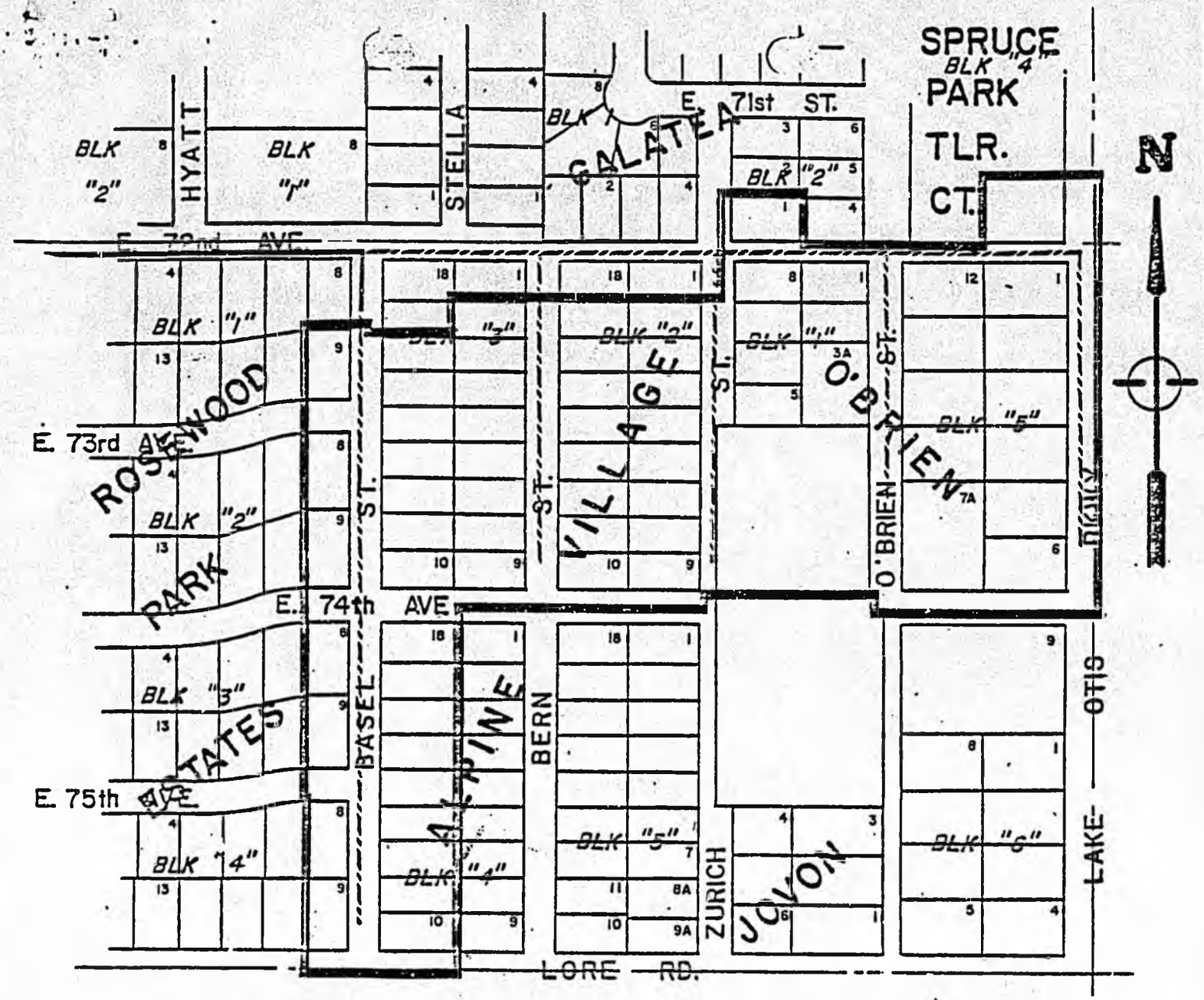
O'Brien Subdivision

Block 5
SE corner Block 4 (Spruce Park Trailer Court)

Galatea Estates Subdivision

Block 2, Lot 1

(Grid 2133)
This project includes design and construction of an estimated 3932 linear feet of 8-inch ductile iron pipe and related sanitary sewer appurtenances. The LID will contribute to the orderly development of the area and will also thwart contamination of potable groundwater supplies which may have occurred through proliferation of on-site wastewater disposal system.



ALPINE VILLAGE, L.I.D. # 135

L.I.D. Boundary

Proposed Sewer

Existing Sewer

Attachment B

(7)

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Municipality: Municipality of Anchorage

Applicant Mailing Address: 3000 Arctic Boulevard
Anchorage, Alaska 99504

Application Prepared by: Robert E. Smith

Title: Acting General Manager

Type of Application: XX Initial _____ Revised

Type of Project _____ Water XX Sewerage _____ Solid Waste

Project Descriptive Title: Zodiak, LID 85

S82(3)3522

Number of Lots 28 and Persons 98 benefitting from this project.

Estimated Construction Period: January 1982 Start June 1983 Finish

Amount of State Grant Funds Requested from ADEC: $ 60,250

Source of Applicant's Funding for Project: G.O. Bonds

The applicant, through it's authorized representative, certifies that to the best of its knowledge and belief that the data contained in this application is true and correct and that all titles and easements necessary to provide clear title or authority to construct and maintain the proposed project shall be obtained. Failure to comply with this certification will be cause for the Department to withhold a grant award or withdraw a grant offer that may have been extended.

ROBERT E. SMITH	Acting General Manager	January 22, 1982
Typed Name	Title	Date

Robert E Smith

Signature

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

COST SUMMARY

	COST CLASSIFICATION	ATTACHMENT REQUIRED	TOTAL ESTIMATED PROJECT COSTS	
	ELIGIBLE COSTS	Note: Attachments A B & C are required for for all projects	$60.47 LF	
1.	Administrative Expenses[1]		1.9% 1,666	1.
2.	Legal Expenses[1]		0.5% 435	2.
3.	Engineering Design Fees[2]	D or E	15% 13,059	3.
4.	Project Inspection and Surveying[2]	D or E	11% 9,576	4.
5.	Construction[2]	D or F	87,058	5.
6.	Equipment	G	0	6.
7.	Other Costs	H	0	7.
8.	Project Contingencies		10% 8,706	8.
9.	SUBTOTAL (Lines 1-8)	SUBTOTAL	120,500	9.
10.	Amount of Line 9 provided by Federal Grants		0	10.
11.	Amount of Line 9 provided by Other State Agencies		0	11.
12.	Amount of Line 9 provided by Applicant		60,250	12.
13.	Amount of Existing ADEC Grant		0	13.
14.	Amount of Line 9 Currently Requested from ADEC		60,250	14.
	INELIGIBLE COSTS			
15.	Land and Easement Acquisition Costs[3]		1,145	15.
16.	Purchase of Private Utilities		0	16.
17.	Interest and Finance Charges		7,230	17.
18.	Formation Costs of Local Improvement Districts		0	18.
19.	Comprehensive Plans and Feasibility Studies		0	19.
20.	Grant Application Preparation Costs		6,025	20.
21.	SUBTOTAL (Lines 15-20)	SUBTOTAL	14,400	21.
22.	TOTAL PROJECT COSTS (Lines 9 plus 21)	TOTAL	134,900	22.

1. Eligibility of these expenses is limited to costs incurred by the applicant as a direct result of the project. Salaries of existing staff working normally scheduled hours are not grant eligible.

2. With prior approval, the costs of engineering design, construction management, and actual construction performed in-house are grant eligible. Force account rates must be approved by the Department prior to the State grant offer. Force account work performed more than 120 days prior to a State grant offer is not eligible for grant funding. Requests for approval of force account rates must be supported by Attachment D. Construction Grant Regulations 18 AAC 73.010 (g)(2) establishes specific force account procedures and eligibilities.

3. The cost of land when used as an integral part of a treatment process, such as spray irrigation, and solid waste landfill sites may be considered grant eligible. These costs should appear under line 7 Other Costs (above) and must be supporred by Attachment H.

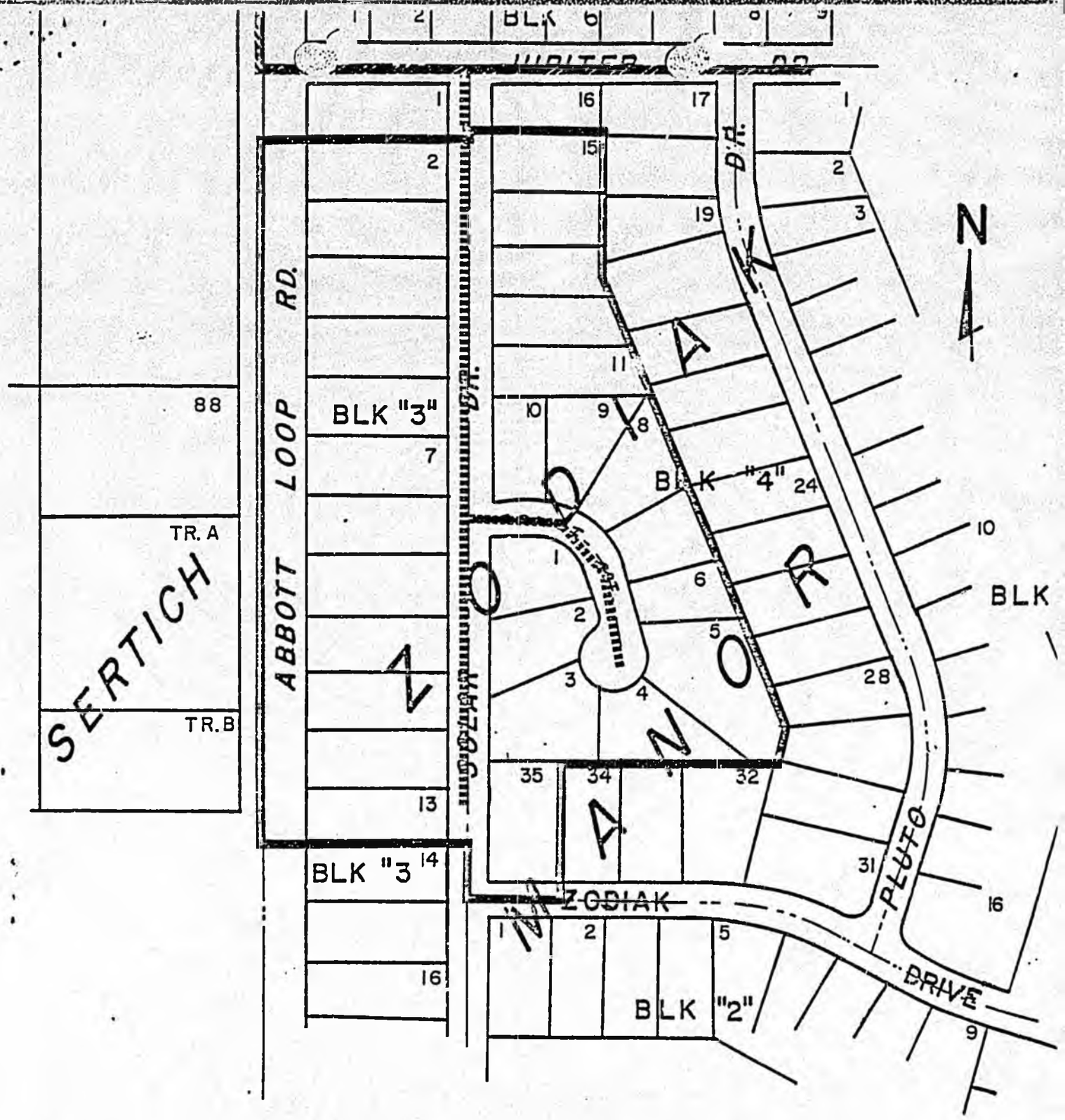
Narrative

Zodiak LID No. 85

Zodiak LID No. 85 is a sanitary sewer project which involves the design and construction of an estimated 1440 linear feet of 8-inch ductile iron pipe and related sanitary sewer appurtenances. The project will provide public sanitary sewer facilities to 28 properties in the Zodiak Manor Subdivision:

Block 3, Lots 2 thru 13
Block 4, Lots 1 thru 15 and Lot 35

These properties in general have areas in the neighborhood of 17,000 square feet, considerably less than half acre lots. On-site wastewater disposal systems if developed on each lot would provide a saturation capable of threatening contamination of potable groundwater supplies in the vicinity. Public sewer would undoubted avert potential health hazards to the local residents.



ZODIAK, L.I.D. No 85

L.I.D. Boundary ——————

Existing Sewer ——————

Proposed Sewer ··········

Attachment B

(8)

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Municipality: Municipality of Anchorage

Applicant Mailing Address: 3000 Arctic Boulevard
Anchorage, Alaska 99504

Application Prepared by: Robert E. Smith

Title: General Manager

Type of Application: XX Initial _____ Revised

Type of Project _____ Water XX Sewerage _____ Solid Waste

Project Descriptive Title: Windemere Sanitary Sewer
S82(8)3522

Number of Lots 38 and Persons 133 benefitting from this project.

Estimated Construction Period: April 1982 Start June 1983 Finish

Amount of State Grant Funds Requested from ADEC: ~~$ 57,310~~ # 28,655

Source of Applicant's Funding for Project: Public Works Special State Legislative Appropriation

The applicant, through it's authorized representative, certifies that to the best of its knowledge and belief that the data contained in this application is true and correct and that all titles and easements necessary to provide clear title or authority to construct and maintain the proposed project shall be obtained. Failure to comply with this certification will be cause for the Department to withhold a grant award or withdraw a grant offer that may have been extended.

Robert E. Smith	General Manager	April 27, 1982
Typed Name	Title	Date

Robert E Smith
Signature

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

COST SUMMARY

	COST CLASSIFICATION	ATTACHMENT REQUIRED	TOTAL ESTIMATED PROJECT COSTS	
	ELIGIBLE COSTS	Note: Attachments A B & C are required for for all projects	$86.72/LF	
1.	Administrative Expenses[1]		2% 2,838	1.
2.	Legal Expenses[1]		0.5% 721	2.
3.	Engineering Design Fees[2]	D or E	12% 17,327	3.
4.	Project Inspection and Surveying[2]	D or E	11% 15,883	4.
5.	Construction[2]	D or F	144,392	5.
6.	Equipment	G	0	6.
7.	Other Costs	H	0	7.
8.	Project Contingencies		10% 14,439	8.
9.	SUBTOTAL (Lines 1-8)	SUBTOTAL	195,600	9.
10.	Amount of Line 9 provided by Federal Grants		0	10.
11.	Amount of Line 9 provided by Other State Agencies		0	11.
12.	Amount of Line 9 provided by Applicant		$166,945 ~~138,290~~	12.
13.	Amount of Existing ADEC Grant		0	13.
14.	Amount of Line 9 Currently Requested from ADEC	29.3%x50%	~~57,310~~ $28,655	14.
	INELIGIBLE COSTS			
15.	Land and Easement Acquisition Costs[3]		1,884	15.
16.	Purchase of Private Utilities		0	16.
17.	Interest and Finance Charges		11,736	17.
18.	Formation Costs of Local Improvement Districts		0	18.
19.	Comprehensive Plans and Feasibility Studies		0	19.
20.	Grant Application Preparation Costs (and other ineligible costs)		9,780	20.
21.	SUBTOTAL (Lines 15-20)	SUBTOTAL	23,400	21.
22.	TOTAL PROJECT COSTS (Lines 9 plus 21)	TOTAL	219,000	22.

1. Eligibility of these expenses is limited to costs incurred by the applicant as a direct result of the project. Salaries of existing staff working normally scheduled hours are not grant eligible.

2. With prior approval, the costs of engineering design, construction management, and actual construction performed in-house are grant eligible. Force account rates must be approved by the Department prior to the State grant offer. Force account work performed more than 120 days prior to a State grant offer is not eligible for grant funding. Requests for approval of force account rates must be supported by Attachment D. Construction Grant Regulations 18 AAC 73.010 (g)(2) establishes specific force account procedures and eligibilities.

3. The cost of land when used as an integral part of a treatment process, such as spray irrigation, and solid waste landfill sites may be considered grant eligible. These costs should appear under line 7 Other Costs (above) and must be supported by Attachment H.

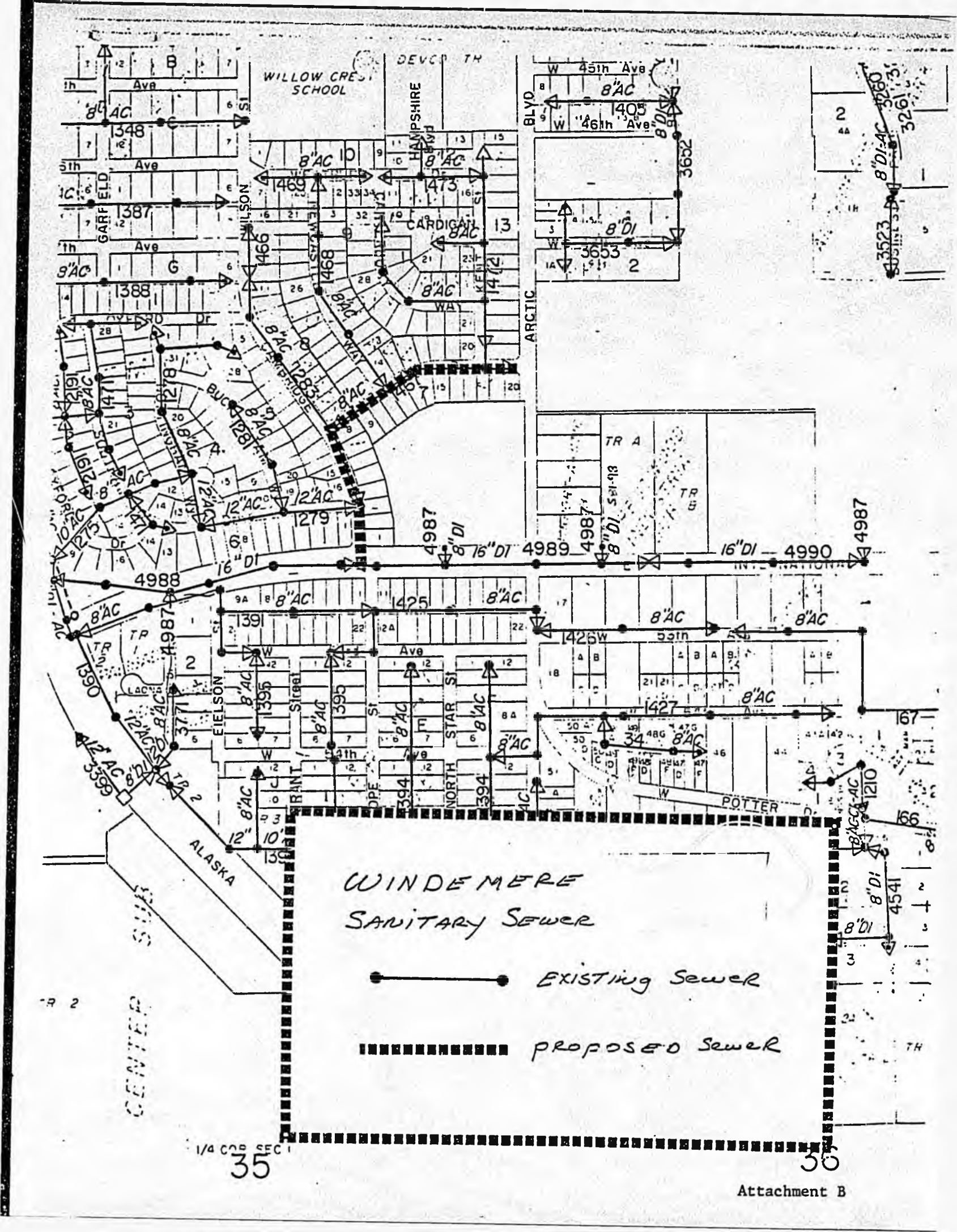
NARRATIVE

Windemere Sanitary Sewer

City Grid: 1829
Sewer Grid: 4635
Zoning: R-1 (One Family Residential District)

Public Works plans to improve Windemere Subdivision roads during the late summer 1982 construction season. Prior to the street improvement, i.e. paving, AWWU proposes to replace the 8" A.C. pipe on Cambridge Way to Lancaster Drive, and Lancaster Drive to Arctic Boulevard.

Windemere Subdivision has a costly history of pipe failure and residence damage. The deteriorating A.C. pipe, coupled with shallow bury conditions and adverse grades is rapidly becoming a health hazard to the 38 residences dependent on this line. To correct the deficiencies, AWWU proposes to remove the existing line, replacing 1665 L.F. of A.C. with ductile iron pipe, providing improved gravity flow service and sufficient bury according to current design practices and consumer requirements.



Attachment B

(9)

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Municipality: Municipality of Anchorage

Applicant Mailing Address: 3000 Arctic Boulevard
Anchorage, Alaska 99504

Application Prepared by: Robert E. Smith

Title: General Manager

Type of Application: XX Initial _____ Revised

Type of Project _____ Water XX Sewerage _____ Solid Waste

Project Descriptive Title: West 44th Sewer Extension

S82(9)3522

Number of Lots 9 and Persons 31 benefitting from this project.

Estimated Construction Period: May 1982 Start June 1983 Finish

Amount of State Grant Funds Requested from ADEC: $ 34,550

Source of Applicant's Funding for Project: G.O. Bonds

The applicant, through it's authorized representative, certifies that to the best of its knowledge and belief that the data contained in this application is true and correct and that all titles and easements necessary to provide clear title or authority to construct and maintain the proposed project shall be obtained. Failure to comply with this certification will be cause for the Department to withhold a grant award or withdraw a grant offer that may have been extended.

Robert E. Smith	General Manager	June 16, 1982
Typed Name	Title	Date

Robert E. Smith

Signature

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

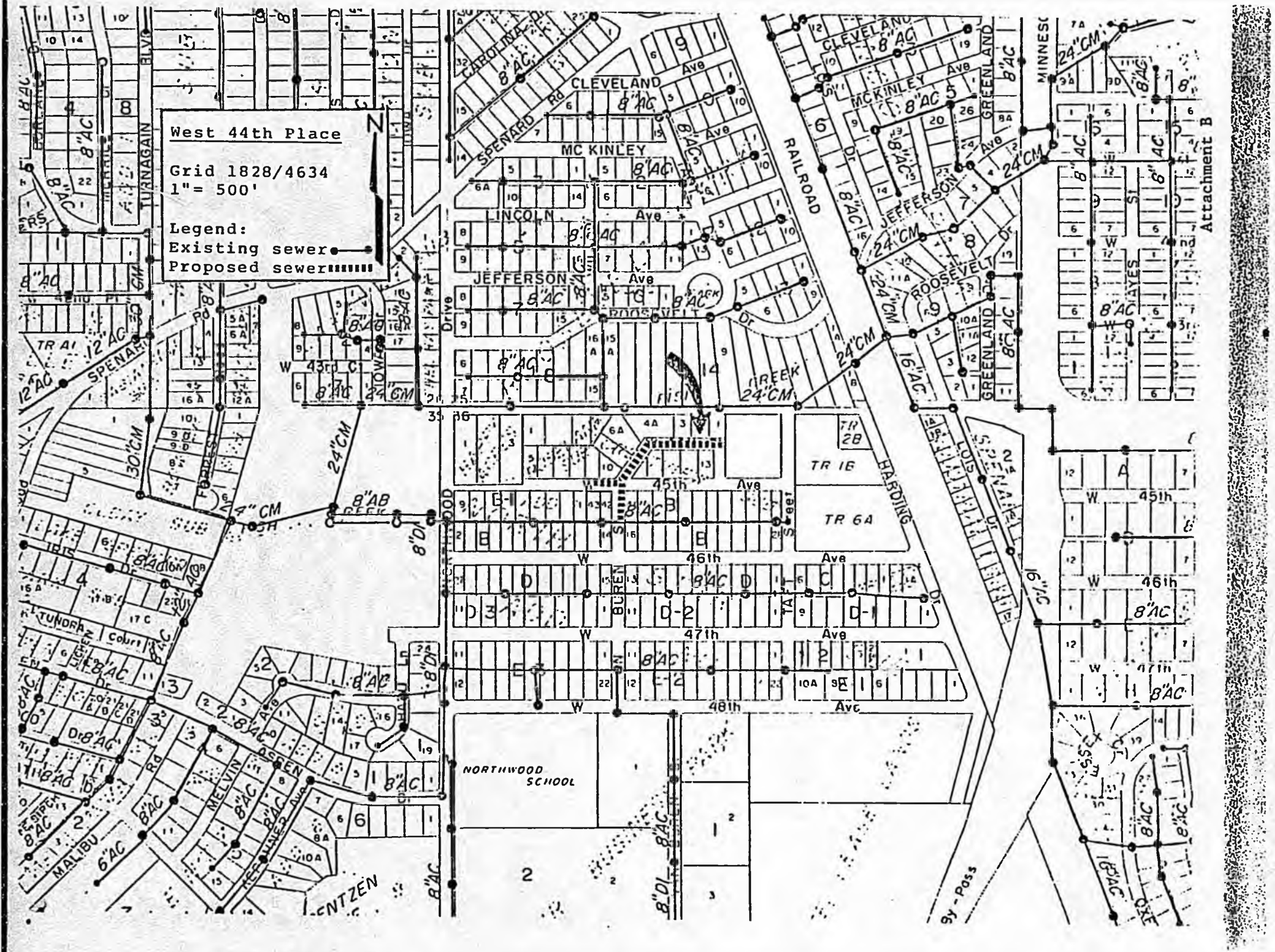
COST SUMMARY

	COST CLASSIFICATION	ATTACHMENT REQUIRED	TOTAL ESTIMATED PROJECT COSTS	
	ELIGIBLE COSTS	Note: Attachments A B & C are required for for all projects	$77.93/LF	
1.	Administrative Expenses[1]		1.9% 954	1.
2.	Legal Expenses[1]		0.5% 255	2.
3.	Engineering Design Fees[2]	D or E	12% 6,125	3.
4.	Project Inspection and Surveying[2]	D or E	11% 5,615	4.
5.	Construction[2]	D or F	51,047	5.
6.	Equipment	G	0	6.
7.	Other Costs	H	0	7.
8.	Project Contingencies		10% 5,104	8.
9.	SUBTOTAL (Lines 1-8)	SUBTOTAL	69,100	9.
10.	Amount of Line 9 provided by Federal Grants		0	10.
11.	Amount of Line 9 provided by Other State Agencies		0	11.
12.	Amount of Line 9 provided by Applicant		34,550	12.
13.	Amount of Existing ADEC Grant		0	13.
14.	Amount of Line 9 Currently Requested from ADEC		34,550	14.
	INELIGIBLE COSTS			
15.	Land and Easement Acquisition Costs[3]		691	15.
16.	Purchase of Private Utilities		0	16.
17.	Interest and Finance Charges		4,146	17.
18.	Formation Costs of Local Improvement Districts		0	18.
19.	Comprehensive Plans and Feasibility Studies		0	19.
20.	Grant Application Preparation Costs (& Other ineligible costs)		3,363	20.
21.	SUBTOTAL (Lines 15-20)	SUBTOTAL	8,200	21.
22.	TOTAL PROJECT COSTS (Lines 9 plus 21)	TOTAL	77,300	22.

1. Eligibility of these expenses is limited to costs incurred by the applicant as a direct result of the project. Salaries of existing staff working normally scheduled hours are not grant eligible.

2. With prior approval, the costs of engineering design, construction management, and actual construction performed in-house are grant eligible. Force account rates must be approved by the Department prior to the State grant offer. Force account work performed more than 120 days prior to a State grant offer is not eligible for grant funding. Requests for approval of force account rates must be supported by Attachment D. Construction Grant Regulations 18 AAC 73.010 (g)(2) establishes specific force account procedures and eligibilities.

3. The cost of land when used as an integral part of a treatment process, such as spray irrigation, and solid waste landfill sites may be considered grant eligible. These costs should appear under line 7 Other Costs (above) and must be supported by Attachment H.


West 44th Place
Grid 1828/4634
1"= 500'
Legend:
Existing sewer
Proposed sewer
N
CLEVELAND Ave
MC KINLEY Ave
LINCOLN Ave
JEFFERSON Ave
ROOSEVELT Dr
W 43rd Ct
W 45th Ave
W 46th Ave
W 47th Ave
W 48th Ave
RAILROAD
HARDING
TR 1E
TR 6A
TR 2B
NORTHWOOD SCHOOL
SPENARD Rd
TURNAGAIN BLVD
MELVIN
MALIBU
TUNDRA Court
GREENLAND
Attachment B

(10)

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Municipality: Municipality of Anchorage

Applicant Mailing Address: 3000 Arctic Boulevard
Anchorage, Alaska 99504

Application Prepared by: Robert E. Smith

Title: General Manager

Type of Application: XX Initial _____ Revised

Type of Project _____ Water XX Sewerage _____ Solid Waste

Project Descriptive Title: C-3 Sewer Trunk - North of Sand Lake S82(10)3524

Number of Lots 14 and Persons 49 benefitting from this project.

Estimated Construction Period: June 1982 Start June 1983 Finish

Amount of State Grant Funds Requested from ADEC: $~~151,650~~ 150,900

Source of Applicant's Funding for Project: G.O. Bonds

The applicant, through it's authorized representative, certifies that to the best of its knowledge and belief that the data contained in this application is true and correct and that all titles and easements necessary to provide clear title or authority to construct and maintain the proposed project shall be obtained. Failure to comply with this certification will be cause for the Department to withhold a grant award or withdraw a grant offer that may have been extended.

Robert E. Smith	General Manager	July 7, 1982
Typed Name	Title	Date

Robert E Smith

Signature

Narrative

C-3 Sewer Trunk
-North of Sand Lake

City Grid: 2125
Zoning: R-1 Single Family Residential

Projected development north and westerly of Sand Lake, failure of existing on-site wastewater disposal systems due to high water tables and the expense of operating a lift station and force main prompt the design/construction of the C-3 Sanitary Sewer Trunk (North). The impetus behind this project is the potential of eliminating the need for Pump Station No. 20 by finding a gravity flow replacement system. If after exploring and exhausting possibilities for a gravity system it is found infeasible, attention will be directed toward upgrading and possibly relocating the pump station facility.

A very preliminary alignment of the trunk has already been suggested and is illustrated on the attached map. This alignment includes the installation of nearly 1425 linear feet of 16-inch diameter ductile iron pipe, the basis on which we've estimated project costs.

Attachment A

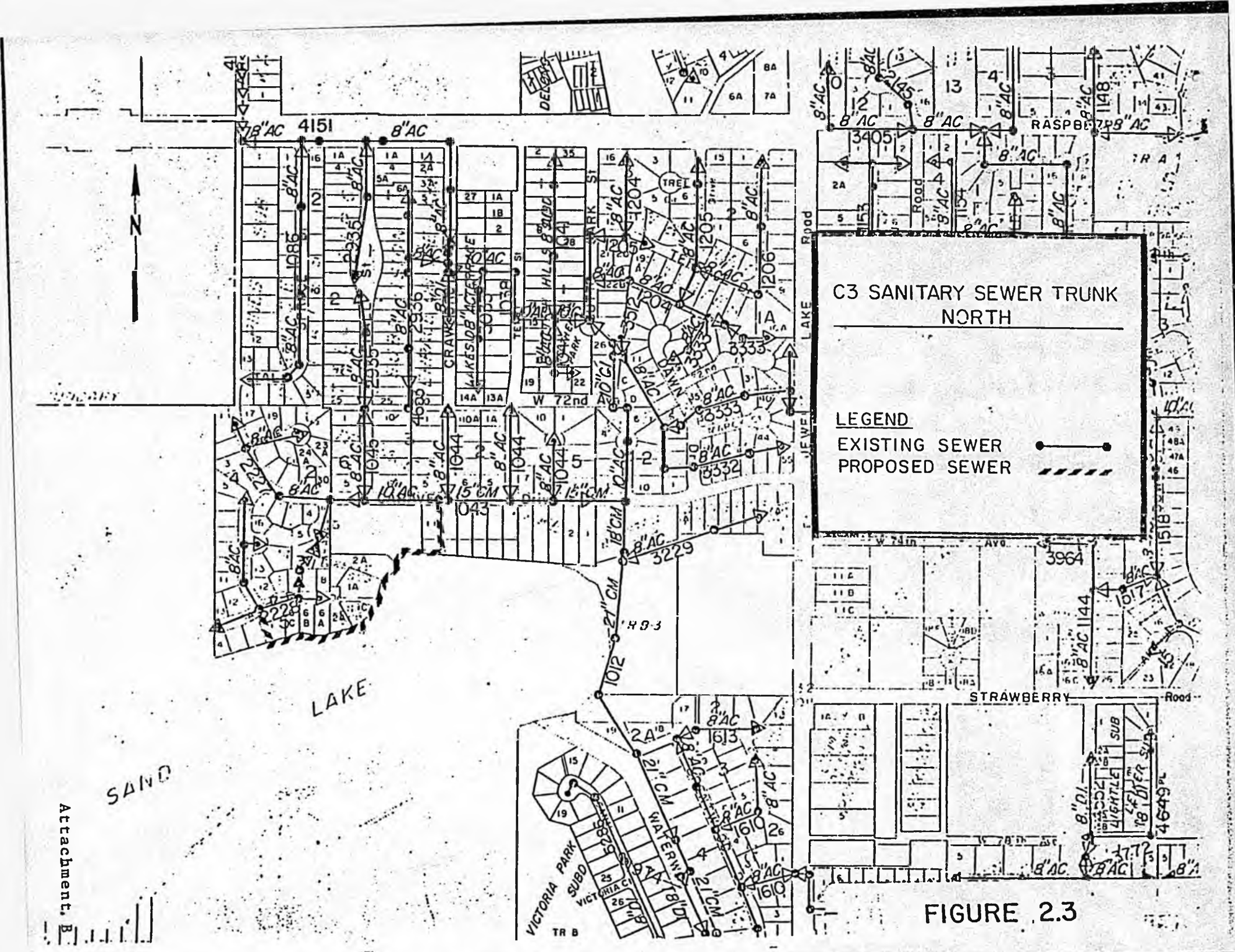


FIGURE 2.3

Attachment B

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Municipality: Municipality of Anchorage

Applicant Mailing Address: 3000 Arctic Boulevard
Anchorage, Alaska 99504

Application Prepared by: Robert E. Smith

Title: Acting General Manager

Type of Application: XX Initial ____ Revised

Type of Project XX Water ____ Sewerage ____ Solid Waste

Project Descriptive Title: Dowling Road, 16-inch Waterline
W81(13)3430

Number of Lots Commercial Property n/a and Persons n/a benefitting from this project.

Estimated Construction Period: Oct. 1981 Start March 1983 Finish

Amount of State Grant Funds Requested from ADEC: $ 100,950

Source of Applicant's Funding for Project: Revenue Bonds

The applicant, through it's authorized representative, certifies that to the best of its knowledge and belief that the data contained in this application is true and correct and that all titles and easements necessary to provide clear title or authority to construct and maintain the proposed project shall be obtained. Failure to comply with this certification will be cause for the Department to withhold a grant award or withdraw a grant offer that may have been extended.

Robert E. Smith	Acting General Manager	11-4-81
Typed Name	Title	Date

Robert E Smith
Signature

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

COST SUMMARY

	COST CLASSIFICATION	ATTACHMENT REQUIRED	TOTAL ESTIMATED PROJECT COSTS	
	ELIGIBLE COSTS	Note: Attachments A B & C are required for for all projects	$93/cf	
1.	Administrative Expenses[1]		1.9% 2,895	1.
2.	Legal Expenses[1]		0.5% 745	2.
3.	Engineering Design Fees[2]	D or E	17,888 12%	3.
4.	Project Inspection and Surveying[2]	D or E	16,397 11%	4.
5.	Construction[2]	D or F	149,068	5.
6.	Equipment	G	0	6.
7.	Other Costs	H	0	7.
8.	Project Contingencies		10% 14,907	8.
9.	SUBTOTAL (Lines 1-8)	SUBTOTAL	201,900	9.
10.	Amount of Line 9 provided by Federal Grants		0	10.
11.	Amount of Line 9 provided by Other State Agencies		0	11.
12.	Amount of Line 9 provided by Applicant		100,950	12.
13.	Amount of Existing ADEC Grant		0	13.
14.	Amount of Line 9 Currently Requested from ADEC		100,950	14.
	INELIGIBLE COSTS			
15.	Land and Easement Acquisition Costs[3]		1,991	15.
16.	Purchase of Private Utilities		0	16.
17.	Interest and Finance Charges		12,114	17.
18.	Formation Costs of Local Improvement Districts		0	18.
19.	Comprehensive Plans and Feasibility Studies		0	19.
20.	Grant Application Preparation Costs		10,095	20.
21.	SUBTOTAL (Lines 15-20)	SUBTOTAL	24,200	21.
22.	TOTAL PROJECT COSTS (Lines 9 plus 21)	TOTAL	226,100	22.

1. Eligibility of these expenses is limited to costs incurred by the applicant as a direct result of the project. Salaries of existing staff working normally scheduled hours are not grant eligible.

2. With prior approval, the costs of engineering design, construction management, and actual construction performed in-house are grant eligible. Force account rates must be approved by the Department prior to the State grant offer. Force account work performed more than 120 days prior to a State grant offer is not eligible for grant funding. Requests for approval of force account rates must be supported by Attachment D. Construction Grant Regulations 18 AAC 73.010 (a)(2) establishes specific force account procedures and eligibilities.

3. The cost of land when used as an integral part of a treatment process, such as spray irrigation, and solid waste landfill sites may be considered grant eligible. These costs should appear under line 7 Other Costs (above) and must be supported by Attachment H.

PROJECT NARRATIVE

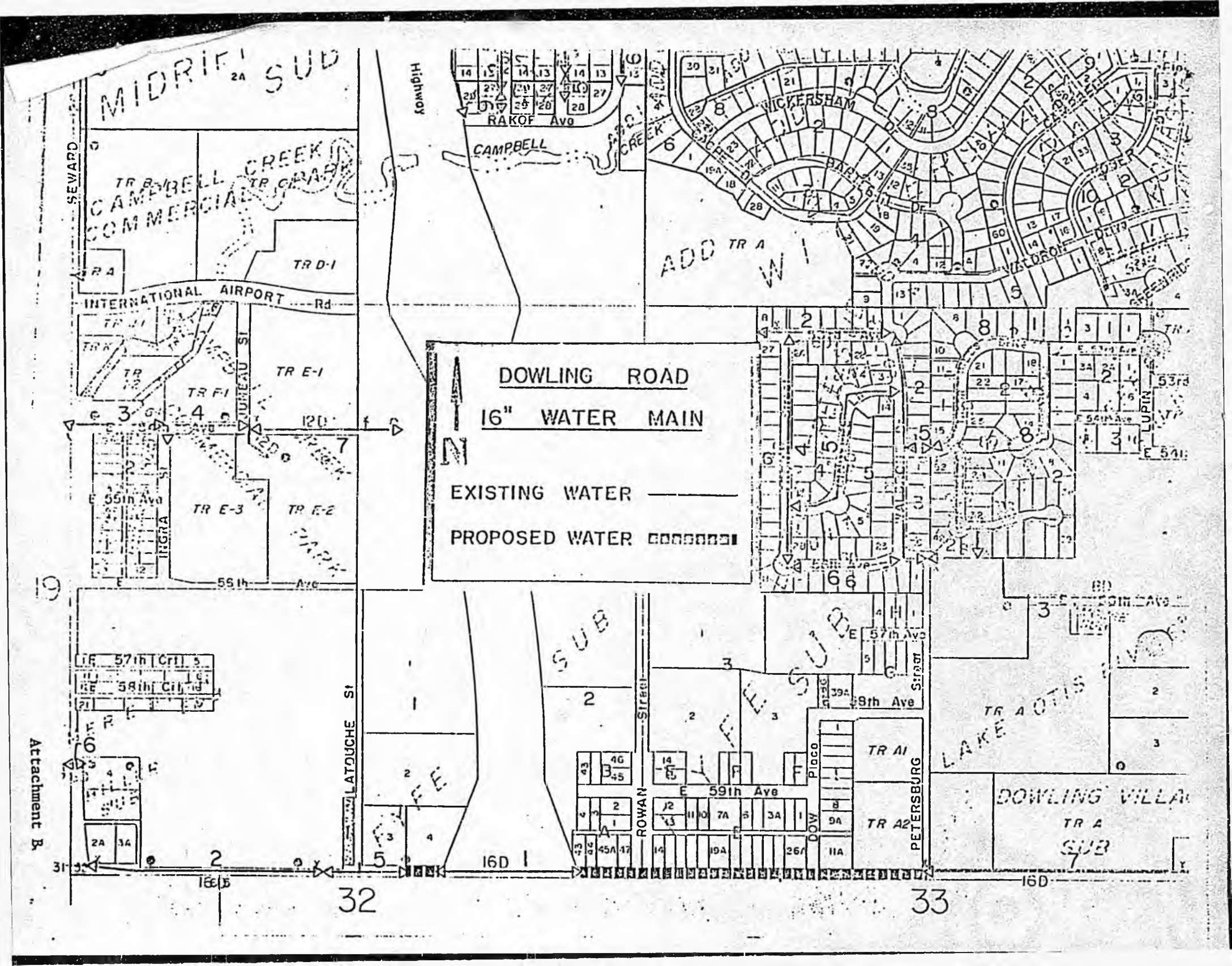
DOWLING 16-INCH WATERLINE-GREENWOOD STREET TO PETERSBURG STREET

The Anchorage Water and Sewer Utilities are presently expanding their system into the southern part of its service area. The Lake Otis Road 16-inch waterline, installed to Abbott Road during the 1981 construction season, is now providing water and fire protection service to that area. In order to provide better fire protection and an interconnected system, another feedline is necessary.

The necessity of this line was foreseen when the New Seward Highway was designed. A 16-inch ductile iron waterline was installed in conjunction with the highway construction. This crossing was plugged at both ends until such time as the waterlines in the area were extended. This project will connect the waterline on Dowling Road to the west of the New Seward Highway, under the highway, and to the waterline on Dowling Road at Petersburg Street. A Pressure Reducing Valve (PRV) will also be installed to forstall any problems associated with this project crossing a pressure zone boundary.

In addition to completing the grid loop system for this portion of the southern water system, this project will make water and fire protection services available to this rapidly developing commercial/industrial area of the Anchorage Bowl.

Attachment A


DOWLING ROAD
16" WATER MAIN
EXISTING WATER
PROPOSED WATER
MIDRIFT SUB
SEWARD
Highway
RAKOF Ave
CAMPBELL
CAMPBELL CREEK
TR B CAMPBELL CREEK COMMERCIAL
TR D-1
INTERNATIONAL AIRPORT Rd
TR E-1
TR F1
TR E-3
TR E-2
E 55th Ave
E 56th Ave
E 57th Ave
E 57th Cir
E 58th Cir
E 59th Ave
E 60th Ave
E 61st
9th Ave
LATOUCHE St
ROWAN Street
PETERSBURG
LUPIN
WICKERSHAM
ADD TR A
TR A1
TR A2
TR A OTIS LAKE
DOWLING VILLAGE
TR A
SUB
16D
32
33
Attachment B

INACTIVE WELL
BOOSTER PUMP
PRV
RESERVOIR
PRESSURE BOUNDRY

N

TRANS-ALASKA LIGHTED

Attachment B

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Municipality: Municipality of Anchorage

Applicant Mailing Address: 3000 Arctic Boulevard
Anchorage, Alaska 99504

Application Prepared by: Robert E. Smith

Title: General Manager

Type of Application: XX Initial _____ Revised

Type of Project XX Water _____ Sewerage _____ Solid Waste

Project Descriptive Title: Broadmoor Estates 8" Watermain

W82(9)3430

Number of Lots 6 and Persons 21 benefitting from this project.

Estimated Construction Period: March 1982 Start June 1983 Finish

Amount of State Grant Funds Requested from ADEC: $ 14,000

Source of Applicant's Funding for Project: Public Works Special State Legislative Appropriation

The applicant, through it's authorized representative, certifies that to the best of its knowledge and belief that the data contained in this application is true and correct and that all titles and easements necessary to provide clear title or authority to construct and maintain the proposed project shall be obtained. Failure to comply with this certification will be cause for the Department to withhold a grant award or withdraw a grant offer that may have been extended.

Robert E. Smith	General Manager	April 30, 1982
Typed Name	Title	Date

Robert E. Smith

Signature

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

COST SUMMARY

	COST CLASSIFICATION	ATTACHMENT REQUIRED	TOTAL ESTIMATED PROJECT COSTS	
	ELIGIBLE COSTS	Note: Attachments A B & C are required for for all projects	$68.90/LF	
1.	Administrative Expenses[1]		2% 407	1.
2.	Legal Expenses[1]		1.5% 103	2.
3.	Engineering Design Fees[2]	D or E	12% 2,480	3.
4.	Project Inspection and Surveying[2]	D or E	11% 2,273	4.
5.	Construction[2]	D or F	20,670	5.
6.	Equipment	G	0	6.
7.	Other Costs	H	0	7.
8.	Project Contingencies		10% 2,067	8.
9.	SUBTOTAL (Lines 1-8)	SUBTOTAL	28,000	9.
10.	Amount of Line 9 provided by Federal Grants		0	10.
11.	Amount of Line 9 provided by Other State Agencies		0	11.
12.	Amount of Line 9 provided by Applicant		14,000	12.
13.	Amount of Existing ADEC Grant		0	13.
14.	Amount of Line 9 Currently Requested from ADEC		14,000	14.
	INELIGIBLE COSTS			
15.	Land and Easement Acquisition Costs[3]		280	15.
16.	Purchase of Private Utilities		0	16.
17.	Interest and Finance Charges		1,680	17.
18.	Formation Costs of Local Improvement Districts		0	18.
19.	Comprehensive Plans and Feasibility Studies		0	19.
20.	Grant Application Preparation Costs (and other ineligible		1,340	20.
21.	SUBTOTAL (Lines 15-20) Costs)	SUBTOTAL	3,300	21.
22.	TOTAL PROJECT COSTS (Lines 9 plus 21)	TOTAL	31,300	22.

1. Eligibility of these expenses is limited to costs incurred by the applicant as a direct result of the project. Salaries of existing staff working normally scheduled hours are not grant eligible.

2. With prior approval, the costs of engineering design, construction management, and actual construction performed in-house are grant eligible. Force account rates must be approved by the Department prior to the State grant offer. Force account work performed more than 120 days prior to a State grant offer is not eligible for grant funding. Requests for approval of force account rates must be supported by Attachment D. Construction Grant Regulations 18 AAC 73.010 (g)(2) establishes specific force account procedures and eligibilities.

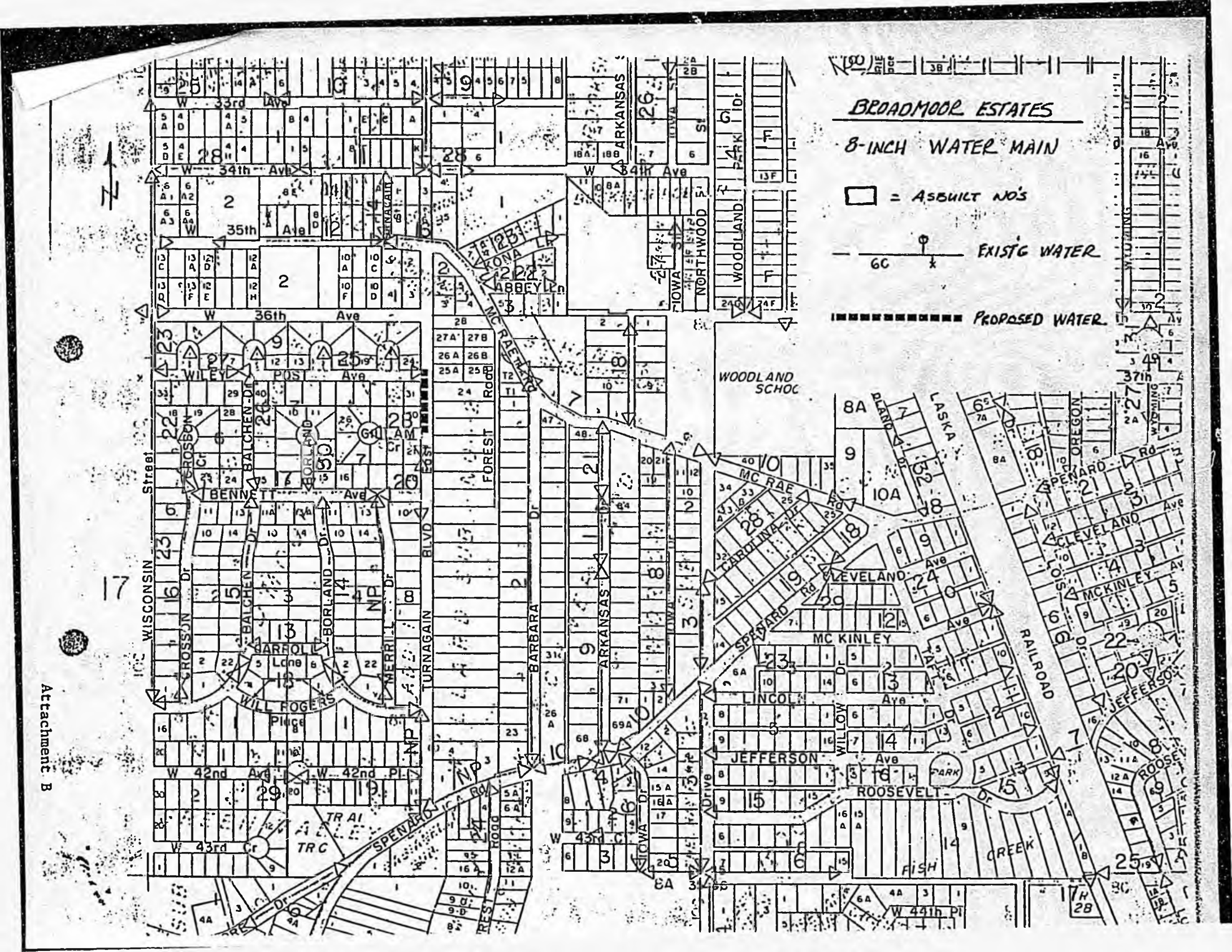
3. The cost of land when used as an integral part of a treatment process, such as spray irrigation, and solid waste landfill sites may be considered grant eligible. These costs should appear under line 7 Other Costs (above) and must be supported by Attachment H.

NARRATIVE

BROADMOOR ESTATES 8-INCH WATERMAIN

Broadmoor Estates 8-inch watermain (AWWU) in-house design shall be constructed in conjunction with Public Works Road, Sanitary Sewer and Storm Drain Improvements. The project shall consist of approximately 300 linear feet of 8-inch ductile iron pipe with appurtenances.

The construction of this 8-inch main located within the right-of-way of Turnagain Boulevard shall complete a looped system and bolster fire flows within the area.



Attachment B

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Municipality: Municipality of Anchorage

Applicant Mailing Address: 3000 Arctic Boulevard
Anchorage, Alaska 99504

Application Prepared by: Robert E. Smith

Title: General Manager

Type of Application: XX Initial ____ Revised

Type of Project XX Water ____ Sewerage ____ Solid Waste

Project Descriptive Title: Barbara Street Watermain Extension

W82(10)3430

Number of Lots 21 and Persons 73 benefitting from this project.

Estimated Construction Period: April 1982 Start June 1983 Finish

Amount of State Grant Funds Requested from ADEC: $ 55,150

Source of Applicant's Funding for Project: Public Works Special State Legislative Appropriation

The applicant, through it's authorized representative, certifies that to the best of its knowledge and belief that the data contained in this application is true and correct and that all titles and easements necessary to provide clear title or authority to construct and maintain the proposed project shall be obtained. Failure to comply with this certification will be cause for the Department to withhold a grant award or withdraw a grant offer that may have been extended.

Robert E. Smith	General Manager	April 30, 1982
Typed Name	Title	Date

Robert E. Smith

Signature

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

COST SUMMARY

	COST CLASSIFICATION	ATTACHMENT REQUIRED	TOTAL ESTIMATED PROJECT COSTS	
	ELIGIBLE COSTS	Note: Attachments A B & C are required for for all projects	$58.18/LF	
1.	Administrative Expenses[1]		2% 1,565	1.
2.	Legal Expenses[1]		0.5% 407	2.
3.	Engineering Design Fees[2]	D or E	12% 9,774	3.
4.	Project Inspection and Surveying[2]	D or E	11% 8,959	4.
5.	Construction[2]	D or F	81,450	5.
6.	Equipment	G	0	6.
7.	Other Costs	H	0	7.
8.	Project Contingencies		10% 8,145	8.
9.	SUBTOTAL (Lines 1-8)	SUBTOTAL	110,300	9.
10.	Amount of Line 9 provided by Federal Grants		0	10.
11.	Amount of Line 9 provided by Other State Agencies		0	11.
12.	Amount of Line 9 provided by Applicant		55,150	12.
13.	Amount of Existing ADEC Grant		0	13.
14.	Amount of Line 9 Currently Requested from ADEC		55,150	14.
	INELIGIBLE COSTS			
15.	Land and Easement Acquisition Costs[3]		1,103	15.
16.	Purchase of Private Utilities		0	16.
17.	Interest and Finance Charges		6,618	17.
18.	Formation Costs of Local Improvement Districts		0	18.
19.	Comprehensive Plans and Feasibility Studies		0	19.
20.	Grant Application Preparation Costs (and other ineligible costs)		5,479	20.
21.	SUBTOTAL (Lines 15-20)	SUBTOTAL	13,200	21.
22.	TOTAL PROJECT COSTS (Lines 9 plus 21)	TOTAL	123,500	22.

1. Eligibility of these expenses is limited to costs incurred by the applicant as a direct result of the project. Salaries of existing staff working normally scheduled hours are not grant eligible.

2. With prior approval, the costs of engineering design, construction management, and actual construction performed in-house are grant eligible. Force account rates must be approved by the Department prior to the State grant offer. Force account work performed more than 120 days prior to a State grant offer is not eligible for grant funding. Requests for approval of force account rates must be supported by Attachment D. Construction Grant Regulations 18 AAC 73.010 (g)(2) establishes specific force account procedures and eligibilities.

3. The cost of land when used as an integral part of a treatment process, such as spray irrigation, and solid waste landfill sites may be considered grant eligible. These costs should appear under line 7 Other Costs (above) and must be supported by Attachment H.

NARRATIVE

BARBARA STREET WATERMAIN EXTENSION

City Grid: 1627
Zoning: R-1, R-2 and R-2D

Public Works plans to improve streets in the Spenard Area with construction work scheduled to begin in late summer 1982. Prior to the street improvement, i.e. paving, AWWU proposes extending watermains into unserved areas affected by the street project. The area to be served with water includes 21 lots in low density urban and suburban multi-family residential districts.

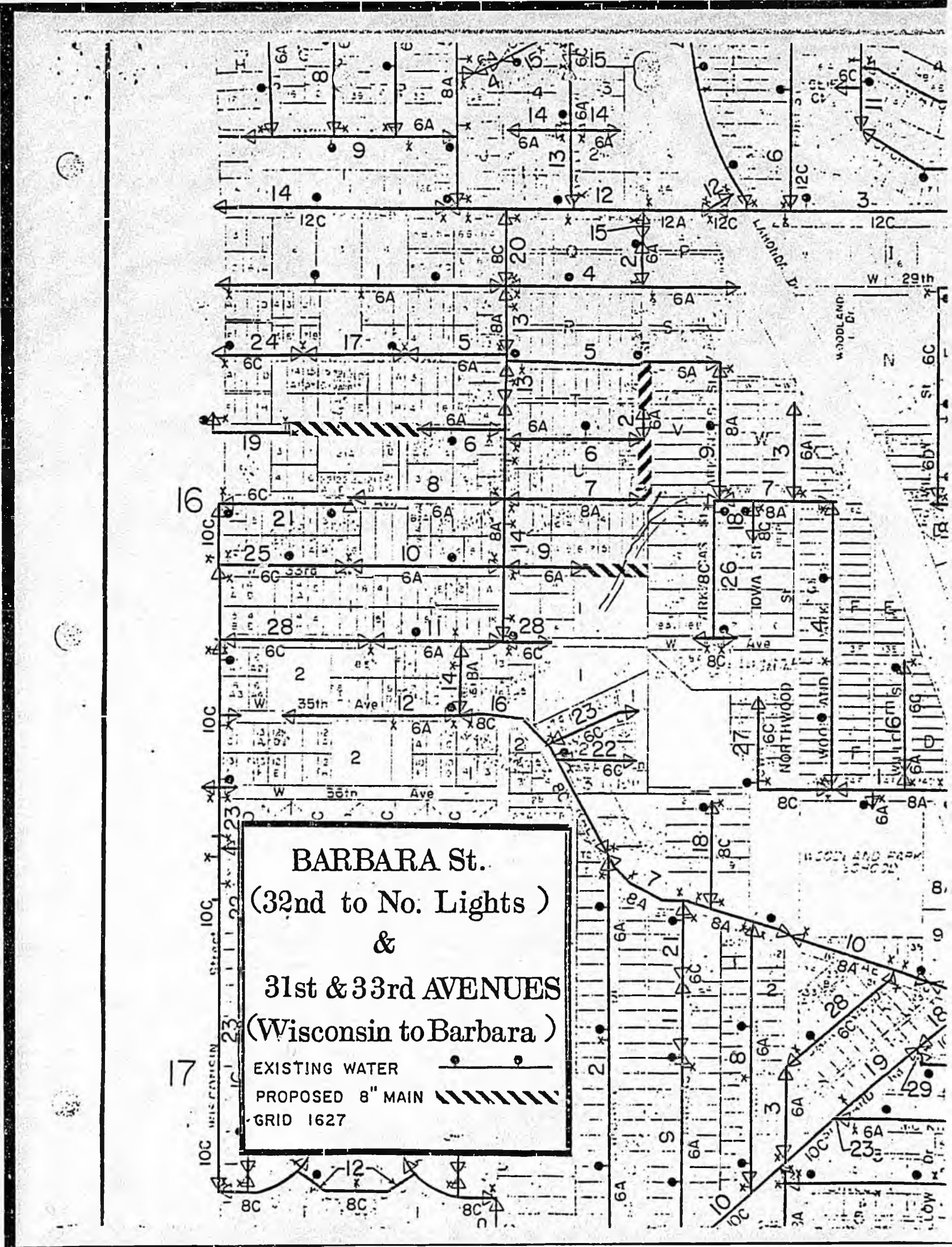
The watermain extension includes design/construction of approximately 1400 linear feet of 8-inch Ductile Iron Pipe.

1) 600 L.F. of 8-inch D.I.P. in West 31st Avenue between Wisconsin Street and Barbara Street;

2) 300 L.F. of 8-inch D.I.P. in West 33rd Avenue between Wisconsin Street and Barbara Street; and

3) 500 L.F. of 8-inch D.I.P. in Barbara Street between 32nd Avenue and Northern Lights Boulevard.

The extensions will provide domestic service, loop existing water systems and offer improved fire protection capabilities.


BARBARA St.
(32nd to No. Lights)
&
31st & 33rd AVENUES
(Wisconsin to Barbara)
EXISTING WATER
PROPOSED 8" MAIN
GRID 1627
W 29th
W 35th Ave
W 36th Ave
IOWA St
NORTHWOOD
16
17

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Municipality: Municipality of Anchorage

Applicant Mailing Address: 3000 Arctic Boulevard
Anchorage, Alaska 99504

Application Prepared by: Robert E. Smith

Title: General Manager

Type of Application: XX Initial _____ Revised

Type of Project XX Water _____ Sewerage _____ Solid Waste

Project Descriptive Title: 10/11 Alley "N" to "P" Streets Watermain
W82(11)3430

Number of Lots 26 and Persons 91 benefitting from this project.

Estimated Construction Period: April 1982 Start June 1983 Finish

Amount of State Grant Funds Requested from ADEC: $ 50,150

Source of Applicant's Funding for Project: Revenue Bonds

The applicant, through it's authorized representative, certifies that to the best of its knowledge and belief that the data contained in this application is true and correct and that all titles and easements necessary to provide clear title or authority to construct and maintain the proposed project shall be obtained. Failure to comply with this certification will be cause for the Department to withhold a grant award or withdraw a grant offer that may have been extended.

Robert E. Smith	General Manager	April 30, 1982
Typed Name	Title	Date

Robert E. Smith

Signature

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

COST SUMMARY

	COST CLASSIFICATION	ATTACHMENT REQUIRED	TOTAL ESTIMATED PROJECT COSTS	
	ELIGIBLE COSTS	Note: Attachments A B & C are required for for all projects	$105.84/LF	
1.	Administrative Expenses[1]		2% 1,394	1.
2.	Legal Expenses[1]		0.5% 370	2.
3.	Engineering Design Fees[2]	D or E	12% 8,890	3.
4.	Project Inspection and Surveying[2]	D or E	11% 8,149	4.
5.	Construction[2]	D or F	74,089	5.
6.	Equipment	G	0	6.
7.	Other Costs	H	0	7.
8.	Project Contingencies		10% 7,408	8.
9.	SUBTOTAL (Lines 1-8)	SUBTOTAL	100,300	9.
10.	Amount of Line 9 provided by Federal Grants		0	10.
11.	Amount of Line 9 provided by Other State Agencies		0	11.
12.	Amount of Line 9 provided by Applicant		50,150	12.
13.	Amount of Existing ADEC Grant		0	13.
14.	Amount of Line 9 Currently Requested from ADEC		50,150	14.
	INELIGIBLE COSTS			
15.	Land and Easement Acquisition Costs[3]		1,003	15.
16.	Purchase of Private Utilities		0	16.
17.	Interest and Finance Charges		6,018	17.
18.	Formation Costs of Local Improvement Districts		0	18.
19.	Comprehensive Plans and Feasibility Studies		0	19.
20.	Grant Application Preparation Costs (and other ineligible		4,979	20.
21.	SUBTOTAL (Lines 15-20) costs)	SUBTOTAL	12,000	21.
22.	TOTAL PROJECT COSTS (Lines 9 plus 21)	TOTAL	112,300	22.

1. Eligibility of these expenses is limited to costs incurred by the applicant as a direct result of the project. Salaries of existing staff working normally scheduled hours are not grant eligible.

2. With prior approval, the costs of engineering design, construction management, and actual construction performed in-house are grant eligible. Force account rates must be approved by the Department prior to the State grant offer. Force account work performed more than 120 days prior to a State grant offer is not eligible for grant funding. Requests for approval of force account rates must be supported by Attachment D. Construction Grant Regulations 18 AAC 73.010 (g)(2) establishes specific force account procedures and eligibilities.

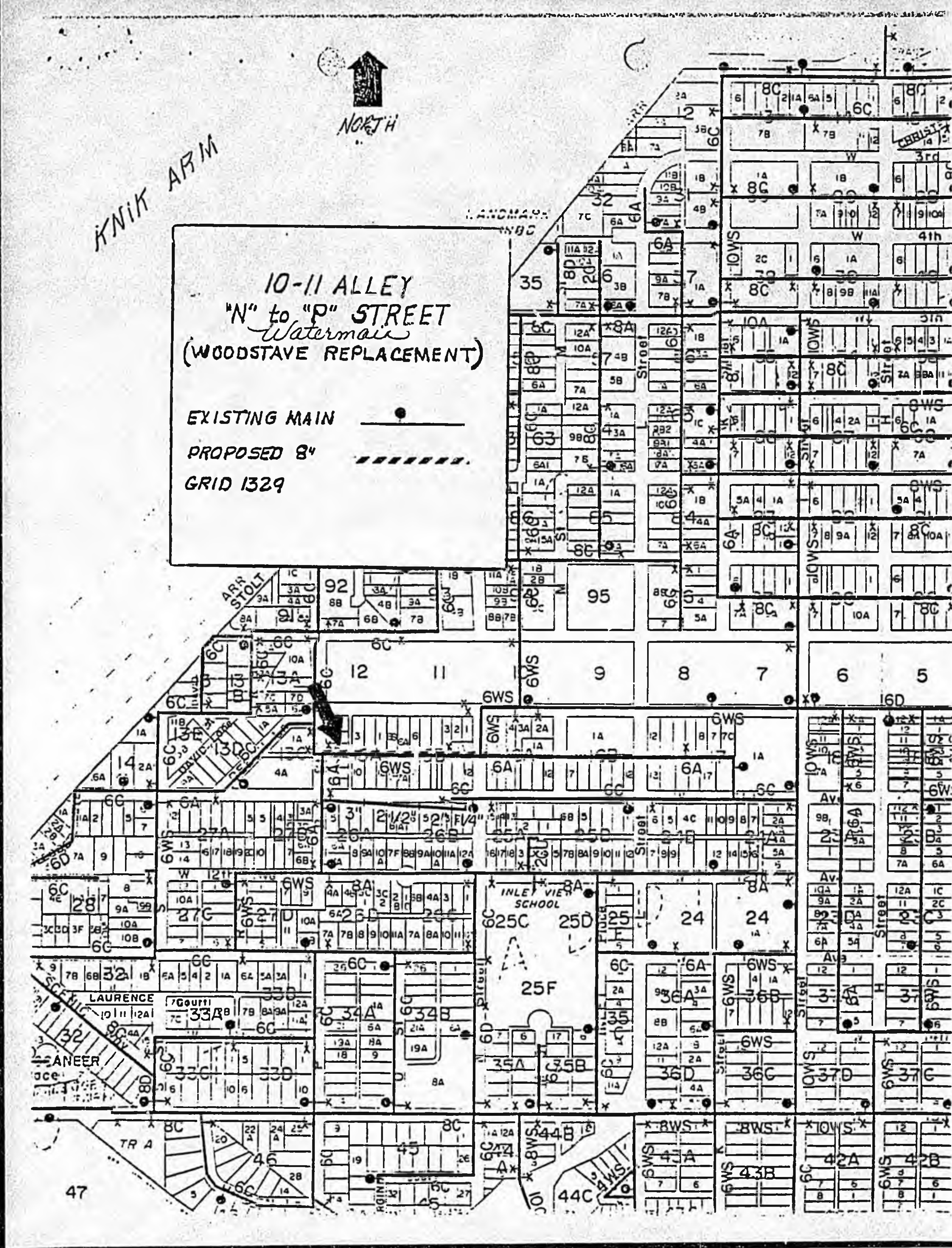
3. The cost of land when used as an integral part of a treatment process, such as spray irrigation, and solid waste landfill sites may be considered grant eligible. These costs should appear under line 7 Other Costs (above) and must be supported by Attachment H.

NARRATIVE

10/11 Alley - "N" to "P" Streets Watermain

This project consists of replacing approximately 700 linear feet of deteriorating 6-inch woodstave watermain with 8" Ductile Iron. The replacement will improve the transmission grids in the affected area by increasing the main size to meet expanding water needs and decreasing maintenance costs.

$$\left(\frac{4^2-3^2}{4^2}\right)(\$100,300)(0.50) \approx \$21,940$$


10-11 ALLEY
"N" to "P" STREET
Watermain
(WOODSTAVE REPLACEMENT)
EXISTING MAIN
PROPOSED 8"
GRID 1329
NORTH
KNIK ARM
INLET VIEW SCHOOL
LAURENCE
47

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Municipality: Municipality of Anchorage

Applicant Mailing Address: 3000 Arctic Boulevard
Anchorage, Alaska 99504

Application Prepared by: Robert E. Smith

Title: General Manager

Type of Application: XX Initial _____ Revised

Type of Project XX Water _____ Sewerage _____ Solid Waste

Project Descriptive Title: Manor Street 8" Watermain

W82(13)3430

Number of Lots 14 and Persons 49 benefitting from this project.

Estimated Construction Period: April 1982 Start June 1983 Finish

Amount of State Grant Funds Requested from ADEC: $ ~~64,750~~ $28,328

Source of Applicant's Funding for Project: Operational Construction

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The applicant, through it's authorized representative, certifies that to the best of its knowledge and belief that the data contained in this application is true and correct and that all titles and easements necessary to provide clear title or authority to construct and maintain the proposed project shall be obtained. Failure to comply with this certification will be cause for the Department to withhold a grant award or withdraw a grant offer that may have been extended.

Robert E. Smith	General Manager	May 10, 1982
Typed Name	Title	Date

Robert E. Smith

Signature

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

COST SUMMARY

	COST CLASSIFICATION	ATTACHMENT REQUIRED	TOTAL ESTIMATED PROJECT COSTS	
	ELIGIBLE COSTS	Note: Attachments A B & C are required for for all projects	$173.84/LF	
1.	Administrative Expenses[1]		2% 1,858	1.
2.	Legal Expenses[1]		0.5% 478	2.
3.	Engineering Design Fees[2]	D or E	12% 11,473	3.
4.	Project Inspection and Surveying[2]	D or E	11% 10,517	4.
5.	Construction[2]	D or F	95,613	5.
6.	Equipment	G	0	6.
7.	Other Costs	H	0	7.
8.	Project Contingencies		10% 9,561	8.
9.	SUBTOTAL (Lines 1-8)	SUBTOTAL	129,500	9.
10.	Amount of Line 9 provided by Federal Grants		0	10.
11.	Amount of Line 9 provided by Other State Agencies		0	11.
12.	Amount of Line 9 provided by Applicant		64,750	12.
13.	Amount of Existing ADEC Grant		0	13.
14.	Amount of Line 9 Currently Requested from ADEC		64,750	14.
	INELIGIBLE COSTS			
15.	Land and Easement Acquisition Costs[3]		1,295	15.
16.	Purchase of Private Utilities		0	16.
17.	Interest and Finance Charges		7,770	17.
18.	Formation Costs of Local Improvement Districts		0	18.
19.	Comprehensive Plans and Feasibility Studies		0	19.
20.	Grant Application Preparation Costs		6,435	20.
21.	SUBTOTAL (Lines 15-20)	SUBTOTAL	15,500	21.
22.	TOTAL PROJECT COSTS (Lines 9 plus 21)	TOTAL	145,000	22.

1. Eligibility of these expenses is limited to costs incurred by the applicant as a direct result of the project. Salaries of existing staff working normally scheduled hours are not grant eligible.

2. With prior approval, the costs of engineering design, construction management, and actual construction performed in-house are grant eligible. Force account rates must be approved by the Department prior to the State grant offer. Force account work performed more than 120 days prior to a State grant offer is not eligible for grant funding. Requests for approval of force account rates must be supported by Attachment D. Construction Grant Regulations 18 AAC 73.010 (g)(2) establishes specific force account procedures and eligibilities.

3. The cost of land when used as an integral part of a treatment process, such as spray irrigation, and solid waste landfill sites may be considered grant eligible. These costs should appear under line 7 Other Costs (above) and must be supported by Attachment H.

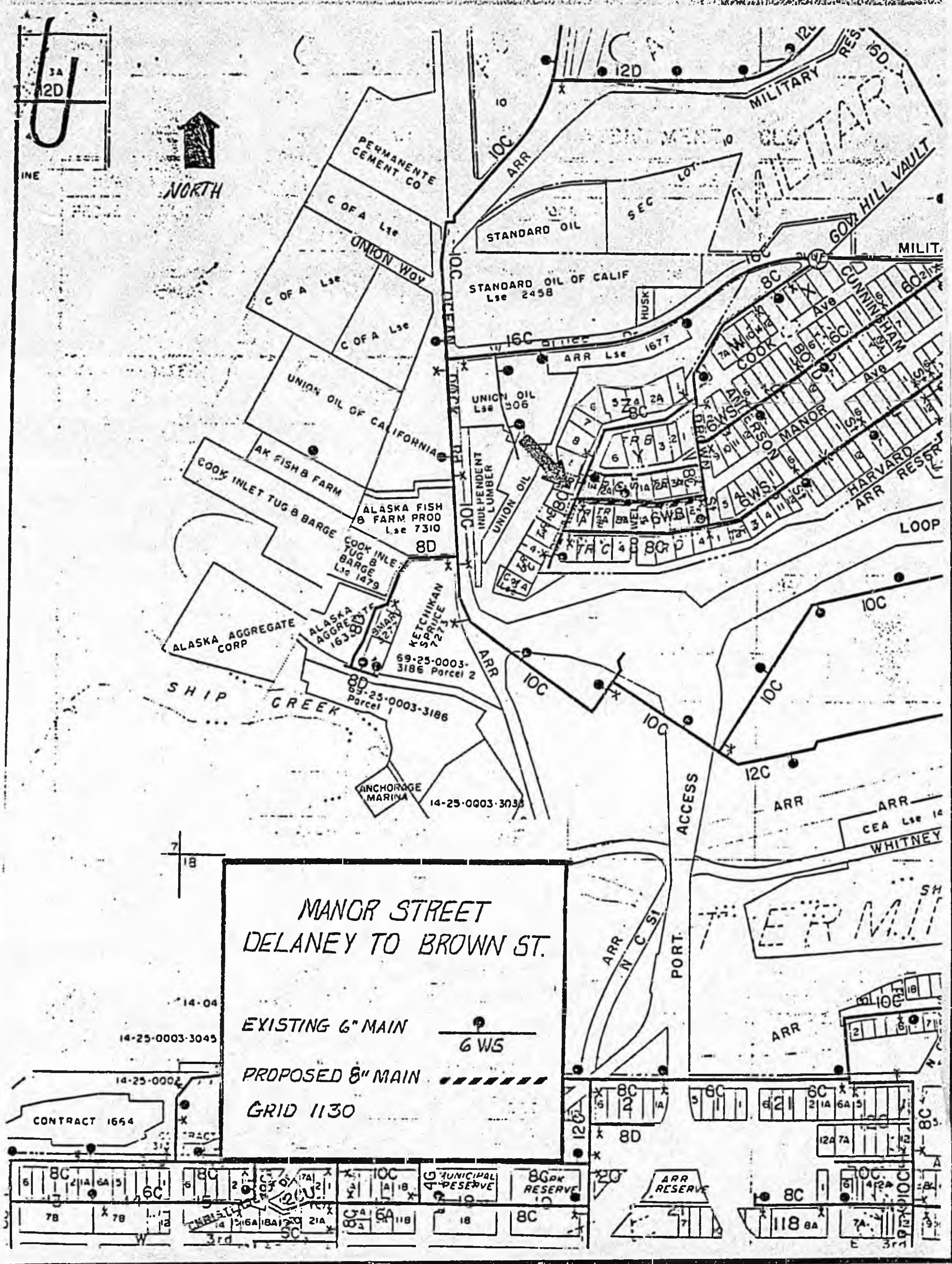
NARRATIVE

Manor Street 8-Inch Watermain

This project consists of installing approximately 550 linear feet of 8-inch ductile iron pipe in replacement of deteriorating 6-inch woodstave watermain from Delaney Street to Brown Street. The replacement will improve the transmission grids in the affected area by increasing the main size to meet expanding water needs and decreasing maintenance costs.

$$\left(\frac{4^2-3^2}{4^2}\right)\left(\$129,500\right)(0.5) = \$28,328.00$$

↑ STATE GRANT OFFER


MANOR STREET
DELANEY TO BROWN ST.
EXISTING 6" MAIN
6 WS
PROPOSED 8" MAIN
GRID 1130
NORTH
PERMANENTE CEMENT CO
C OF A Lse
UNION Way
STANDARD OIL
STANDARD OIL OF CALIF Lse 2458
UNION OIL OF CALIFORNIA
UNION OIL Lse 506
ARR Lse 1677
AK FISH & FARM
COOK INLET TUG & BARGE
ALASKA FISH & FARM PROD Lse 7310
COOK INLET TUG & BARGE Lse 1479
INDEPENDENT LUMBER
UNION OIL
ALASKA AGGREGATE CORP
KETCHIKAN SPRUCE
69-25-0003-3186 Parcel 2
69-25-0003-3186 Parcel 1
SHIP CREEK
ANCHORAGE MARINA
14-25-0003-3035
14-25-0003-3045
CONTRACT 1654
MILITARY RES
GOV. HILL VAULT
CUNNINGHAM
COOK
ANDERSON
MANOR
HARVARD
ARR RESERVE
LOOP
PORT ACCESS
CEA Lse
WHITNEY
MUNICIPAL RESERVE
PK RESERVE
ARR RESERVE
3rd

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Municipality: Municipality of Anchorage

Applicant Mailing Address: 3000 Arctic Boulevard
Anchorage, Alaska 99504

Application Prepared by: Robert E. Smith

Title: General Manager

Type of Application: XX Initial _____ Revised

Type of Project XX Water _____ Sewerage _____ Solid Waste

Project Descriptive Title: West 44th Place Watermain Extension

W82(15)3430

Number of Lots 13 and Persons 66 benefitting from this project.

Estimated Construction Period: May 1982 Start June 1983 Finish

Amount of State Grant Funds Requested from ADEC: $ 25,650

Source of Applicant's Funding for Project: Revenue Bonds

The applicant, through it's authorized representative, certifies that to the best of its knowledge and belief that the data contained in this application is true and correct and that all titles and easements necessary to provide clear title or authority to construct and maintain the proposed project shall be obtained. Failure to comply with this certification will be cause for the Department to withhold a grant award or withdraw a grant offer that may have been extended.

Robert E. Smith	General Manager	June 16, 1982
Typed Name	Title	Date

Robert E Smith

Signature

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

COST SUMMARY

	COST CLASSIFICATION	ATTACHMENT REQUIRED	TOTAL ESTIMATED PROJECT COSTS	
	ELIGIBLE COSTS	Note: Attachments A B & C are required for for all projects	$49.42 LF	
1.	Administrative Expenses[1]		20% 708	1.
2.	Legal Expenses[1]		0.5% 185	2.
3.	Engineering Design Fees[2]	D or E	15% 5,559	3.
4.	Project Inspection and Surveying[2]	D or E	11% 4,077	4.
5.	Construction[2]	D or F	37,065	5.
6.	Equipment	G	0	6.
7.	Other Costs	H	0	7.
8.	Project Contingencies		10% 3,706	8.
9.	SUBTOTAL (Lines 1-8)	SUBTOTAL	51,300	9.
10.	Amount of Line 9 provided by Federal Grants		0	10.
11.	Amount of Line 9 provided by Other State Agencies		0	11.
12.	Amount of Line 9 provided by Applicant		25,650	12.
13.	Amount of Existing ADEC Grant		0	13.
14.	Amount of Line 9 Currently Requested from ADEC		25,650	14.
	INELIGIBLE COSTS			
15.	Land and Easement Acquisition Costs[3]		513	15.
16.	Purchase of Private Utilities		0	16.
17.	Interest and Finance Charges		3,078	17.
18.	Formation Costs of Local Improvement Districts		0	18.
19.	Comprehensive Plans and Feasibility Studies		0	19.
20.	Grant Application Preparation Costs (& other ineligible costs)		2,509	20.
21.	SUBTOTAL (Lines 15-20)	SUBTOTAL	6,100	21.
22.	TOTAL PROJECT COSTS (Lines 9 plus 21)	TOTAL	57,400	22.

1. Eligibility of these expenses is limited to costs incurred by the applicant as a direct result of the project. Salaries of existing staff working normally scheduled hours are not grant eligible.

2. With prior approval, the costs of engineering design, construction management, and actual construction performed in-house are grant eligible. Force account rates must be approved by the Department prior to the State grant offer. Force account work performed more than 120 days prior to a State grant offer is not eligible for grant funding. Requests for approval of force account rates must be supported by Attachment D. Construction Grant Regulations 18 AAC 73.010 (g)(2) establishes specific force account procedures and eligibilities.

3. The cost of land when used as an integral part of a treatment process, such as spray irrigation, and solid waste landfill sites may be considered grant eligible. These costs should appear under line 7 Other Costs (above) and must be supported by Attachment H.

NARRATIVE

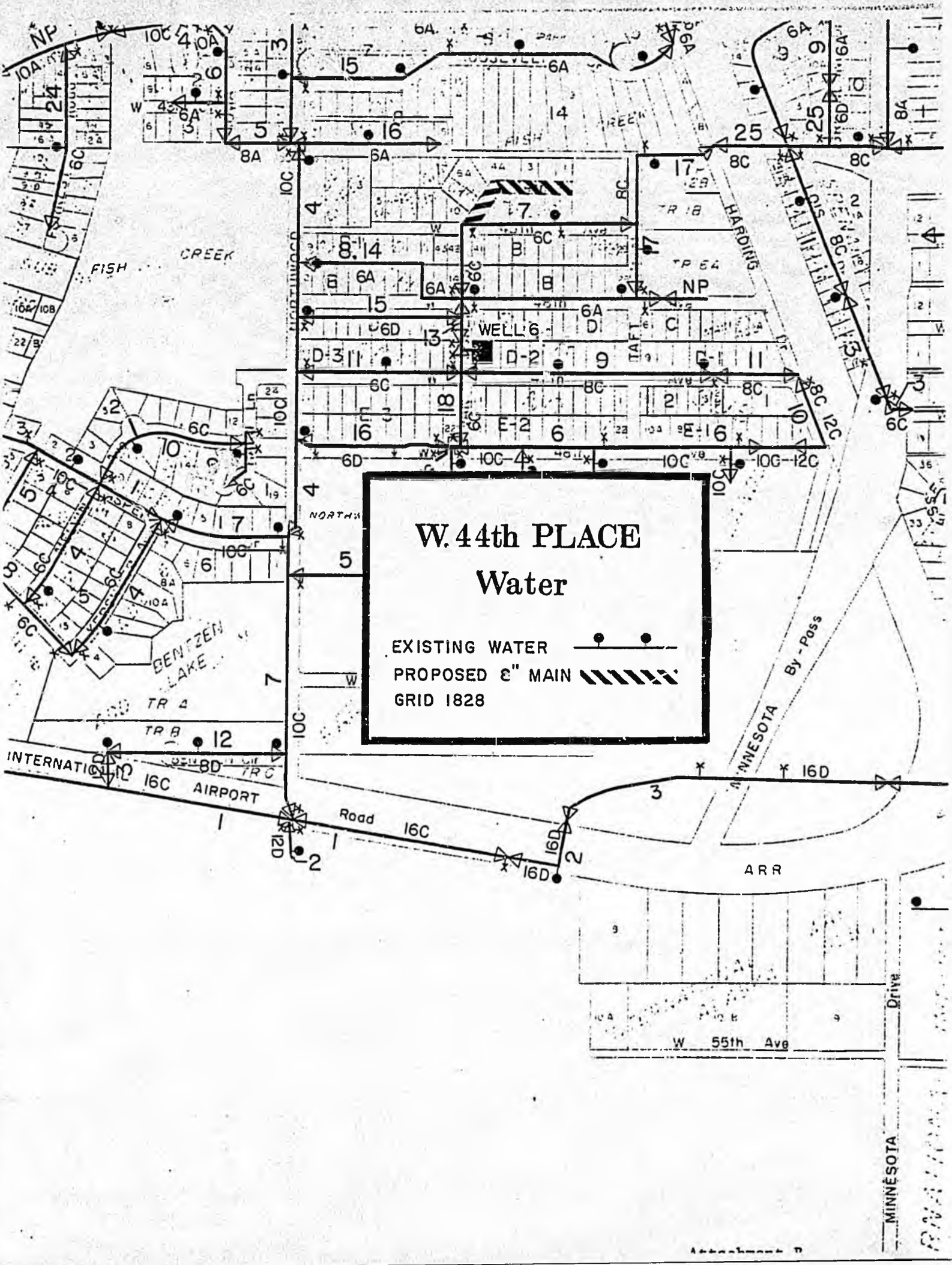
West 44th Place Water Main Extension

City Grid: 1828
Zoning: R-2

Public Works intends to improve streets in the Spenard Area with construction work scheduled to begin in late summer 1982. Prior to the street improvement, ie, paving, AWWU will be extending watermains into unserved areas affected by the street project. The West 44th Place area to be served with water includes six (6) suburban Multi-family residential lots.

The watermain extension includes design/construction of approximately 750 linear feet of 8-inch Ductile Iron Pipe. The new main will offer both domestic water service and improved fire protection capabilities.

Attachment A



Attachment B

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Municipality: Municipality of Anchorage

Applicant Mailing Address: 3000 Arctic Boulevard
Anchorage, Alaska 99504

Application Prepared by: Robert E. Smith

Title: General Manager

Type of Application: XX Initial _____ Revised

Type of Project XX Water _____ Sewerage _____ Solid Waste

Project Descriptive Title: Atkins WID #316 W82(18)3430

Number of Lots 10 and Persons 35 benefitting from this project.

Estimated Construction Period: September, 1982 Start January, 1983 Finish

Amount of State Grant Funds Requested from ADEC: $ 19,350

Source of Applicant's Funding for Project: Revenue Bonds

The applicant, through it's authorized representative, certifies that to the best of its knowledge and belief that the data contained in this application is true and correct and that all titles and easements necessary to provide clear title or authority to construct and maintain the proposed project shall be obtained. Failure to comply with this certification will be cause for the Department to withhold a grant award or withdraw a grant offer that may have been extended.

ROBERT E. SMITH	GENERAL MANAGER, AWWU	10/25/82
Typed Name	Title	Date

Robert E Smith

Signature

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

COST SUMMARY

	COST CLASSIFICATION	ATTACHMENT REQUIRED	TOTAL ESTIMATED PROJECT COSTS		
	ELIGIBLE COSTS	Note: Attachments A B & C are required for for all projects	#68.94/LF		
1.	Administrative Expenses[1]		1.7%	506	1.
2.	Legal Expenses[1]		0.5%	143	2.
3.	Engineering Design Fees[2]	D or E	12%	3,433	3.
4.	Project Inspection and Surveying[2]	D or E	11%	3,147	4.
5.	Construction[2]	D or F		28,610	5.
6.	Equipment	G		0	6.
7.	Other Costs	H		0	7.
8.	Project Contingencies		10%	2,861	8.
9.	SUBTOTAL (Lines 1-8)	SUBTOTAL		38,700	9.
10.	Amount of Line 9 provided by Federal Grants			0	10.
11.	Amount of Line 9 provided by Other State Agencies			0	11.
12.	Amount of Line 9 provided by Applicant			19,350	12.
13.	Amount of Existing ADEC Grant			0	13.
14.	Amount of Line 9 Currently Requested from ADEC			19,350	14.
	INELIGIBLE COSTS				
15.	Land and Easement Acquisition Costs[3]			387	15.
16.	Purchase of Private Utilities			0	16.
17.	Interest and Finance Charges			2,322	17.
18.	Formation Costs of Local Improvement Districts			0	18.
19.	Comprehensive Plans and Feasibility Studies			0	19.
20.	Grant Application Preparation Costs (& other inelig. costs)			1,891	20.
21.	SUBTOTAL (Lines 15-20)	SUBTOTAL		4,600	21.
22.	TOTAL PROJECT COSTS (Lines 9 plus 21)	TOTAL		43,300	22.

1. Eligibility of these expenses is limited to costs incurred by the applicant as a direct result of the project. Salaries of existing staff working normally scheduled hours are not grant eligible.

2. With prior approval, the costs of engineering design, construction management, and actual construction performed in-house are grant eligible. Force account rates must be approved by the Department prior to the State grant offer. Force account work performed more than 120 days prior to a State grant offer is not eligible for grant funding. Requests for approval of force account rates must be supported by Attachment D. Construction Grant Regulations 18 AAC 73.010 (g)(2) establishes specific force account procedures and eligibilities.

3. The cost of land when used as an integral part of a treatment process, such as spray irrigation, and solid waste landfill sites may be considered grant eligible. These costs should appear under line 7 Other Costs (above) and must be supported by Attachment H.

ATKINS W.I.D. #316

NARRATIVE

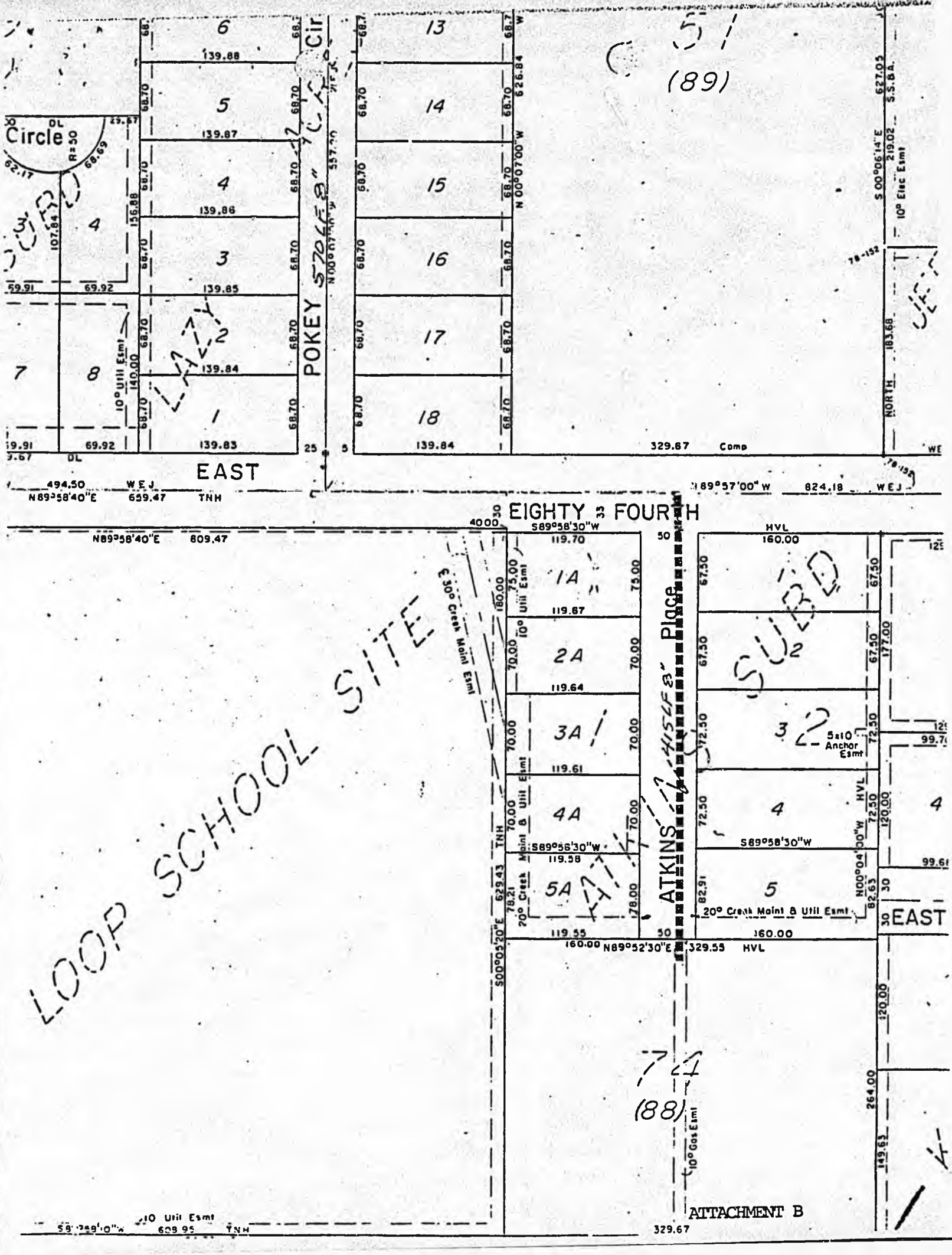
The Anchorage Water & Wastewater Utility proposes to design/construction of approximately 415 linear feet of 8" D.I.P. water main to provide service to the properties in the Atkins Subdivision. These lots are requesting the extension.

The existing well system within the subject area is experiencing problems and the well is not capable of providing fire protection.

It is anticipated that there will be grant funding assistance from Alaska Department of Environmental Conservation. NOT LIKELY! WE HAVE BEEN OUT OF FUNDS FOR ALMOST A YEAR.

C/AWIDN

Attachment A


Circle
DL
R=50
92.17
68.69
29.67
POKEY STOKES" CIR.
N00°07'00"W 557.20
6
5
4
3
2
1
7
8
139.88
139.87
139.86
139.85
139.84
139.83
68.70
156.88
140.00
107.84
69.91
69.92
10' Util Esmt
13
14
15
16
17
18
626.84
139.84
329.67 Comp
S00°06'14"E 627.05
S.S.B.A.
219.02
10' Elec Esmt
183.68
NORTH
78-152
494.50 W E J
N89°58'40"E 659.47 TNH
EAST
N89°57'00"W 824.18 W E J
EIGHTY FOURTH
33
40.00
N89°58'40"E 809.47
S89°58'30"W
119.70
119.67
119.64
119.61
119.58
119.55
1A
2A
3A
4A
5A
75.00
70.00
180.00
178.00
10' Util Esmt
10' Util & Maint Esmt
20' Creek Maint Esmt
30' Creek Maint Esmt
TNH
S00°05'20"E 629.43
78.21
ATKINS "STOKES" Place
50
HVL
160.00
67.50
177.00
1
2
3
4
5
72.50
5x10 Anchor Esmt
120.00
N00°04'00"W
82.63
82.91
20' Creek Maint & Util Esmt
160.00 N89°52'30"E 329.55 HVL
LOOP SCHOOL SITE
SURD
99.61
264.00
149.63
10' Gas Esmt
(88)
(89)
S89°59'10"W 609.95 TNH
329.67
ATTACHMENT B

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Anchorage Water & Wastewater Utility Telephone 277-7622 Date 07-31-82

2) Municipality Represented: Municipality of Anchorage

3) Name of Project: Abbott Loop/Tudor to Abbott Road (1984)

4) Local priority of this project compared to other questionnaires submitted by the municipality # 2

5) Type of Project: Water XX Sewage _____ Solid Waste _____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

Project was recommended in the 1971 Water Distribution System Analysis Report and will provide a major transmission main for bulk water supply to most southern portion of the system. This main will be the backbone of the transmission grid for Section 16 and South Anchorage. It will be designed in 1982 and constructed in three phases as follows:

Phase I: from Tudor Road to Dowling Road in 1983.
Phase II: from Dowling Road to 76th Avenue in 1984.
Phase III: from 76th Avenue to Abbott Road in 1985.

The project will be the primary transmission main serving the southeast portion of the water service area.
The approximate service area will be Dowling Road to the North New Seward Highway to the west, the Hillside to the east and O'Malley Road to the south.

6) Describe Need for Project The project will determine time schedule of all other transmission and distribution mains within the described service area.

The construction will allow further development within its service area providing the Utility with additional revenues.

d) ADE e) Oth

7) List specific health benefits resulting from construction of this project.

Improved potable water services as small individual systems are phased out.

8) Existing population directly benefiting from this project:

The approximate acreage is 5,000 serving primarily residential, and light industrial customers.

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: _____

b) Improve Receiving Water Quality: _____

c) Reduce Wind Blown Litter: _____

d) Other: _____

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 75 %

b) Industrial _____ %

c) Fire Protection 25 %

11) Project Schedule:

a) Date Design to be Initiated: July, 1982

b) Date Design to be Completed: December 8, 1983 1982

c) Anticipated Date of Construction Start: April, 1983

d) Anticipated Date of Construction Completion: November, 1985 1984

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: $780,000 $540,000/Revenue Bonds

b) Federal Grant: _____

c) State Revenues: (List) _____

this project.
nsed out.

d) ADEC Grant: $520,000

e) Other:

13) Total Estimated Grant Request: $520,000

14) Total Estimated Project Cost: $1,300,000 (1984)

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

None

16) List any comprehensive planning document recommending this project.

1971 Water Distribution Analysis and ongoing computer modeling results.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? X Yes. ____ No.

18) If yes, list earlier phases and explain their relationship to this project.

See 6 above.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Anchorage Water & Wastewater Utility Telephone 277-7622 Date 07-31-82

2) Municipality Represented: Municipality of Anchorage

3) Name of Project: Eagle River System Interties (1984)

4) Local priority of this project compared to other questionnaires submitted by the municipality # 3b

5) Type of Project: Water XX Sewage _____ Solid Waste _____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

This project serves to interconnect existing systems as acquired to equalize supplies and demands where possible.

6) Describe Need for Project Interconnects of the existing separate systems as they are acquired by AWWU provides increased reliability, more uniform supplies, and balanced water demands.

7) List specific health benefits resulting from construction of this project.

The interconnection of the systems will have a beneficial effect on the quality of service to the affected systems.

8) Existing population directly benefiting from this project:
Schedule of system acquisitions undetermined at this time with numbers of customers varying with each system.

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: _____

b) Improve Receiving Water Quality: _____

c) Reduce Wind Blown Litter: _____

d) Other: _____

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 75 %

b) Industrial _____ %

c) Fire Protection 25 %

11) Project Schedule:

a) Date Design to be Initiated: July, 1984 11/83 1/84

b) Date Design to be Completed: December, 1984 5/83 5/84

c) Anticipated Date of Construction Start: April, 1985 6/83 6/84

d) Anticipated Date of Construction Completion: June, 1985 8/83 10/84

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: $180,000/Revenue Bonds

b) Federal Grant: _____

c) State Revenues: (List) _____

d) ADEC Grant: $120,000

e) Other:

13) Total Estimated Grant Request: $120,000

14) Total Estimated Project Cost: $300,000 (1984)

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

None

16) List any comprehensive planning document recommending this project.

Projects will be in conformance with Eagle River modeling program being developed as technical portion of Eagle River water master plan.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? X Yes. ____ No.

18) If yes, list earlier phases and explain their relationship to this project.

This project interties newly purchased private systems and connect where practical to transmission mains installed in 1982-83 period.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Anchorage Water & Wastewater Utility Telephone 277-7622 Date 07-31-82

2) Municipality Represented: Municipality of Anchorage

3) Name of Project: C-5-2 Trunk, Phase II (1983)

4) Local priority of this project compared to other questionnaires submitted by the municipality # 6

5) Type of Project: Water _____ Sewage XX Solid Waste _____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

Extension of trunk system from approximate vicinity of 96th Avenue and Victor Road east for about 3/4 of a mile.

This project will provide sanitary sewer trunk facilities to the area east of Victor Road and Campbell Lake. The trunk will serve as a base from which a collection system may extend.

6) Describe Need for Project Parts of this project depend on the ADOTPF project extending Minnesota Drive without the trunk, lateral extensions throughout this location are curtailed, stopping development.

7) List specific health benefits resulting from construction of this project.

Improved sewage disposal for areas affected.

8) Existing population directly benefiting from this project:
The C-5-2 Trunk serves the Olympus Subdivision, Laurel Acres Subdivision, and properties east to the A.R.R. Right-of-Way. Phase II will serve approximately 429 acres or a saturation population of 6,300.

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: X

b) Improve Receiving Water Quality: X

c) Reduce Wind Blown Litter: _____

d) Other: _____

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 100 %

b) Industrial _____ %

c) Fire Protection _____ %

11) Project Schedule:

a) Date Design to be Initiated: October, 1982

b) Date Design to be Completed: March, 1983

c) Anticipated Date of Construction Start: July, 1983

d) Anticipated Date of Construction Completion: October, 1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: $396,000/Revenue Bonds

b) Federal Grant: _____

c) State Revenues: (List) _____

d) ADEC Grant: $264,000

e) Other: _____

13) Total Estimated Grant Request: $264,000

14) Total Estimated Project Cost: $660,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

Minnesota Drive Extension to New Seward Highway.

16) List any comprehensive planning document recommending this project.

1982 Anchorage 201 Facilities Plan.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? _____Yes. __X__No.

18) If yes, list earlier phases and explain their relationship to this project.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Anchorage Water & Wastewater Utility Telephone 277-7622 Date 07-31-82

2) Municipality Represented: Municipality of Anchorage

3) Name of Project: W. Interceptor (Phase II) Pump Station & Force Main (1983)

4) Local priority of this project compared to other questionnaires submitted by the municipality # 1

5) Type of Project: Water _____ Sewage XX Solid Waste _____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

Project to connect Northeast and Southeast Interceptors with Phase I of 78" West Interceptor (construct in 1980), thereby diverting flow via gravity away from Campbell Creek Pump Station and avoiding overflow into Campbell Lake during peak periods of infiltration and inflow. Project is 6,000 linear feet long. construction of this project is contingent upon receipt of Federal funding or Special State Legislative Appropriations.

6) Describe Need for Project Sewage flows from the NE & SE interceptors, which presently requires pumping at the Campbell Creek Station, will be handled by gravity flow to the WWTF at Pt. Woronzof.

7) List specific health benefits resulting from construction of this project.

None

8) Existing population directly benefiting from this project:

The project service area is contiguous with the NE & SE interceptor drainage areas.

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: X

b) Improve Receiving Water Quality: X

c) Reduce Wind Blown Litter:

d) Other:

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 95 %

b) Industrial 5 %

c) Fire Protection %

11) Project Schedule:

a) Date Design to be Initiated: April, 1983

b) Date Design to be Completed: January, 1984

c) Anticipated Date of Construction Start: May, 1984

d) Anticipated Date of Construction Completion: August, 1985

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: $2,016,000/Revenue Bonds

b) Federal Grant:

c) State Revenues: (List)

d) ADEC Grant: $1,344,000

e) Other: _____

13) Total Estimated Grant Request: $1,344,000

14) Total Estimated Project Cost: $3,360,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

Raspberry Road extension - Arctic Boulevard Improvements

16) List any comprehensive planning document recommending this project.

1982 Anchorage 201 Facilities Plan

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? X Yes. ____ No.

18) If yes, list earlier phases and explain their relationship to this project.

This project completes the improvement made in 1980 when 2000' of 78" interceptor was installed to clear highway construction.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name Anchorage Water & Wastewater Utility Telephone 277-7622 Date 07-31-82

2) Municipality Represented: Municipality of Anchorage

3) Name of Project: Production Well #14 (1983)

4) Local priority of this project compared to other questionnaires submitted by the municipality # 8

5) Type of Project: Water XX Sewage _____ Solid Waste _____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

Due to the increase population of Anchorage, the Water Utility must increase its production capabilities to keep up with the user demand. Final site selection will depend on results of 1982 Test Well program.

6) Describe Need for Project The need for Well No. 14 was recognized in the Water Distribution Analysis Final Report, Page 90, dated November, 1980 which further expressed the desirability to have this well on line by 1985. Current plans are to locate the well in the area of Section 16.

7) List specific health benefits resulting from construction of this project.

Improved potable water quality as small individual systems are phased out.

8) Existing population directly benefiting from this project:

This project would provide domestic water supplies and fire flow supplies to residential area with limited sources.

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: _____

b) Improve Receiving Water Quality: _____

c) Reduce Wind Blown Litter: _____

d) Other: _____

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 80 %

b) Industrial 10 %

c) Fire Protection 10 %

11) Project Schedule:

a) Date Design to be Initiated: March, 1983

b) Date Design to be Completed: June, 1983

c) Anticipated Date of Construction Start: August, 1983

d) Anticipated Date of Construction Completion: August, 1984

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: $90,000/Revenue Bonds

b) Federal Grant: _____

c) State Revenues: (List) _____

of this project
are phased out.

d) ADEC Grant: $60,000

e) Other: _____

13) Total Estimated Grant Request: $60,000

14) Total Estimated Project Cost: $150,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

None

16) List any comprehensive planning document recommending this project.

1971 Water distribution Analysis (Plate A) projected a well site near Abbott Road at Birch Road. Also, the Water Distribution Analysis Final Report November 1980, Page 90 and Metropolitan Anchorage Urban Study.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? ____Yes. X No.

18) If yes, list earlier phases and explain their relationship to this project.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Anchorage Water & Wastewater Utility Telephone 277-7622 Date 07-31-82

2) Municipality Represented: Municipality of Anchorage

3) Name of Project: Production Well House #14 (1984)

4) Local priority of this project compared to other questionnaires submitted by the municipality # 8

5) Type of Project: Water XXX Sewage _____ Solid Waste _____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

Due to the increase population of Anchorage, the Water Utility must increase its production capabilities to keep up with the user demand. Final site selection will depend on results of 1982 Test Well program.

6) Describe Need for Project The need for Well No. 14 was recognized in the Water Distribution Analysis Final Report, page 90, dated November, 1980 which further expressed the desirability to have this well on line by 1985. Current plans are to locate the well in the area of Section 16.

d) ADEC
e) Other

7) List specific health benefits resulting from construction of this proje

Improved water quality as small individual systems are phased out.

8) Existing population directly benefiting from this project:
This project would provide domestic water supplies and fire flow supplies to residential area with limited sources.

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: _____

b) Improve Receiving Water Quality: _____

c) Reduce Wind Blown Litter: _____

d) Other: _____

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 80 %

b) Industrial 10 %

c) Fire Protection 10 %

11) Project Schedule:

a) Date Design to be Initiated: March, 1983

b) Date Design to be Completed: June, 1983

c) Anticipated Date of Construction Start: August, 1983

d) Anticipated Date of Construction Completion: August, 1984

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: $180,000/Revenue Bonds

b) Federal Grant: _____

c) State Revenues: (List) _____

ion of this proj.
sed out.

d) ADEC Grant: $120,000

e) Other: _____

13) Total Estimated Grant Request: $120,000

14) Total Estimated Project Cost: $300,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

None

16) List any comprehensive planning document recommending this project.

1971 Water distribution Analysis (Plate A) projected a well site near Abbott Road at Birch Road. Also, the Water Distribution Analysis Final Report November 1980, Page 90 and Metropolitan Anchorage Urban Study.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? _____Yes. __X__No.

18) If yes, list earlier phases and explain their relationship to this project.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name Anchorage Water & Wastewater Utility Telephone 277-7622 Date 07-31-82

2) Municipality Represented: Municipality of Anchorage

3) Name of Project: Chugach Way/Arctic to Spenard Road (1983)

4) Local priority of this project compared to other questionnaires submitted by the municipality # 11

5) Type of Project: Water XX Sewage _____ Solid Waste _____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

The project will provide a better flow by intertieing the mains in Spenard Road and Arctic Boulevard. The project will be located in Chugach Way between Spenard Road and Arctic Boulevard.

6) Describe Need for Project Project will eliminate a flow problem within this area and will provide water to an area along Chugach Way that presently has no water.

7) List specific health benefits resulting from construction of this project.

Existing service meets health standards.

8) Existing population directly benefiting from this project:
The project will serve the area between Spenard Road and Arctic Boulevard and 36th to 40th Avenue. The area is approximately 40 acres, being primarily dense residential.

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: _____

b) Improve Receiving Water Quality: _____

c) Reduce Wind Blown Litter: _____

d) Other: _____

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 80 %

b) Industrial -- %

c) Fire Protection 20 %

11) Project Schedule:

a) Date Design to be Initiated: July, 1983

b) Date Design to be Completed: August, 1983

c) Anticipated Date of Construction Start: September, 1983

d) Anticipated Date of Construction Completion: November, 1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: $204,000/Revenue Bonds

b) Federal Grant: _____

c) State Revenues: (List) _____

d) ADEC Grant: $136,000

e) Other: _____

13) Total Estimated Grant Request: $136,000

14) Total Estimated Project Cost: $340,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

None

16) List any comprehensive planning document recommending this project.

The project is in accordance with the 1971 Water Distribution System Analysis as shown on plate 5, and the November 1980 Water Distribution Analysis.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? _____ Yes. __X__ No.

18) If yes, list earlier phases and explain their relationship to this project.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name Anchorage Water & Wastewater Utility Telephone 277-7622 Date 07-31-82

2) Municipality Represented: Municipality of Anchorage

3) Name of Project: Woodstave Line Replacements (1983)

4) Local priority of this project compared to other questionnaires submitted by the municipality # 12

5) Type of Project: Water XX Sewage _____ Solid Waste _____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

Project will replace deteriorating woodstave water mains with ductile iron water mains and will improve the transmission grids in the affected areas by increasing main sizes as necessary to meet expanding water needs. Mains scheduled for replacement include the following:

1983 - 10th Avenue between "I" and "N" Streets (6-inch woodstave to 16-inch ductile iron).
- Elm Street between Dogwood and Bluff. (6-inch woodstave to 8-inch ductile iron).

6) Describe Need for Project Provides the replacement of woodstave water lines with D.I.P. Project will help establish an ongoing preventive maintenance program.

7) List specific health benefits resulting from construction of this project.

Health benefits are a function of degree of improvements made.

8) Existing population directly benefiting from this project:

Areas in accordance with item 5 above.

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: _____

b) Improve Receiving Water Quality: _____

c) Reduce Wind Blown Litter: _____

d) Other: _____

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 70 %

b) Industrial 10 %

c) Fire Protection 20 %

11) Project Schedule:

a) Date Design to be Initiated: July, 1983

b) Date Design to be Completed: February, 1984

c) Anticipated Date of Construction Start: April, 1984

d) Anticipated Date of Construction Completion: October, 1984

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: $357,000/Revenue Bonds

b) Federal Grant: _____

c) State Revenues: (List) _____

d) ADEC Grant: $153,000

e) Other: _____

13) Total Estimated Grant Request: $153,000

14) Total Estimated Project Cost: $510,000 (1983)

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

None

16) List any comprehensive planning document recommending this project.

Improvement will be in conformance with latest plan information and computer modeling results.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? ____Yes. __X__ No.

18) If yes, list earlier phases and explain their relationship to this project.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name Anchorage Water & Wastewater Utility Telephone 277-7622 Date 07-31-82

2) Municipality Represented: Municipality of Anchorage

3) Name of Project: Spruce Street/Lore Road to 68th Avenue (1983)

4) Local priority of this project compared to other questionnaires submitted by the municipality # 10

5) Type of Project: Water XX Sewage _____ Solid Waste _____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

Design and install water transmission main in Spruce Street between 68th Avenue and 76th Avenue (Lore Road).

6) Describe Need for Project Project is necessary link of distribution grid and provides water to unserved area along Spruce Street.

7) List specific health benefits resulting from construction of this project.

Improves water quality as individual water systems are phased out.

8) Existing population directly benefiting from this project:

Serves residential area of 1/2 mile along transmission route.

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: _____

b) Improve Receiving Water Quality: _____

c) Reduce Wind Blown Litter: _____

d) Other: _____

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 80 %

b) Industrial _____ %

c) Fire Protection 20 %

11) Project Schedule:

a) Date Design to be Initiated: July, 1983

b) Date Design to be Completed: November, 1983

c) Anticipated Date of Construction Start: February, 1984

d) Anticipated Date of Construction Completion: June, 1984

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: $192,000/Revenue Bonds

b) Federal Grant: _____

c) State Revenues: (List) _____

project.

d) ADEC Grant: $128,000

e) Other: _____

13) Total Estimated Grant Request: $128,000

14) Total Estimated Project Cost: $320,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

None

16) List any comprehensive planning document recommending this project.

1971 Water Distribution Analysis

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? _____Yes. _x_No.

18) If yes, list earlier phases and explain their relationship to this project.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name Anchorage Water & Wastewater Utility Telephone 277-7622 Date 07-31-82

2) Municipality Represented: Municipality of Anchorage

3) Name of Project: Southeast Interceptor (1983)

4) Local priority of this project compared to other questionnaires submitted by the municipality # 2

5) Type of Project: Water _____ Sewage XX Solid Waste _____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

This project will be located adjacent to the East edge of Alaska Railroad R-O-W and will extend south of Roy Road to DeArmoun Road. It will provide for the orderly progression of the Southeast Interceptor serving the southeast portion of Anchorage.

It connects E-1, E-2, E-3, E-4, E-5, E-6, and E-7 trunks with the 78-inch West Interceptor. Interceptor will be located for the most part along the Alaska Railroad Right-of-Way and New Seward Highway for a distance of seven miles.

6) Describe Need for Project Future trunk and lateral extensions depend heavily on the construction of this section of the interceptor. Development may become stunted in SE Anchorage without proper sewer expansion.

7) List specific health benefits resulting from construction of this project.

Improved sewage disposal for areas affected.

8) Existing population directly benefiting from this project:

The project will ultimately serve a year 2010 saturation population of 76,200 people. according to the above study. Approximate acreage is 6,833 acres, mostly residential development

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: X

b) Improve Receiving Water Quality: X

c) Reduce Wind Blown Litter:

d) Other:

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 95 %

b) Industrial 5 %

c) Fire Protection %

11) Project Schedule:

a) Date Design to be Initiated: January, 1983

b) Date Design to be Completed: July, 1983

c) Anticipated Date of Construction Start: September, 1983

d) Anticipated Date of Construction Completion: December, 1984

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: $2,400,000/Revenue Bonds

b) Federal Grant:

c) State Revenues: (List)

this project.

d) ADEC Grant: $1,600,000

e) Other: _____

13) Total Estimated Grant Request: $1,600,000

14) Total Estimated Project Cost: $4,000,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

None

16) List any comprehensive planning document recommending this project.

1982 Anchorage 201 Facilities Plan

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? XX Yes. ____ No.

18) If yes, list earlier phases and explain their relationship to this project.

This project is in conjunction with the ADOTPF. project extending the New Seward Highway southward. If sewer improvements lag behind highway improvements, the costs of the sewer improvements will multiply. The section on Huffman Road between Old and New Seward Highways was installed in 1982.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Anchorage Water & Wastewater Utility Telephone 277-7622 Date 07-31-82

2) Municipality Represented: Municipality of Anchorage

3) Name of Project: Southeast Interceptor (1984)

4) Local priority of this project compared to other questionnaires submitted by the municipality # 2

5) Type of Project: Water _____ Sewage XX Solid Waste _____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

This project will be located adjacent to the East edge of Alaska Railroad R-O-W and will extend south of Roy Road to DeArmoun Road. It will provide for the orderly progression of the Southeast Interceptor serving the southeast portion of Anchorage.

It connects E-1, E-2, E-3, E-4, E-5, E-6, and E-7 trunks with the 78-inch West Interceptor. Interceptor will be located for the most part along the Alaska Railroad Right-of-Way and New Seward Highway for a distance of seven miles.

6) Describe Need for Project Future trunk and lateral extensions depend heavily on the construction of this section of the interceptor. Development may become stunted in SE Anchorage w/o proper sewer expansion.

7) [illegible] water benefit resulting from construction of this project:

Increase pressure and volume to adequately provide service per water quality standards.

8) Existing population directly benefiting from this project:

1094 ✓ 27 x 3.4 =

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: N/A

b) Improve Receiving Water Quality: N/A

c) Reduce Wind Blown Litter: N/A

d) Other:

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 90 %

b) Industrial 0 %

c) Fire Protection 10 %

11) Project Schedule:

a) Date Design to be Initiated: 1/1/83

b) Date Design to be Completed: 3/1/83

c) Anticipated Date of Construction Start: 5/1/83

d) Anticipated Date of Construction Completion: 8/1/83

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: $40,000

b) Federal Grant: 0

c) State Revenues: (List)

d) ADEC Grant: $172,000

e) Other:

13) Total Estimated Grant Request: $172,000

14) Total Estimated Project Cost: $430,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

None

16) List any comprehensive planning document recommending this project.

1982 Anchorage 201 Facilities Plan

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? X Yes. ____ No.

18) If yes, list earlier phases and explain their relationship to this project.

This project is in conjunction with the ADOTPF, project extending the New Seward Highway southward. If sewer improvements lag behind highway improvements, the costs of the sewer improvements will multiply. The section on Huffman Road between Old and New Seward Highway, was installed in 1982/

7) List specific health benefits resulting from construction of this project.

Improved sewage disposal for areas affected.

8) Existing population directly benefiting from this project:
The project will ultimately serve a year 2010 saturation population of 76,200 people, according to the above study. Approximate acreage is 6,833 acres, mostly residential development.

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: X

b) Improve Receiving Water Quality: X Hd Hardly

c) Reduce Wind Blown Litter:

d) Other:

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 95 %

b) Industrial 5 %

c) Fire Protection %

11) Project Schedule:

a) Date Design to be Initiated: January, 1983

b) Date Design to be Completed: July, 1983

c) Anticipated Date of Construction Start: September, 1983

d) Anticipated Date of Construction Completion: December, 1984

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: $258,000/Revenue Bonds

b) Federal Grant:

c) State Revenues: (List)

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name John Hale Telephone 675 4324 Date 13 Aug 82

2) Municipality Represented: Aniak, Ak. 99557

3) Name of Project: Aniak Community Sewer System

4) Local priority of this project compared to other questionnaires submitted by the municipality # 1

5) Type of Project: Water _____ Sewage X Solid Waste _____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

Aniak townsite water is by individual shallow driven and/or drilled wells. Waste disposal is by cesspools inadequately spaced with few septic systems. No central pumping exists.
The proposed project will provide a DEC approved community sewer system consisting of 2½ miles of sewer main, one lift station, and a total retention sewer lagoon.

6) Describe Need for Project If the community sewer is not built the ground water in the individual wells thorough town will become contaminated by the existing inadequate individual waste disposal systems.

7) List specific health benefits resulting from construction of this project.

Surface sewage in town will be eliminated. Water supply will not be contaminated. Water borne diseases will decrease. Kids won't play in surface sewage.

8) Existing population directly benefiting from this project:

275

9) Describe any improvements to the environment due to construction of this project:

(a) Eliminate or Reduce Ground Water Contamination: _____

b) Improve Receiving Water Quality: _____

c) Reduce Wind Blown Litter: _____

d) Other: _____

10) Category of Beneficial Use: Percentage of User5s Benefitting

(a) Residential/Commercial 100 %

b) Industrial _____ %

c) Fire Protection _____ %

11) Project Schedule:

a) Date Design to be Initiated: 5/82

b) Date Design to be Completed: 8/82

c) Anticipated Date of Construction Start: 6/83

d) Anticipated Date of Construction Completion: 7/84

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: _____

b) Federal Grant: _____

(c) State Revenues: (List) # 1,000,000 - 1500

_____

d) ADEC Grant: _____

e) Other: _____

13) Total Estimated Grant Request: $ 500,000

14) Total Estimated Project Cost: $ 1,500,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

1982 Road building
1983 Dike Construction
1983 Community Sewer Project

16) List any comprehensive planning document recommending this project.

ADEC-USD/PHS Sanitation Facilities Study

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? X Yes. ____ No.

18) If yes, list earlier phases and explain their relationship to this project.

Project Design
Some Material procurement

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Francis W. Mandeville Telephone 246-4224 Date July 28, 1982

2) Municipality Represented: Bristol Bay Borough

3) Name of Project: Naknek Sewage Facility: Step # 3

4) Local priority of this project compared to other questionnaires submitted by the municipality # 1

5) Type of Project: Water _____ Sewage X Solid Waste _____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

Construct a two cell facultative lagoon located west of Naknek with a collector and intercept system located in the populated area of Naknek (Naknek Sewer District). Currently Naknek does not have a sewage treatment system.

6) Describe Need for Project Septic tanks have not worked well in Naknek because of inadequate leach fields, slow percolation in the medium to fine-grained local soils, and lack of facilities for periodic pumping and cleaning of tanks. The lack of an adequate sewage treatment system presents a multitude of potential health hazards.

7) List specific health benefits resulting from construction of this project.

1. Noncontaminated drinking water
2. Contain and centralize potentially harmful bacteria
3. Reduce the potential of mosquitoes laden with disease
4. Reduce water pollution

8) Existing population directly benefiting from this project:

Average: 4,375 (1,250 permanent ---- 7,500 transitory)

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: Yes

b) Improve Receiving Water Quality: Yes

c) Reduce Wind Blown Litter: NA

d) Other:

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 100 %

b) Industrial 100 %

c) Fire Protection ---- %

11) Project Schedule:

a) Date Design to be Initiated: 3-12-80

b) Date Design to be Completed: 10-29-82

c) Anticipated Date of Construction Start: 5-1-83

d) Anticipated Date of Construction Completion: 9-30-84

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: $1,451,900

b) Federal Grant: $2,936,200

c) State Revenues: (List) 0

d) ADEC Grant: $1,014,900

e) Other: _____

13) Total Estimated Grant Request: $1,014,900

14) Total Estimated Project Cost: $5,403,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

N/A

16) List any comprehensive planning document recommending this project.

"Comprehensive Coastal Zone Management Plan"

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? X Yes. ____ No.

18) If yes, list earlier phases and explain their relationship to this project.

Steps # 1 & # 2 have received federal and state grants and is nearing completion. Additional grant funds for Step # 3 is necessary for the successful completion of this project.

(2)

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Perry D. Lovett Telephone 907 424 3237 Date 8/20/83
City Manager

2) Municipality Represented: CITY OF CORDOVA

3) Name of Project: Morpac Parallel Line

4) Local priority of this project compared to other questionnaires submitted by the municipality #

5) Type of Project: Water x Sewage Solid Waste

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

This project involves the construction of a parallel line - approximately 1300 L.F. to reinforce the existing 8-inch main from the intersection of Industry road and North Railroad Avenue to the vicinity of Morpac Cannery. To be completed in 1983.

6) Describe Need for Project Need is outlined Cordova Water Supply Feasibility Study prepared by Merrell & Associates/Black & Veatch January, 1980. and is part of the Phase I & II Water Improvements projects.

7) List specific health benefits resulting from construction of this project.

Would help eliminate pollution from septic tanks, another project to complete the installation of an adequate water system for Cordova.

8) Existing population directly benefiting from this project:

Several residential areas and 2 large canneries, ferry dock office and Chevron office.

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: x

b) Improve Receiving Water Quality: x

c) Reduce Wind Blown Litter: _____

d) Other: _____

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 100 %

b) Industrial 100 %

c) Fire Protection 100 %

11) Project Schedule:

a) Date Design to be Initiated: 11/82

b) Date Design to be Completed: 2/83

c) Anticipated Date of Construction Start: 5/83

d) Anticipated Date of Construction Completion: 10/83

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: _____

b) Federal Grant: _____

c) State Revenues: (List) $60,000 Municipal Grant

d) ADEC Grant: 50% $60,000

e) Other:

13) Total Estimated Grant Request: $60,000

14) Total Estimated Project Cost: $120,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

The road will be resurfaced in late 1983

16) List any comprehensive planning document recommending this project.

As outlined in Cordova Water Supply Feasibility Study

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? x Yes. ____ No.

18) If yes, list earlier phases and explain their relationship to this project.

Phase I & II of Cordova Water Improvement Projects (1981 and 1982)

See previous correspondence from Black & Veatch/Merrell & Assoc.

on this matter.

(3)

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Perry D. Lovett Telephone 907 424 3237 Date 8/20/82
City Manager

2) Municipality Represented: CITY OF CORDOVA

3) Name of Project: Power Creek Creek Booster Station, Zone II System & Distribution System Improvements

4) Local priority of this project compared to other questionnaires submitted by the municipality #

5) Type of Project: Water x Sewage Solid Waste

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

This project is outlined in detail in the Cordova Water Supply Feasibility Study dated January, 1980 prepared by Merrell & Assoicates/Black & Veatch. Power Creek Road Distribution and Zone II System will provide water and firefighting capabilities to the Eyak Lake airstrip and residential development. This system improvement was identified in the computer analyses of the Cordova water system. A booster station and Zone II system will provide water to a large flat area recently obtained by the City in municipal land selections.

Approximately 7,600 L.F. of waterline /20,000 gal. storage tank, feeder line, pump station. Area too high to be served by the lower zone system.

6) Describe Need for Project Area is within Eyak Lake AMSA. Will provide a water system, firefighting capability, increase residential/commercial development within area.

7) List specific health benefits resulting from construction of this project.

Fire protection

8) Existing population directly benefiting from this project:

approx. 40 person not including commercial.

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: x

b) Improve Receiving Water Quality: Eliminate use of the Eyak Lake which is currently polluted.

c) Reduce Wind Blown Litter:

d) Other: open land to development/reduce pollution of Eyak Lake

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 100 %

b) Industrial ____ %

c) Fire Protection 100 %

11) Project Schedule:

a) Date Design to be Initiated: 9/83

b) Date Design to be Completed: 11/83

c) Anticipated Date of Construction Start: 5/84

d) Anticipated Date of Construction Completion: 10/84

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: Assessment District -

b) Federal Grant:

c) State Revenues: (List) or municipal grant of 50%

d) ADEC Grant: 50%

e) Other:

13) Total Estimated Grant Request: 50% $400,000

14) Total Estimated Project Cost: $800,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

1984-Sewerlines and paving - 1985

16) List any comprehensive planning document recommending this project.

Merrell & Associates/Black & Veatch water study "Cordova Water Supply Feasibility Study" dated January, 1980.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? x Yes. ____ No.

18) If yes, list earlier phases and explain their relationship to this project.

1981 and 1982 Phase I & II Water Improvements projects

(6)

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name Perry D. Lovett Telephone 907 424 3237 Date 8/20/82
City Manager

2) Municipality Represented: CITY OF CORDOVA

3) Name of Project: SMALL BOAT HARBOR WATERLINE ADDITION Grant Increase

4) Local priority of this project compared to other questionnaires submitted by the municipality #

5) Type of Project: Water X Sewage Solid Waste

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

Water facilities for A and B floats, a loop (for water circulation) and backflow prevention on the dock approach opposite industry road. Also, water service to the new harbor floats which are in the design stage (including engineering and design). Will be water service for 920 berths(580 on new float) total.

6) Describe Need for Project

the cost of the project, particularly for materials far exceed the original estimate. The revised estimate is now $174,000. In addition we are requesting a grant amendment to provide water service to the new floats which will berth an additional 580 slips. The estimate to provide water to the new floats is $250,000 including engineering and inspection. This will provide all weather water service and firefighting capabilities.

RECEIVED
AUG 24 1982
Department of
Environmental Conservation

7) List specific health benefits resulting from construction of this project.

eliminate hazards of an overloaded harbor.

8) Existing population directly benefiting from this project:

The City of Cordova

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: _____

b) Improve Receiving Water Quality: _____

c) Reduce Wind Blown Litter: _____

d) Other: _____

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial _____ %

b) Industrial 100 %

c) Fire Protection 100 %

11) Project Schedule:

a) Date Design to be Initiated: _____

b) Date Design to be Completed: _____

c) Anticipated Date of Construction Start: 1983

d) Anticipated Date of Construction Completion: 1985

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: _____

b) Federal Grant: _____

c) State Revenues: (List) TORA Grant - DOT/PF

221 317
36 250
185 067

d) ADEC Grant: 50%

e) Other:

(Present grant about $ 72500 / 2) = $36 250

13) Total Estimated Grant Request: $221,317

14) Total Estimated Project Cost: $442,634.00

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

This is for a grant increase in this project. The waterline for the old harbor area is completed with project costs, especially material costs, have far exceeded original estimate.

16) List any comprehensive planning document recommending this project.

Coastal Zone Management plan (1981) Harbor Development Plan (1976)

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? x Yes. ____ No.

18) If yes, list earlier phases and explain their relationship to this project.

Part of the waterline project for the small boat harbor and the overall project of the new harbor currently under construction.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name John Miko, Jr. Telephone 456-2235 Date 7-7-82

2) Municipality Represented: City of Fairbanks/Municipal Utilities System

3) Name of Project: Sludge Disposal Facility Phase II

4) Local priority of this project compared to other questionnaires submitted by the municipality #_____

5) Type of Project: Water_____ Sewage X Solid Waste_____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

Facility is for the Fairbanks Wastewater Treatment Plant which is to include higher capacity and more cost efficient sludge dewatering units and plus permanent sludge drying beds capable of drying sludge after going through freeze/thaw cycle. Ultimate disposal will be agricultural/soil conditioned. Present system overloaded and incapable of producing a dry enough product.

6) Describe Need for Project Needed for removal of sludge from the treatment process in order to achieve a high quality effluent and a usable sludge product.

7) List specific health benefits resulting from construction of this project.

1. High quality effluent therefore lower health risk and pollution.

8) Existing population directly benefiting from this project:

Entire area or service district and population downstream.

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: Impervious liner on sludge beds.

b) Improve Receiving Water Quality: Less solids

c) Reduce Wind Blown Litter: N/A

d) Other: Improve soil conditions for agricultural purposes.

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 100 %

b) Industrial _____ %

c) Fire Protection _____ %

11) Project Schedule:

a) Date Design to be Initiated: 5/82

b) Date Design to be Completed: 8/82

c) Anticipated Date of Construction Start: 3/83

d) Anticipated Date of Construction Completion: 8/83

12) List proposed sources and amounts of fundin assume 50% state grants.

a) Local Contribution/Source: $187,500

b) Federal Grant: -0- $1,125,000 EPA

c) State Revenues: (List) Revenue Sharing Grants -- $450,000 (30%)

d) ADEC Grant: ~~$1.05 M (70%)~~ $187,500

e) Other: _____

13) Total Estimated Grant Request: _____

14) Total Estimated Project Cost: $1,500,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

None

16) List any comprehensive planning document recommending this project.

Facility Plant for Sludge Disposal For Fairbanks W.W.T.P. 1980.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? ✓ Yes. ___ No.

18) If yes, list earlier phases and explain their relationship to this project.

Design phase is scheduled for completion in August 1982.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Garv L. Rice Telephone 456-5176 Date August 11, 1982

2) Municipality Represented: City of Fairbanks, Municipal Utilities System

3) Name of Project: N E Water Transmission System

4) Local priority of this project compared to other questionnaires submitted by the municipality #

5) Type of Project: Water X Sewage Solid Waste

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

This project will continue the planned extension of our water transmission system into the North East area of Fairbanks.

6) Describe Need for Project This project is needed to supply water to residents currently on wells and bolster fire flows in the existing system.

7) List specific health benefits resulting from construction of this project.

1. Avoid individual wells

2. Better water main pressure control - less chance of cross connection contamination.

8) Existing population directly benefiting from this project:

Approximately 8,000.

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: NO

b) Improve Receiving Water Quality: NO

c) Reduce Wind Blown Litter: NO

d) Other:

10) Category of Beneficial Use: Percentage of User's Benefitting

a) Residential/Commercial 50 %

b) Industrial ____ %

c) Fire Protection 50 %

11) Project Schedule:

a) Date Design to be Initiated: Sept. 1982

b) Date Design to be Completed: Feb. 1983

c) Anticipated Date of Construction Start: June 1983

d) Anticipated Date of Construction Completion: Oct. 1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: 1,980,000

b) Federal Grant:

c) State Revenues: (List)

d) ADEC Grant: 1,980,000

e) Other: _____

13) Total Estimated Grant Request: _____

14) Total Estimated Project Cost: 3,860,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

1. OLD STEESE REBUILD is under design now and a grant application is being applied for this year.

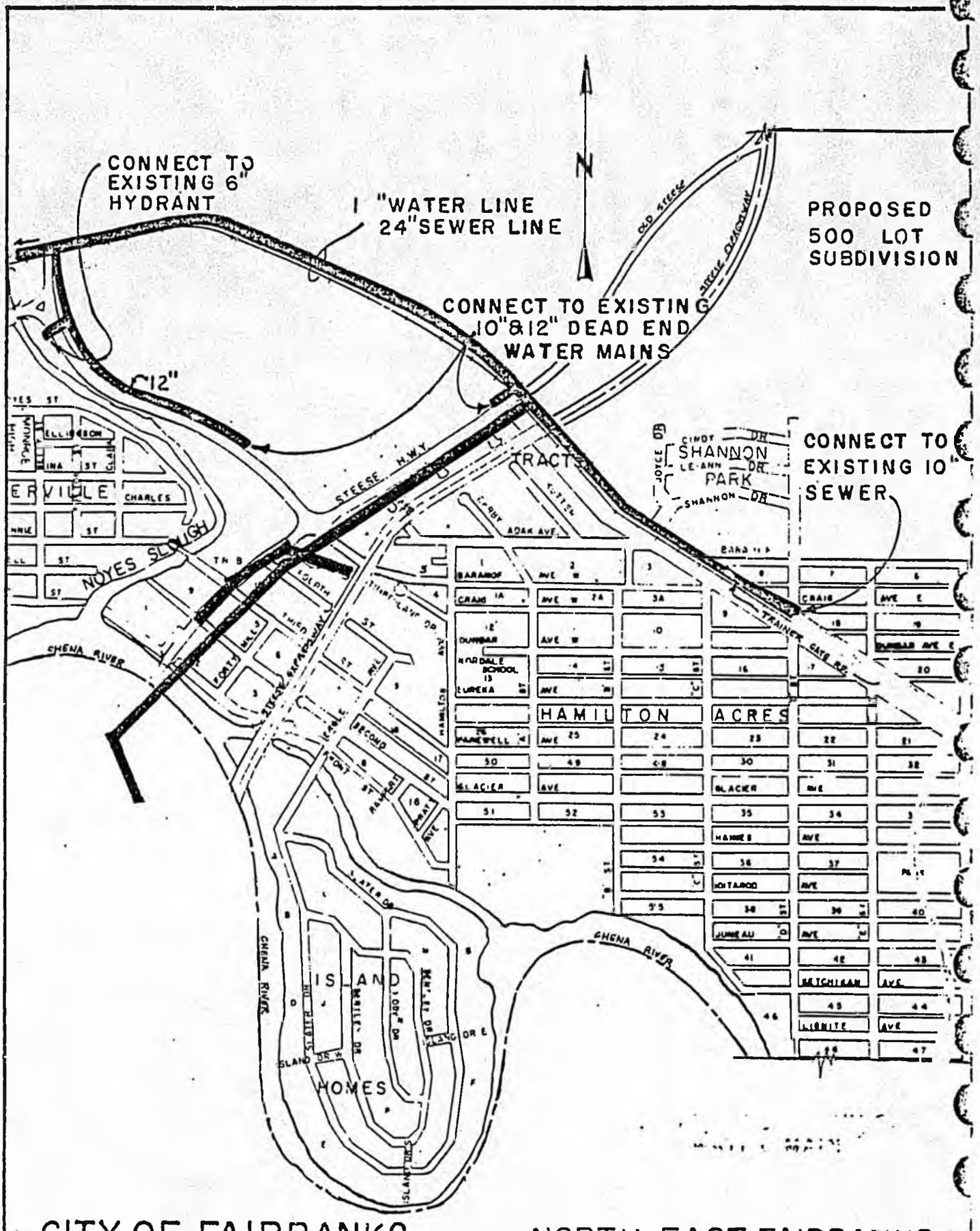
2. N.E. Sewer Interceptor

16) List any comprehensive planning document recommending this project.

City of Fairbanks Municipal Utilities Water System Master Plan

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? ____Yes. __X__No.

18) If yes, list earlier phases and explain their relationship to this project.



CITY OF FAIRBANKS

NORTH EAST FAIRBANKS SEWER & WATER DESIGN

(2)

[illegible]

[illegible] complete a copy of this questionnaire for each capital project for which you are requesting water, sewerage, or solid waste plant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Darrell Maple Telephone 766-2231 Date 10/1/82

2) Municipality Represented: City of Haines

3) Name of Project: 4th Avenue & Mathias water line Improvements

4) Local priority of this project compared to other questionnaires submitted by the municipality # 2

5) Type of Project: Water X Sewage ____ Solid Waste ____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

The project consists of the installation of approx. 1200 L.F. of 6" Ductile Iron water distribution mains. The present service line carries approximately 27 homes on a 1½" galvanized line. Inadequate by all standards. Existing water treatment capacity is adequate to provide the source needed. The lines will will be installed along 4th Avenue and formed into a looped system on Mathias Road.

6) Describe Need for Project The existing distribution line is inadequate to service present homes. The construction of approx. 8 new homes in the area as anticipated will have to be held up until the line is upgraded to proper size. The project has been budgeted for the local share.

(4)

[illegible]

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all listed projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Darrell Maple Telephone 766-2231 Date 10/1/82

2) Municipality Represented: City of Haines

3) Name of Project Mud Bay Road Water line

4) Local priority of this project compared to other questionnaires submitted by the municipality # 1

5) Type of Project: Water X Sewage ____ Solid Waste ____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

Project includes the construction of approx. 1100 L.F. of 6" Ductile Iron water Distribution main's extending along Mud Bay Road to the City limits. There is presently no water to the area Existing water treatment & distribution systems are adequate to supply the source of water.

6) Describe Need for Project At present the residents have completed the formation of an L.I.D. to help fund the costs of the project. The need is established due to the non-existence of a potable supply to service existing residences. The project has been budgeted for the local share.

[illegible]

Provision of a potable water supply to residents currently carring water to their residences.

8) Existing population directly benefiting from this project:

1094

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: N/A

b) Improve Receiving Water Quality: N/A

c) Reduce Wind Blown Litter: N/A

d) Other:

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 90 %

b) Industrial 0 %

c) Fire Protection 10 %

11) Project Schedule:

a) Date Design to be Initiated: 8/1/82

b) Date Design to be Completed: 10/15/82

c) Anticipated Date of Construction Start: 6/1/83

d) Anticipated Date of Construction Completion: 8/1/83

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: 35,000

b) Federal Grant: 0

c) State Revenues: (List)

c, ADEC Grant: 35,000

e) Other:

13) Total Estimated Grant Request: 35,000

14) Total Estimated Project Cost: 70,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

State DOT/PF will be paving the Mud Bay Road and relocating waterlines which are existing. The proposed water extensions need to be done prior to roadway construction.

16) List any comprehensive planning document recommending this project.

---

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? ____Yes. X No.

18) If yes, list earlier phases and explain their relationship to this project.

Ranked 9/5/82 SMR

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1. Your Name: Larry C. Farnen Telephone: 235-8121 Date: 8/25/82
City Manager

2. Municipality Represented: City of Homer

3. Name of Project: Cooper Subdivision Sewer Line

4. Local priority of this project compared to other questionnaires submitted by the municipality: #1

5. Type of Project: Water Sewage X Solid Waste

Detailed Description of Project (include location, if known, scope of project; existence and/or condition of present water, sewage, or solid waste services, as appropriate; or adequacy of existing facilities to increased demand as a result of this project).

The Cooper Subdivision sewer line plans call for construction of a 10" main collector line, extending from Aspen Lane, and an 8" residential line within the subdivision. (See accompanying map for exact location.) Design work has been completed for the project.

Cooper Subdivision sewer line was identified as a sewer line extension in the City of Homer's 1977 Comprehensive Sewer Plan. Presently, the Subdivision is serviced by city water, and the proposed sewer service would be consistent with the City's 1978 Comprehensive Plan goal which states that whenever feasible, water and sewer service be phased concurrently.

6. Described Need For Project:

This sewer line extension has been given highest priority by the City due to health and safety concerns. Soils in the subdivision are poorly drained soils of silty sediments underlain by firm slowly permeable clay materials. Septic tanks and drain fields do not function efficiently in these soils and pollution of ground and surface water occur where they are used. The residents in the subdivision have expressed their concern that the high concentration of development in the subdivision is contaminating the surface and ground water.

7. List specific health benefits resulting from construction of this project:

Construction of this sewer extension would eliminate the ground and surface water contamination presently occurring because of ineffective septic systems in the subdivision and high density of existing houses.

8. Existing population directly benefitting from this project:

There are approximately 20 homes presently constructed in the subdivision. The estimated population directly benefitting from this project is 52, 20 x 2.61 (persons per household).

9. Describe any improvements to the environment due to construction of this project:

a. Eliminate or Reduce Ground Water Contamination: XX

b. Improve Receiving Water Quality:

c. Reduce Wind Blown Litter:

d. Other:

10. Category of Beneficial Use: Percentage of Users Benefitting.

a. Residential/Commercial: 100%

b. Industrial:

c. Fire Protection:

11. Project Schedule:

a. Date Design to be Initiated: Completed

b. Date Design to be Completed: Completed

c. Anticipated Date of Construction Start: FY 82/83

d. Anticipated Date of Construction Completion: FY 83/84

12. List proposed sources and amounts of funding: assume 50% state grants.

a. Local Contribution/Source: City of Homer/L.I.D.

b. Federal Grant:

c. State Revenues: (List)

d. ADEC Grant: 50%

e. Other:

13. Total Estimated Grant Request: $285,000

14. Total Estimated Project Cost: $570,000

15. List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project:

None.

16. List any comprehensive planning document recommending this project:

This sewer line extension was identified in the City of Homer's 1977 Comprehensive Sewer Plan. The project is recommended in the draft Capital Improvements Plan of the 1982 Comprehensive Development Plan.

17. Is this project necessary to complete an overall project for which earlier phases have already been constructed: Yes No XX

18. If yes, list earlier phases and explain their relationship to this project.

Ranked
9/5/82
EMK

Department of
Environmental Conservation

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1. Your Name: Larry C. Farnen Telephone: 235-8121 Date: 8/25/82
City Manager

2. Municipality Represented: City of Homer

3. Name of Project: Mattox Water and Sewer Line

4. Local priority of this project compared to other questionnaires submitted by the municipality: #3

5. Type of Project: Water X Sewage X Solid Waste

Detailed Description of Project (include location, if known, scope of project; existence and/or condition of present water, sewage, or solid waste services, as appropriate; or adequacy of existing facilities to increased demand as a result of this project).

The Mattox Street water and sewer line construction project requires the construction of an 8 inch sewer line and a 10 inch water line extending from East End Road the entire length of Mattox Street, approximately 5,000 linear feet. (See accompanying maps for the approximate location.)

6. Describe Need for Project:

The construction of this improvement would be consistent with the current and proposed land use plans which encourages growth near the central city. The 1977 Comprehensive Water Plan lists this improvement as a priority project.

Soils in the area are poorly drained silt underlain by slowly permeable clay material. Septic tanks and drainage fields do not operate effectively in this soil and with increased density levels, this area is subject to surface water and ground water contamination.

7. List specific health benefits resulting from construction of this project:

Surface and ground water contamination will be eliminated by the sewer line improvement.

8. Existing population directly benefitting from this project:

There are presently about 15 homes along Mattox street with an estimated population of 39 persons, 15 x 2.61 (persons per household).

9. Describe any improvements to the environment due to construction of this project:

a. Eliminate or Reduce Ground Water Contamination: Yes

b. Improve Receiving Water Quality:

c. Reduce Wind Blown Litter:

d. Other:

10. Category of Beneficial Use: Percentage of Users Benefitting.

a. Residential/Commercial: 100%

b. Industrial:

c. Fire Protection:

11. Project Schedule:

a. Date Design to be Initiated: FY 82/83

b. Date Design to be Completed: FY 82/83

c. Anticipated Date of Construction Start: FY 82/83

d. Anticipated Date of Construction Completion: FY 83/84

12. List proposed sources and amounts of funding: assume 50% state grants.

a. Local Contribution/Source: City of Homer/L.I.D.

b. Federal Grant:

c. State Revenues: (List)

d. ADEC Grant: 50%

e. Other:

13. Total Estimated Grant Request: $62,500

14. Total Estimated Project Cost: $125,000

15. List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project:

16. List any comprehensive planning document recommending this project:

This water and sewer line extension was identified as a priority project in the 1977 Comprehensive Water and Sewer Plans.

17. Is this project necessary to complete an overall project for which earlier phases have already been constructed: Yes No XX

13. If yes, list earlier phases and explain their relationship to this project.

Ranked 9/5/82 EMK

Dick Marcum

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JUN 3[illegible]

DEPT. OF ENVIRONMENTAL

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name ELSIE M. O'BRYAN Telephone 892-6869 Date 5/28/82

2) Municipality Represented: CITY OF HOUSTON

3) Name of Project: HOUSTON SANITARY LANDFILL AND HOUSTON SEPTAGE DISPOSAL FACILITY

4) Local priority of this project compared to other questionnaires submitted by the municipality # N/A

5) Type of Project: Water _____ Sewage ✓ Solid Waste ✓

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

LANDFILL: 20 YR LIFE. LANDFILL CLOSED 10/81 AS FULL. WATER TABLES AND PLANS BY POLYDYNE ENGINEERING OF WASILLA. LOCATION NEAR OLD LANDFILL

SEPTAGE: NEAR BIG LAKE RD & MEADOW CREEK. NO SEPTAGE ACCEPTING FACILITIES IN MAT-SU BORO. NOW, JOINT PROJECT WITH BOROUGH. CRW ENGINEERING GROUP OF ANCHORAGE HAS WATER, SOIL AND OTHER DATA.

6) Describe Need for Project LANDFILL: TEMPORILY ON CONTRACT WITH BOROUGH. HOUSTON'S 600-700 PEOPLE PLACING STRAIN ON THEIR BIG LAKE LANDFILL.

SEPTAGE CRITICAL NEED

7) List specific health benefits resulting from construction of this project.

8) Existing population directly benefiting from this project:

LANDFILL : 600-700 SEPTAGE 20,000 - 21,050.

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: ✓

b) Improve Receiving Water Quality: ✓

c) Reduce Wind Blown Litter: ✓

d) Other:

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial LANDFILL 100 / SEPTAGE 98 %

b) Industrial LANDFILL 0 . SEPTAGE 2 %

c) Fire Protection ____ %

11) Project Schedule:

a) Date Design to be Initiated: 1981 ~~IN PROGRESS (LANDFILL)~~

b) Date Design to be Completed: NOW DONE

c) Anticipated Date of Construction Start: FALL 1982

d) Anticipated Date of Construction Completion: FALL 1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: LOCAL (LANDFILL) $60,000 ~~STATE~~ SEPTAGE $20,000

b) Federal Grant: N/A

c) State Revenues: (List) LEGIS. GRANT (LANDFILL) $20.000 . SEPTAGE $580,000.

d) ADEC Grant: UNK.

e) Other: _____

Already funded $295,00

13) Total Estimated Grant Request: LANDFILL $70,000. SEPTAGE UNK

14) Total Estimated Project Cost: LANDFILL $140,000. SEPTAGE $600,000.

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

CONTACT. POLYDYNE ENG. AND CRW ENG.

16) List any comprehensive planning document recommending this project.

HOUSTON COMP. PLAN, 1982 MAT-SU BOROUGH

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? ✓ Yes. ____ No.
SEPTAGE + LANDFILL

18) If yes, list earlier phases and explain their relationship to this project.

DESIGN AND FEASIBILITY (BOTH)

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name Holden and Associates Telephone 586-2710 Date 8/26/82

2) Municipality Represented: Hydaburg

3) Name of Project: Hydaburg Water and Sewer Upgrade

4) Local priority of this project compared to other questionnaires submitted by the municipality # 1

5) Type of Project: Water X Sewage X Solid Waste ____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

This project will fund additional planning and feasibility studies as well as the design and construction of the first phase of the Hydaburg water and sewer upgrade. Phase 1 will include: 1) a planning study and design of a water/power source, a water/sewer distribution system, and a sewage treatment facility; 2) approximately five miles of access road to the new water source, and; 3) necessary earthwork and pipeline to the new water source.

6) Describe Need for Project Hydaburgs present water source is both unsafe for eight months of the year and inadequate to meet even existing needs of residents and commercial enterprises (fishing, mining and timber and other businesses).

7) List specific health benefits resulting from construction of this project.

The poor quality and inadequate supply of Hydaburg's water system as well as the obvious fire hazards makes this project a necessity.

8) Existing population directly benefiting from this project:

As of July, 1981, Hydaburg's population was 356 (Community and Regional Affairs)

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: X

b) Improve Receiving Water Quality: X

c) Reduce Wind Blown Litter:

d) Other: Fire protection and public safety.

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 75 %

b) Industrial 75 %

c) Fire Protection 100 %

11) Project Schedule:

a) Date Design to be Initiated: 9/1/82

b) Date Design to be Completed: 7/1/83

c) Anticipated Date of Construction Start: 7/1/83

d) Anticipated Date of Construction Completion: 9/1/84 (Phase 1)

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source:

b) Federal Grant:

c) State Revenues: (List) 50% anticipated Legislative funding

d) ADEC Grant: 50%

e) Other: _____

13) Total Estimated Grant Request: $2,250,000

14) Total Estimated Project Cost: $4,500,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

Hydaburg road and city street paving to be completed simultaniously with water and sewer project.

16) List any comprehensive planning document recommending this project.

Previous Federal studies show need, and an up-dated comprehensive plan is now inpreparation.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? X Yes. ____ No.

18) If yes, list earlier phases and explain their relationship to this project.

An engineering firm has been retained and has begun the preliminary study required by this project. The Legislature appropriated $125,000 for this purpose.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Arlen B. Clark

Telephone 586-3300, Ext. 277 Date August 10, 1982

2) Municipality Represented: City and Borough of Juneau

3) Name of Project: Salmon Creek Connection

4) Local priority of this project compared to other questionnaires submitted by the municipality # 7

5) Type of Project: Water X Sewage _____ Solid Waste _____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

Construct 16" D.I.P. transmission line from existing water line to AEL&P penstock, complete with chlorine system reservoir.

6) Describe Need for Project: Provide alternate supply source for City water system.

7) List specific health benefits resulting from construction of this project.

8) Existing population directly benefiting from this project:

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: None

b) Improve Receiving Water Quality: None

c) Reduce Wind-Blown Litter: None

d) Other: N/A

10) Category of Beneficial Use: Percentage of Users Benefiting

a) Residential/Commercial 90 %

b) Industrial %

c) Fire Protection 10 %

11) Project Schedule:

a) Date Design to be Initiated: April 1982

b) Date Design to be Completed: Nov. 1982

c) Anticipated Date of Construction Start: May 1983

d) Anticipated Date of Construction Completion: Oct. 1983

12) a) Local Contribution/Source: $1,500,000/Appropriation

b) Federal Grant:

c) State Revenues: (List)

d) ADEC Grant: $1,500,000

e) Other:

13) Total Estimated Grant Request: $1,500,000

14) Total Estimated Project Cost: $3,000,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

None

16) List any comprehensive planning document recommending this project.

"Water Plan/Study," City and Borough of Juneau, June 1982

17) Is this project necessary to complete an overall project for which earlier phases have already been constructed?

X Yes _____ No

18) If yes, list earlier phases and explain their relationship to this project.

Glacier Avenue water line. Provides main for transmission of water between hospital area and Juneau distribution main trunk.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name Lonnie Anderson Telephone 785-3804 Date 9/1/82

2) Municipality Represented: City of Kake

3) Name of Project: Construction and installation of new water supply tank

4) Local priority of this project compared to other questionnaires submitted by the municipality # 3

5) Type of Project: Water XX Sewage _____ Solid Waste _____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

The current water supply for the City of Kake is from a reservoir on Gunnuk Creek, which during many periods of the summer has a low water flowrate that does not always meet the City's needs Presently there is a 100,000 gallon storage tank, which does not adequately provide for the water needs of the community during these low-flow times. Funding was appropriated during the last legislative session to provide for increasing the water storage capacity, but even this $125,000 appropriation is not expected to satisfactorily meet the City's water supply needs during the low flow conditions. This need will become all the more critical as increased population and development occurs in the Kake area. An additional grant of $125,000 is requested, so that an adequately sized water supply storage tank can be designed and installed to meet the City of Kake's foreseeable water supply needs.

6) Describe Need for Project The present water storage tank is grossly undersized for providing water supply to meet the City of Kake's needs during period of low water flow in Gunnuk Creek. With sufficient funding now, a properly sized water storage tank can be designed to truly meet the City's water supply needs during most if not all water flow conditions in Gunnuk Creek.

7) List specific health benefits resulting from construction of this project.

More reliable water system, thereby providing water for sanitation and hygiene purposes during virtually all water flow conditions in the City of Kake's water source. The City's water needs would be more adequately met during nearly all weather and water source conditions, thereby providing for adeuate sanitation and hygiene conditions to occur throughout the year.

8) Existing population directly benefiting from this project:

555 persons

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: _____

b) Improve Receiving Water Quality: _____

c) Reduce Wind Blown Litter: _____

d) Other: Greater reliability of City water supply source

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 100% %

b) Industrial 100% %

c) Fire Protection 100% %

11) Project Schedule:

a) Date Design to be Initiated: March, 1983

b) Date Design to be Completed: April, 1983

c) Anticipated Date of Construction Start: June-July, 1983

d) Anticipated Date of Construction Completion: October, 1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: $125,000

b) Federal Grant: -

c) State Revenues: (List) -

d) ADEC Grant: $125,000

e) Other: _____

13) Total Estimated Grant Request: $125,000

14) Total Estimated Project Cost: $250,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

If funds are not available from ADEC, then the existing funds of $125,000 will be used to design as large a water storage tank as possible. However, this reduced water storage tank size is not expected to be adequate to meet the City of Kake water needs during period of low water flow in Gunnuk Creek

16) List any comprehensive planning document recommending this project.

COMMUNITY PRIORITIES - CITY OF KAKE, approved by the City Council, City of Kake, in January 1982

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? ____ Yes. XX No.

18) If yes, list earlier phases and explain their relationship to this project.

RANKED 9/15/82
EMK

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Keith Kornelis Telephone 283-7535 Date August 4, 1982

2) Municipality Represented: City of Kenai

3) Name of Project: Candlelight, Linwood, Aurora Water & Sewer Improvements

4) Local priority of this project compared to other questionnaires submitted by the municipality # 1

5) Type of Project: Water X Sewage X Solid Waste ____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

Plans and Specifications on this project were mailed to ADEC on June 8, 1982.

Attachment A. Location Map

Attachment B. Grant Application mailed 6/8/82 and is attached

Attachment C. Letter of eligibility from ADEC dated July 2, 1982 is attached

6) Describe Need for Project See attached.

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Environmental Conservation

7) List specific health benefits resulting from construction of this project.

See Attached.

Local wells have discoloration and bad tasting water.

Local septic tanks failing.

8) Existing population directly benefiting from this project:

31 families

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: yes, high water table

b) Improve Receiving Water Quality:

c) Reduce Wind Blown Litter:

d) Other:

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 100 %

b) Industrial %

c) Fire Protection 100 % of the Residential/Commercial

11) Project Schedule:

a) Date Design to be Initiated:

b) Date Design to be Completed: Completed

c) Anticipated Date of Construction Start: As soon as funded

d) Anticipated Date of Construction Completion: Fall 1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source:

b) Federal Grant:

c) State Revenues: (List) State Legislative Funds

50 percent $ 535,000

this project.

d) ADEC Grant: 50 percent $ 535,000

e) Other: _____

13) Total Estimated Grant Request: $ 535,000

14) Total Estimated Project Cost: $1,070,000

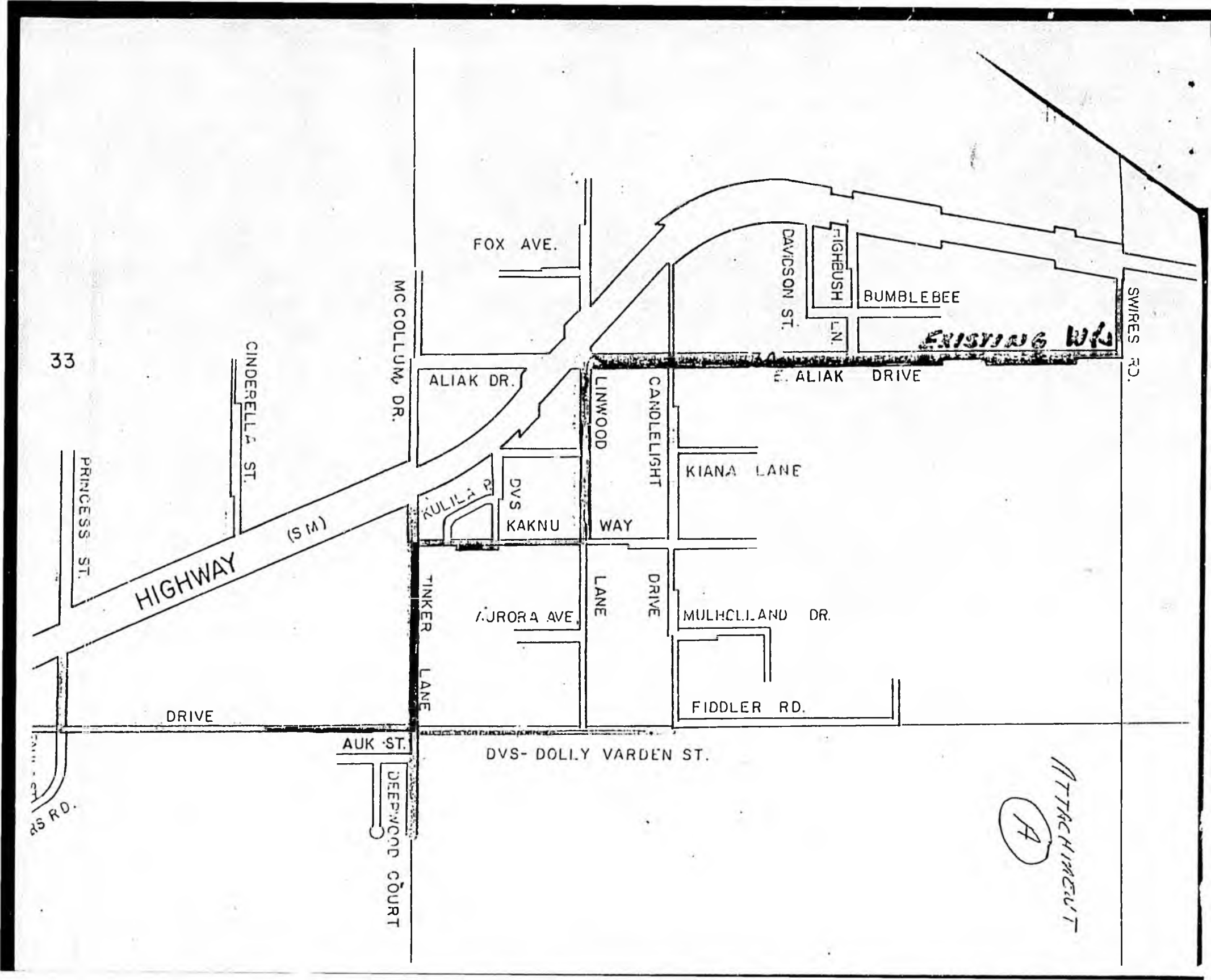
15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

Excavating, backfilling with sand and gravel, utility relocating, surface drainage, and landscaping to be done in conjunction with this water and sewer project.

16) List any comprehensive planning document recommending this project.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? ____Yes. __X__No.

18) If yes, list earlier phases and explain their relationship to this project.


FOX AVE.
MC COLLUM DR.
ALIAK DR.
CINDERELLA ST.
PRINCESS ST.
HIGHWAY (SM)
33
DAVIDSON ST.
FIGHEUSH
LN.
BUMBLEBEE
SWIRES RD.
E. ALIAK DRIVE
LINNWOOD
CANDLELIGHT
KIANA LANE
DVS KAKNU
WAY
TINKER LANE
AURORA AVE
LANE
DRIVE
MULHOLLAND DR.
FIDDLER RD.
DRIVE
AUK ST.
DVS- DOLLY VARDEN ST.
DEERWOOD COURT
ATTACHMENT A

ATTACHMENT

FOR

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

A. Brief Project Narrative

This project is to provide water and sewer mains to Candlelight Drive and Linwood Lane which are two streets centrally located within the City of Kenai. The Candlelight waterline would be approximately 3,939 LF and extends from the Kenai Spur Highway to Fiddler Road and back to Lawton Drive. It would include approximately 4,321 LF of sewer main on Candlelight and Kaknu Way. It would also provide approximately 2,621 LF of water main on Linwood Lane from Kaknu Way to Lawton Extended. The sewer that would be provided by the project on Linwood Lane would be approximately 2,675 LF. There has been a large outcry for the need of this facility from the citizens in this area. There are 26 total lots on Candlelight Drive owned by a total of 22 different people. Linwood Lane has a total of 12 lots owned by 9 people. Approximately one half of the people on these streets signed a petition requesting improvements to their water and sewer system. Although the water in the individual wells has been tested and found to be sanitary, the occupants complained of discoloration and bad tasting water. Because of the high water table in the area, many of the septic tanks have to be rebuilt and maintained at a cost above normal. The City of Kenai has recently enlarged our wastewater treatment plant facilities that would enable us to handle approximately 1.3 million gallons per day. Normal flow from our present users happens to be approximately 500,000 gallons per day. Therefore, our existing plant is more than adequate to handle the additional facilities. This project is an existing need and has been labled as one of the top priorities for water and sewer within the City of Kenai.

B. Engineering Plans and Specifications

Coming under a separate cover is a set of engineering plans and specifications for two projects, one entitled, "Candlelight Drive Sewer and Water Improvements," and the other, "Linwood Lane Sewer and Water Improvements." The City of Kenai, utilizing its own funds, contracted with Wince, Corthell, Bryson, a consulting engineer to design this project. Wince, Corthell, Bryson has also designed gravel improvements for these two streets which essentially has been three separate projects. The $11,000 listed on the cost summary of this grant application is for the design firm to incorporate the three projects into one major project. When the three projects are combined, the City of Kenai would send a revised set of plans and specifications, but there

would be only minor changes made to the ones that we are presently submitting.

C. Other Grant Awards

The City of Kenai does not have any other grants on this project.

D. Force Account Basis

The City of Kenai does not plan to use any force account on this project.

E. Engineering Contract

Enclosed is a copy of the contract between the City of Kenai and the engineering firm, Wince, Corthell, Bryson, for the design of this project. The cost for this design work has been borne solely by the City of Kenai. Also enclosed is a copy of the form that the City of Kenai uses for project management coordination and engineering inspection services. This is the type of form that would be used should the City receive the funds for its construction. Since I am the author of this form, I would encourage any and all comments or critism concerning it.

F. Itemized Construction Cost Estimate

A rough estimate that was used in coming up with the cost summary was $56/per LF for the 3,939 LF on Candlelight water, $49/LF for the 4,321 LF of Candlelight sewer, $69/LF for 2,621 LF of Linwood water, and $55/LF for the 2,675 LF of Linwood sewer.

G. New Equipment

The City of Kenai is not requesting any new equipment.

H. Other Costs

The City of Kenai at this time does not foresee any other costs other than those listed on the attached cost summary.

Ranked 9/3/82
EVRH

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Keith Kornelis Telephone 283-7535 Date August 4, 1982

2) Municipality Represented: City of Kenai

3) Name of Project: Evergreen, Haller, McKinley, 3rd, & 4th Water & Sewer Improvements

4) Local priority of this project compared to other questionnaires submitted by the municipality # 2

5) Type of Project: Water X Sewage X Solid Waste

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

This project is to provide water and sewer mains for use by residents on Evergreen St., Haller St., McKinley St., and 4th Avenue. There are approximately 21,000 feet of water and sewer mains on this project. See enclosed location map. There is an existing 10" DIP water main and a 16" DIP sewer main that goes from Forest Drive through the project that was partially funded by ADEC last year. That past project was called N. Kenai Spur Water & Sewer Forest Drive to Redoubt and went through Section 36.

6) Describe Need for Project There have been many requests from the residents in this area. The water in this area has a very rusty color to it, probably high in iron and a very bad odor. Many residents in this area haul in their water especially for drinking.

7) List specific health benefits resulting from construction of this project.

Residents who presently haul in their water would be on the City services and not have that possible chance of drinking water contamination.

8) Existing population directly benefiting from this project:

Approximately 50 structures or 40 families

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: X

b) Improve Receiving Water Quality: _____

c) Reduce Wind Blown Litter: _____

d) Other: _____

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 100 %

b) Industrial _____ %

c) Fire Protection 100 % of Residential/Commercial

11) Project Schedule:

a) Date Design to be Initiated: October, 1982

b) Date Design to be Completed: February, 1983

c) Anticipated Date of Construction Start: May, 1983

d) Anticipated Date of Construction Completion: October, 1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: _____

b) Federal Grant: _____

c) State Revenues: (List) State Legislative Funds

50 percent $700,000

d) ADEC Grant: 50 percent $700,000

e) Other: _____

13) Total Estimated Grant Request: $700,000

14) Total Estimated Project Cost: $1,400,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

Excavating, backfilling, utility relocating, surface drainage, and landscaping are to be done in conjunction with this water and sewer project.

16) List any comprehensive planning document recommending this project.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? ____Yes. X No.

18) If yes, list earlier phases and explain their relationship to this project.

H KENAI SPUR (3M)
36
FOREST DRIVE(S M)
WESTWOOD C.
CEDAR DR
OAK AVE.
FD
LD
PINE
HEMLOCK AVE.
ASH AVE.
FIFTH AVE.
FOURTH AVE.
COTTONWOOD C.
EVERGREEN ST.
HALLER STREET
MC KINLEY ST.
EXISTING
WF3
SPRUCE STREET
THIRD AVE.
BIRCH
ASPEN ST.
SECOND STREET
FIRST AVE.
T6N
T5N
R12W
R11W
TANAGA AVE.
SALMO C.
GILL ST.
DRIVE
FATHOM
STELLAR DR
TOYON WAY
STREET

Ranked 9/2/82. EMK

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assista under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Nowland D. Bambard, P.E. Telephone 262-4441 Date 8-27-82

2) Municipality Represented: Kenai Peninsula Borough

3) Name of Project: Ninilchik Landfill

4) Local priority of this project compared to other questionnaires submitted by the municipality # 2

5) Type of Project: Water - Sewage Solid Waste XXXX

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to har increased demand as a result of this project):

Developement of landfill to serve the residents of Ninilchik and surrounding areas.

6) Describe Need for Project Garbage presently hauled to either Soldotna Landfill or Homer Landfill. Growth in area sometimes causes garbage to accumalate faster than can be hauled away.

7) List specific health benefits resulting from construction of this project.

Reduction of radside litter from highway, vector contract, decrease in residence time at containers.

8) Existing population directly benefiting from this project:

500

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: _____

b) Improve Receiving Water Quality: _____

c) Reduce Wind Blown Litter: Yes

d) Other: Reduce vectors/ odor control

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 100 %

b) Industrial _____ %

c) Fire Protection _____ %

11) Project Schedule:

a) Date Design to be Initiated: January 1983

b) Date Design to be Completed: March 1983

c) Anticipated Date of Construction Start: July 1983

d) Anticipated Date of Construction Completion: September 1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: 50%

b) Federal Grant: _____

c) State Revenues: (List) _____

d) ADEC Grant: 50%

e) Other: _____

13) Total Estimated Grant Request: 75,000

14) Total Estimated Project Cost: 150,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

N/A

16) List any comprehensive planning document recommending this project.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? _____ Yes. XXXX No.

18) If yes, list earlier phases and explain their relationship to this project.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Jack Pearson Telephone 225-3111 Date 8/10/82

2) Municipality Represented: City of Ketchikan

3) Name of Project: Mental Health Facility Site Development Sewer & Water

4) Local priority of this project compared to other questionnaires submitted by the municipality # 2

5) Type of Project: Water x Sewage x Solid Waste

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

This project is located in the West end of Ketchikan. It consists of the extension of City street, water, and sewer systems in Fifth Avenue to the new Mental Health Facility site.

6) Describe Need for Project The existing Mental Health Facility is extremely outdated and over crowded. This project will extend City services to the new building site.

7) List specific health benefits resulting from construction of this project.

The ground water will not be contaminated because the sewage will be collected and conveyed to the City's wastewater treatment facility.

8) Existing population directly benefiting from this project:

8400

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: _____

b) Improve Receiving Water Quality: _____

c) Reduce Wind Blown Litter: _____

d) Other: Will prevent contamination of ground water

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 100 %

b) Industrial _____ %

c) Fire Protection _____ %

11) Project Schedule:

a) Date Design to be Initiated: _____

b) Date Design to be Completed: October 1982

c) Anticipated Date of Construction Start: November 1982

d) Anticipated Date of Construction Completion: April 1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: Sales Tax

b) Federal Grant: _____

c) State Revenues: (List) _____

d) ADEC Grant: 50% of sewer/water related costs

e) Other: _____

13) Total Estimated Grant Request: $34,600

14) Total Estimated Project Cost: $186,800

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

None

16) List any comprehensive planning document recommending this project.

None

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? ____Yes. XX No.

18) If yes, list earlier phases and explain their relationship to this project.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Jack Pearson Telephone 225-3111 Date 7/29/82

2) Municipality Represented: City of Ketchikan

3) Name of Project: Hawkins-Carlanna Streets

4) Local priority of this project compared to other questionnaires submitted by the municipality # 4

5) Type of Project: Water x Sewage x Solid Waste

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

This project consists of constructing a sanitary sewer system and water distribution system in an existing gravel street. Both sewer and water system with tie into existing systems. This project is located in the Carlanna district, on the west end of Ketchikan.

6) Describe Need for Project The housing shortage in Ketchikan is unusually high, and this project will provide 11 buildable residential lots.

7) List specific health benefits resulting from construction of this project.

The project will prevent contamination of the ground water by sewage

8) Existing population directly benefiting from this project:

8400

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: _____

b) Improve Receiving Water Quality: _____

c) Reduce Wind Blown Litter: _____

d) Other: Will prevent contamination of ground water

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 100 %

b) Industrial _____ %

c) Fire Protection _____ %

11) Project Schedule:

a) Date Design to be Initiated: _____

b) Date Design to be Completed: Complete

c) Anticipated Date of Construction Start: October 1, 1982

d) Anticipated Date of Construction Completion: April 1, 1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: Cost of project assessed against benefited lots

b) Federal Grant: _____

c) State Revenues: (List) _____

d) ADEC Grant: 50% water/sewer related costs

e) Other: _____

13) Total Estimated Grant Request: $90,717

14) Total Estimated Project Cost: $306,644

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

None

16) List any comprehensive planning document recommending this project.

None

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? _____Yes. __x__No.

18) If yes, list earlier phases and explain their relationship to this project.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Jack Pearson Telephone 225-3111 Date 7/29/82

2) Municipality Represented: City of Ketchikan

3) Name of Project: Heath Addition

4) Local priority of this project compared to other questionnaires submitted by the municipality # * 5

5) Type of Project: Water x Sewage x Solid Waste

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

This project is located in the Heath Subdivision on the west end of Ketchikan. It consists of the extension of City streets, water, and sewer systems into Jefferson, Sixth Avenue, and Adams Street

6) Describe Need for Project The housing shortage is unusually high, and this will provide 24 buildable residential lots

7) List specific health benefits resulting from construction of this project.

The ground water will not be contaminated because the sewage will be collected and conveyed to the City's Wastewater Treatment facility

8) Existing population directly benefiting from this project:

8400 no avg

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: _____

b) Improve Receiving Water Quality: _____

c) Reduce Wind Blown Litter: _____

d) Other: Will prevent contamination of ground water

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 100 %

b) Industrial _____ %

c) Fire Protection _____ %

11) Project Schedule:

a) Date Design to be Initiated: _____

b) Date Design to be Completed: Completed

c) Anticipated Date of Construction Start: November 1982

d) Anticipated Date of Construction Completion: April 1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: Cost of project assessed against benefited lots

b) Federal Grant: _____

c) State Revenues: (List) _____

project.
e will

d) ADEC Grant: 50% of water/sewer related costs

e) Other: _____

13) Total Estimated Grant Request: $196,723

14) Total Estimated Project Cost: $670,254

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

None

16) List any comprehensive planning document recommending this project.

None

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? ____Yes. x No.

18) If yes, list earlier phases and explain their relationship to this project.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Jack Pearson Telephone 225-3111 Date 8/10/82

2) Municipality Represented: City of Ketchikan

3) Name of Project: Washington Park Addition

4) Local priority of this project compared to other questionnaires submitted by the municipality # 6

5) Type of Project: Water x Sewage x Solid Waste

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

This project consists of the extension of City streets, water, and sewer systems from Schoenbar Avenue to the proposed Washington Park Addition development. This project is located in the Bear Valley area of the City of Ketchikan.

6) Describe Need for Project The housing shortage is unusually high, and this will provide water, sewer, and access to the proposed condominiums

7) List specific health benefits resulting from construction of this project.

The groundwater will not be contaminated because the sewage will be collected and conveyed to the City's wastewater treatment facility

8) Existing population directly benefiting from this project:

8400

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: _____

b) Improve Receiving Water Quality: _____

c) Reduce Wind Blown Litter: _____

d) Other: Will prevent contamination of ground water

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 100 %

b) Industrial _____ %

c) Fire Protection _____ %

11) Project Schedule:

a) Date Design to be Initiated: _____

b) Date Design to be Completed: Completed

c) Anticipated Date of Construction Start: December 1982

d) Anticipated Date of Construction Completion: December 1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: Cost of project assessed against benefited property

b) Federal Grant: _____

c) State Revenues: (List) _____

is project.

d) ADEC Grant: 50% of water/sewer related cost

e) Other: _____

13) Total Estimated Grant Request: $303,498.00

14) Total Estimated Project Cost: $1,200,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

None

16) List any comprehensive planning document recommending this project.

None

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? _____Yes. __x__No.

18) If yes, list earlier phases and explain their relationship to this project.

Ranked
9/5/82 EMW

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Ronald E. Guest P.E. Telephone 206-623-6000 Date 8-31-82

2) Municipality Represented: Ketchikan Public Utilities

3) Name of Project: Fairview Avenue - Jackson Street Water Transmission Line

4) Local priority of this project compared to other questionnaires submitted by the municipality # 1

5) Type of Project: Water X Sewage _____ Solid Waste _____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

Refer to previously submitted grant application

RECEIVED
SEP 1982
Department of Environmental Conservation

6) Describe Need for Project Refer to previously submitted grant application

7) List specific health benefits resulting from construction of this project.

none

8) Existing population directly benefiting from this project:

4,250

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: —

b) Improve Receiving Water Quality: —

c) Reduce Wind Blown Litter: —

d) Other: —

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 80 %

b) Industrial 0 %

c) Fire Protection 20 %

11) Project Schedule:

a) Date Design to be Initiated: Oct. 1982

b) Date Design to be Completed: Feb. 1983

c) Anticipated Date of Construction Start: April 1983

d) Anticipated Date of Construction Completion: July 1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: $193.375

b) Federal Grant:

c) State Revenues: (List)

d) ADEC Grant: $161,575

e) Other:

13) Total Estimated Grant Request: $161,575

14) Total Estimated Project Cost: $354,950

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

Gravina Heights Pump Station, Storage Tank, and 10" Transmission Line

16) List any comprehensive planning document recommending this project.

City of Ketchikan Alaska Comprehensive Water Plan

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? ____ Yes. _X_ No.

18) If yes, list earlier phases and explain their relationship to this project.

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Name of Applicant: Ketchikan Public Utilities

Applicant Mailing Address: 334 Front Sreet, Ketchikan, AK 99901

Application Prepared by: Ronald E. Guest, P.E.

Title: Project Engineer

Type of Application: X Initial _____ Revised

Type of Project X Water _____ Sewerage _____ Both

Project Descriptive Title: Transmission line from Fairview to Jackson St. on the 502 foot pressure system

Estimated Project Period: June 15, 1982 Start ' July 1983 Finish

Amount of State Grant Funds Requested from ADEC: $161,575.00

Source of Applicants Funding for Project: General Revenue

The applicant certifies that to the best of his/her knowledge and belief that the data contained in this application are true and correct and that all titles and easements necessary to provide clear title or authority to construct and maintain the proposed project shall be obtained. Failure to comply with this certification will be cause for the Department to withhold grant award or withdraw a grant offer that may have been extended.

Robert E. Arnold	Utilities Manager	5-12-82
Typed Name	Title	Date

by Patrick D'Amaloney, P.E.

Signature

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

ESTIMATED COST SUMMARY

COST CLASSIFICATION	ESTIMATED COST
ELIGIBLE PROJECT COSTS	
1. Administrative Expenses*	$ 2,400
2. Legal Expenses*	2,400
3. Engineering Design Fees	15,500
4. Project Inspection and Surveying	28,600
5. Construction (Attachment F Required)	238,450
6. Equipment (Itemize in Attachment G)	Ø
7. Other costs (Itemize in Attachment H)	Ø
8. Project Contingencies 10%	33,800
9. Subtotal Lines 1-8	$323,150
10. Amount of Line 9 provided by Federal Grants	Ø
11. Amount of Line 9 provided by Applicant	161,575
12. Amount of Line 9 provided by Other State Agencies	Ø
13. Amount of Line 9 Requested from ADEC	$161,575
INELIGIBLE PROJECT COSTS	
14. Land and Easement Acquisition Costs	6,700
15. Purchase of Private Utilities	Ø
16. Finance Charges	25,100
17. Comprehensive Plans and Feasibility Studies	Ø
18. Grant Preparation Costs	Ø
19. Subtotal Lines 14-18	31,800
20. Total Project Costs - Add Lines 9 & 19	$354,950

* Eligibility of these expenses is limited to costs incurred by the applicant as a direct result of the project. Salaries of existing staff working normally schedul hours are not grant eligible.

Fairview - Jackson Street

Transmission Line

ATTACHMENT A

At the northern end of Jackson Street is a 0.2 mg reservoir with ground and overflow elevations of 400 and 425 feet respectively. This reservoir, originally installed when the old crib dam failed, served the City as a storage facility. Since construction of the new dam, this reservoir has been used as a regulator on the 425 foot pressure system from the Carlanna source.

Seven pressure zones exist within this area (Gravina Heights subdivision). In the lowest pressure zone, which is part of the 425 foot pressure system, ten lots are proposed and could be served by the existing Jackson Street line. The second zone however is within the 502 foot pressure system and in order to serve these lots it is necessary to install this proposed line extending from Fairview Avenue to Jackson Street. This line would also serve the area adjacent to this proposed line. The other zones cannot be served by gravity flow and therefore would necessitate the construction of a pump station in the future in the vicinity of the 0.2 mg tank.

A computer analysis was performed as part of the recent comprehensive water plan prepared by URS for the Ketchikan Public Utilities. Based on that analysis, it was determined that a 660,000 gallon reservoir would ultimately need to be constructed with an overflow elevation of 950 feet. This tank would maintain a static pressure of 40 psi and would provide approximately 430,000 gallons for standby, 110,000 gallons for equalizing and 120,000 gallons for fire flow. In addition, the analysis called for the proposed Fairview - Jackson transmission line to be a 12" line which would provide service as mentioned above as well as be compatible with the comprehensive plan which requires this line to feed the 660,000 gallon tank.

The area which will benefit from the facilities proposed under this grant is completely sewered at this time. Adjacent to the proposed line, any development that may occur would, by ordinance, be required to be sewered. The sewer facilities and the future wastewater treatment facility are capable of handling the additional quantity of wastewater resulting from the facilities proposed herein.

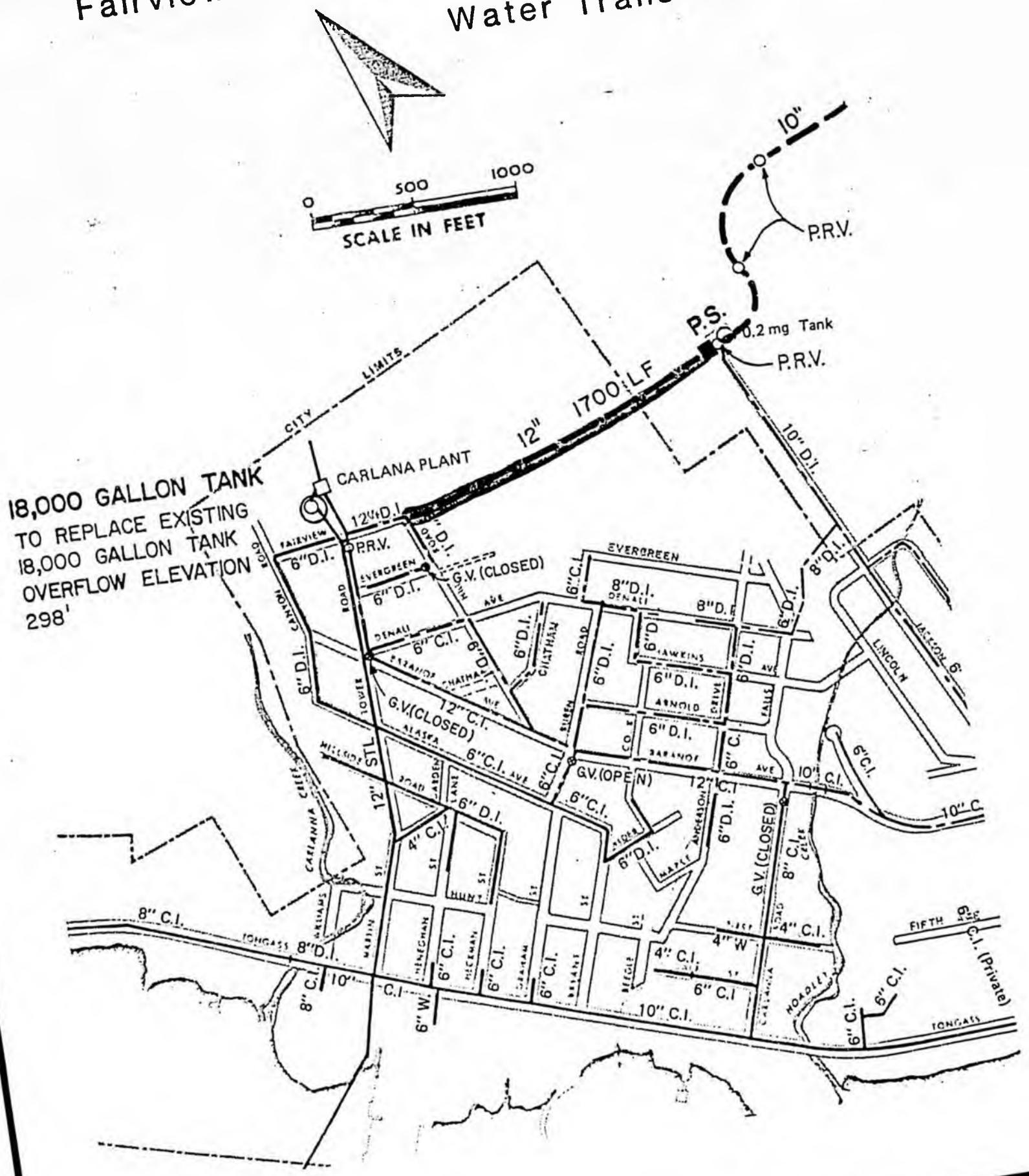
Water to the proposed line would be supplied from the Carlanna Plant. This source is capable of handling the demand which would be placed upon it. It is difficult at this time to predict the effect of the proposed line on development in the surrounding areas.

The area which will benefit from the proposed facilities includes a residential area in the Gravina Heights area. The approximate residential acreage noting immediate and direct benefit is approximately 25 acres or an equivalent residential population of 300 people.

However, the system comprised of the Fairview - Jackson Line, Pump Station, and 660,000 gallon tank could ultimately benefit nearly half of the Ketchikan population.

Attachment P

Fairview Avenue--Jackson Street Water Transmission Line



ATTACHMENT F

Cost Estimate for the Construction of

Fairview - Jackson Street

Water Transmission Line

1700 L.F. 12" D.I. @ $90	$153,000
Appurtenances @ 25%	38,300
Rock Excavation	47,200
1700 L.F. x $\frac{3 \text{ ft} \times 5 \text{ ft}}{27 \text{ ft}^3/\text{CY}}$ x $50/CY	
Total Construction Costs	$238,450
Eligible Allied Costs @ 20.3%	48,900
Contingency @ 15%	35,800
TOTAL ELIGIBLE COSTS	$323,150
Ineligible Allied Costs @ 13.3%	31,800
TOTAL PROJECT COSTS	$354,950

WATER AND SEWER

MASTER PLAN UPDATE

PREPARED FOR:

CITY OF NOME, ALASKA AND THE
NOME JOINT UTILITY BOARD

PREPARED BY:

QUADRA ENGINEERING, INC.
ANCHORAGE, ALASKA

REVISED TO FINAL
NOVEMBER 1982

added operation and maintenance costs incurred by the City, in addition to the questions on reliability of this source over a wide range of conditions, the use of the Snake River as an alternate water supply is not recommended.

We have investigated several U.S.G.S. and other reports on water supplies in Nome. Several aquifers located in the Nome area provide a good supply of water when wells are placed within the aquifer. The best producer by far is the present supply at Moonlight Springs. The Pioneer Water Co. and the Bronson Water Co. have operated wells with 300 and 200 gpm yield respectively. Both companies used filters and softeners on the water they produced. The Pioneer well is located near the FAA housing facility and the Bronson well is located off Bering Street near the Municipal Airport. While further detailed investigations are required, it is recommended that a well site near the new reservoir be selected that could deliver at least 300 gpm. This would not only provide added protection to the City water supply, but would also permit the repair of the existing reservoir as discussed in Section D. There is also a potential for supplying water to Icy View with wells rather than pumping from town, as addressed in Section F.

Investigations on alternate supply sources should be initiated as soon as funds are available.

D. Transmission and Storage

The condition of the transmission line from Moonlight Springs was not obvious and it is at least questionable at this point in its service life. While alteration to this line is not recommended, service and investigations of the vents along the line are required. These appear to have been neglected in the past.

Nome-
Water
Reservoir

The description of the existing reservoir and recommendations contained in the Master Plan are still valid. Once the new reservoir is installed, the existing reservoir should be repaired. This would be accomplished by pressure grouting the cracks or other acceptable means to ensure that leaks will no longer be a problem.

Two possible sites for the new reservoir were investigated. One was located at the existing site and one was in town. A new reservoir cannot be located at the existing site because the required 2,000 gpm fire flow cannot be delivered to town through the existing 10 inch main due to pressure loss. All design criteria are met by the in-town reservoir site, there are

suitable soils at the proposed location and, from this site, the proposed system will be capable of functioning over all ranges of expected flows, including 2,000 gpm fire demands. The installation of 1,000,000 reservoir in town with pumps to deliver flow to the system is therefore recommended. The reservoir should be above ground and will require a boiler for heat addition to prevent freezing. The reservoir will be primarily used at times of peak flow or during periods of fire demand. While it can be refilled in the appropriate amount of time by the existing supply system, an alternate water supply to the reservoir either from Moonlight Springs or a new well supply is recommended. Further investigations will be required to determine the source of this alternate supply.

E. Other Components

The present piping system at the existing water reservoir has been altered many times over the years. An extensive effort is required to prepare as-built drawings of this piping so that existing drawings and schematics can be updated to reflect the actual condition. Several items of equipment should be repaired or replaced. These include pressure and temperature measurement devices, Bristol flow meter, and other water measurement devices. QUADRA Engineering, Inc. is currently performing this task and final recommendations will be made after this work is complete. After the as-builting process, we will tag and number existing valves for a more complete understanding of operation and maintenance of this facility.

F. Proposed Water System Improvements

Water system improvements will be provided by phased construction. Some of the improvements recommended in the Master Plan have already been completed, as discussed earlier. Phased construction is recommended as follows:

PHASE I (Constructed 1982)

1. W. E Street from W. 1st Ave. to W. 4th Ave.
   - 4 inch water, 1087 feet.

2. W. 4th Ave. from W. E Street to W. D Street
   - 4 inch water, 370 feet.

3. W. 2nd Ave. from W. E Street to W. D Street
   - 4 inch water, 370 feet.

4. W. 1st Ave. from W. E Street to W. D Street
   - 4 inch water, 593 feet.

Blocking 2 @ $200.00 each	= $ 400.00
Miscellaneous	= $ 2,000.00
Total cost Phase IB - water	= $ 225,600.00
Total cost Phase IA & Phase IB - water	= $2,872,890.00

PHASE II

Direct buried, insulated and heat traced water pipe.

4 inch diameter 950 feet @ $130.00 per foot	= $ 123,500.00
6 inch diameter 2050 feet @ $140.00 per foot	= $ 287,000.00
8 inch diameter 7260 feet @ $168.00 per foot	= $1,219,680.00
Hydrants 18 @ $17,000.00 each	= $ 306,000.00
Blocking 7 @ $500.00 each	= $ 3,500.00
Valves 6 - 8 inch @ $3,600.00 each	= $ 21,600.00
3 - 6 inch @ $3,100.00 each	= $ 9,300.00
New Reservoir	= $1,000,000.00
Total cost Phase II - water	= $2,970,580.00

PHASE III

Service to Airport:

6 inch diameter 2000 feet @ $101.00 per foot	= $ 202,000.00
3 inch diameter 2000 feet @ $91.00 per foot	= $ 182,000.00
Hydrant 1 @ $17,000.00	= $ 17,000.00
Valves 2 @ $3,090.00 each	= $ 6,200.00

117 gpm @ 31 feet TDH
1750 rpm 3 hp motor
Duplex Flygt Pumping Station
- 4 inch force main, 1475 feet

*15. Campbell Way from Front Street to E. 3rd Ave.
- 8 inch sewer, 395 feet.

*16. Carstens Way from Front Street to E. 3rd Ave.
- 8 inch sewer, 300 feet.

17. E. K Street from Front Street to E. 3rd Ave.
- 8 inch sewer, 360 feet.

*18. Polaris Alley between W. 1st Ave. and W. 2nd Ave. from Bering Street to W. C. Street
- 8 inch sewer, 298 feet.

*19. Tobuck Alley between 4th and 5th off W. C Street

Tobuck Alley between 4th and 5th - Division to E. C Street

2nd Street to Division - Division between 2nd and 3rd
- 8 inch sewer, 1115 feet.

* Streets added to Phase IA

PHASE IB

Belmont Point

None
Belmont Pt
Sewer

There are three alternatives for sewage collection and disposal at Belmont Point. Life cycle costs were obtained using the procedure outlined at the airport above. They are as follows:

1. Piped back to City system.

Gravity lines would serve the area to a package lift station and flow will be pumped to W. E Street via the airport force main.

800- feet - 8 inch sewer @ $134.00 per foot	= $	107,300.00
*600 feet - 4 inch force main @ $111.00 per foot	= $	66,700.00
3 manholes @ $9,060.00 each	= $	27,200.00
Package Lift Station including operation and		

maintenance costs	= $ 269,000.00
Total estimated cost	= $ 470,200.00

*If airport alternate 2 were selected, an additional 1600 feet of 4 inch force main will be required.

Cost = $177,900.00

2. Package Treatment Plant with discharge to Snake River.

850 feet - 8 inch sewer @ $134.00 per foot	= $ 114,000.00
3 manholes @ $9,060.00 each	= $ 27,200.00
Package Plant including operation and maintenance costs	= $2,116,700.00
Total estimated cost	= $2,257,900.00

3. Localized treatment with soil absorption drain field located in possible thaw area near Snake River.

850 feet - 8 inch sewer @ $134.00 per foot	= $ 114,000.00
3 manholes @ $9,060.00 each	= $ 27,200.00
Soil Absorption System including operation and maintenance costs	= $2,757,100.00
Total estimated cost	= $2,898,300.00

We recommended Alternative 1 for the Belmont Point improvements and it is planned for construction in 1983.

PHASE II

1. E. 6th Ave. from Reservoir to E. N Street - 8 inch sewer, 3250 feet.

2. E. I Street from E. 6th Ave. to E. 5th Ave. - 8 inch sewer, 350 feet.

3. E. 5th Ave. from Steadman to E. G Street - 8 inch sewer, 1310 feet.

PHASE IA

Direct buried, insulated, and heat traced water piping.

8 inch diameter		
4329 feet @ $159.00 per foot	= $	648,000.00
6 inch diameter		
6340 feet @ $125.00 per foot	= $	792,500.00
4 inch diameter		
5480 feet @ $120.00 per foot	= $	657,600.00
Valves		
8 inch		
14 @ $3,226.00 each	= $	45,200.00
6 inch		
10 @ $2,756.00 each	= $	27,560.00
4 inch		
5 @ $2,246.00 each	= $	11,230.00
Thrust blocks		
28 @ $400.00 each	= $	11,200.00
Fire hydrants		
28 @ $15,000.00 each	= $	420,000.00
Circulation pumps	= $	34,000.00
Total estimated cost		
Phase IA - water		$2,647,290.00

PHASE IB

Service to Belmont Point:

None

Belmont Pt. Water

6 inch diameter		
1500 feet @ $122.00 per foot	= $	183,000.00
Hydrant		
2 @ $17,000.00 each	= $	34,000.00
Valves		
2 @ $3,090.00 each	= $	6,200.00

Blocking 2 @ $200.00 each	= $ 400.00
Miscellaneous	= $ 2,000.00
Total cost Phase IB - water	= $ 225,600.00
Total cost Phase IA & Phase IB - water	= $2,872,890.00

PHASE II

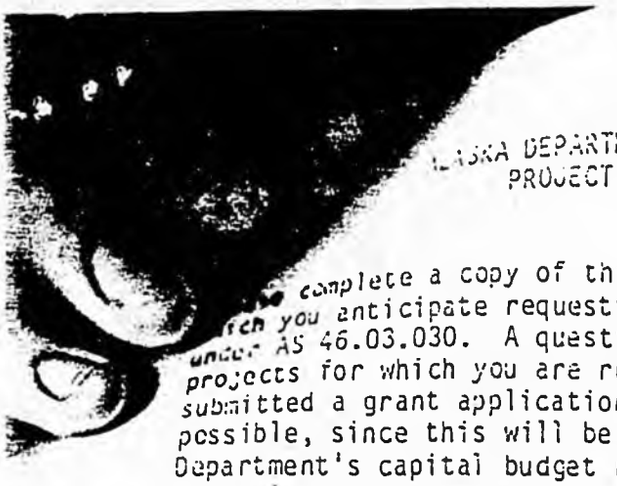
Direct buried, insulated and heat traced water pipe.

4 inch diameter 950 feet @ $130.00 per foot	= $ 123,500.00
6 inch diameter 2050 feet @ $140.00 per foot	= $ 287,000.00
8 inch diameter 7260 feet @ $168.00 per foot	= $1,219,680.00
Hydrants 18 @ $17,000.00 each	= $ 306,000.00
Blocking 7 @ $500.00 each	= $ 3,500.00
Valves 6 - 8 inch @ $3,600.00 each	= $ 21,600.00
3 - 6 inch @ $3,100.00 each	= $ 9,300.00
New Reservoir	= $1,000,000.00
Total cost Phase II - water	= $2,970,580.00

PHASE III

Service to Airport:

6 inch diameter 2000 feet @ $101.00 per foot	= $ 202,000.00
3 inch diameter 2000 feet @ $91.00 per foot	= $ 182,000.00
Hydrant 1 @ $17,000.00	= $ 17,000.00
Valves 2 @ $3,090.00 each	= $ 6,200.00



ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name John C. Fischer Telephone 488-2281 Date August 9, 1982

2) Municipality Represented: City of North Pole

3) Name of Project: North Pole City Water Treatment Plant

4) Local priority of this project compared to other questionnaires submitted by the municipality # 1

5) Type of Project: Water X Sewage _____ Solid Waste _____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

See Grant Application Attachments A thru F

6) Describe Need for Project See Grant Application Attachment "A"

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7) List specific health benefits resulting from construction of this project.

This area is typically underlain with shallow goundwater in alluvial sands and gravels subject to groundwater pollution from septic tank systems. The water treatment plant will make treated water available to residents and eliminate the use of groundwater from on-site wells as a potable water supply.

8) Existing population directly benefiting from this project:

980 people(most recent census figures)within City plus an undetermine number or residents outside City using the facilities with the City.

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: Yes-See 7 Above

b) Improve Receiving Water Quality: No

c) Reduce Wind Blown Litter: No

d) Other: N/A

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 100 %

b) Industrial 100 %

c) Fire Protection 100 %

11) Project Schedule:

a) Date Design to be Initiated: October 1982

b) Date Design to be Completed: April 1983

c) Anticipated Date of Construction Start: June 1983

d) Anticipated Date of Construction Completion: October 1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: See Grant Application Attachment "C"

b) Federal Grant: None

c) State Revenues: (List) See Grant Application Attachment "C"

Attachment "C"

...equest: $780,150

...ed Project Cost: $2,927,100

...other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

N/A

16) List any comprehensive planning document recommending this project.

None

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? ___ Yes. X No.

18) If yes, list earlier phases and explain their relationship to this project.

N/A

ATTACHMENT "A"

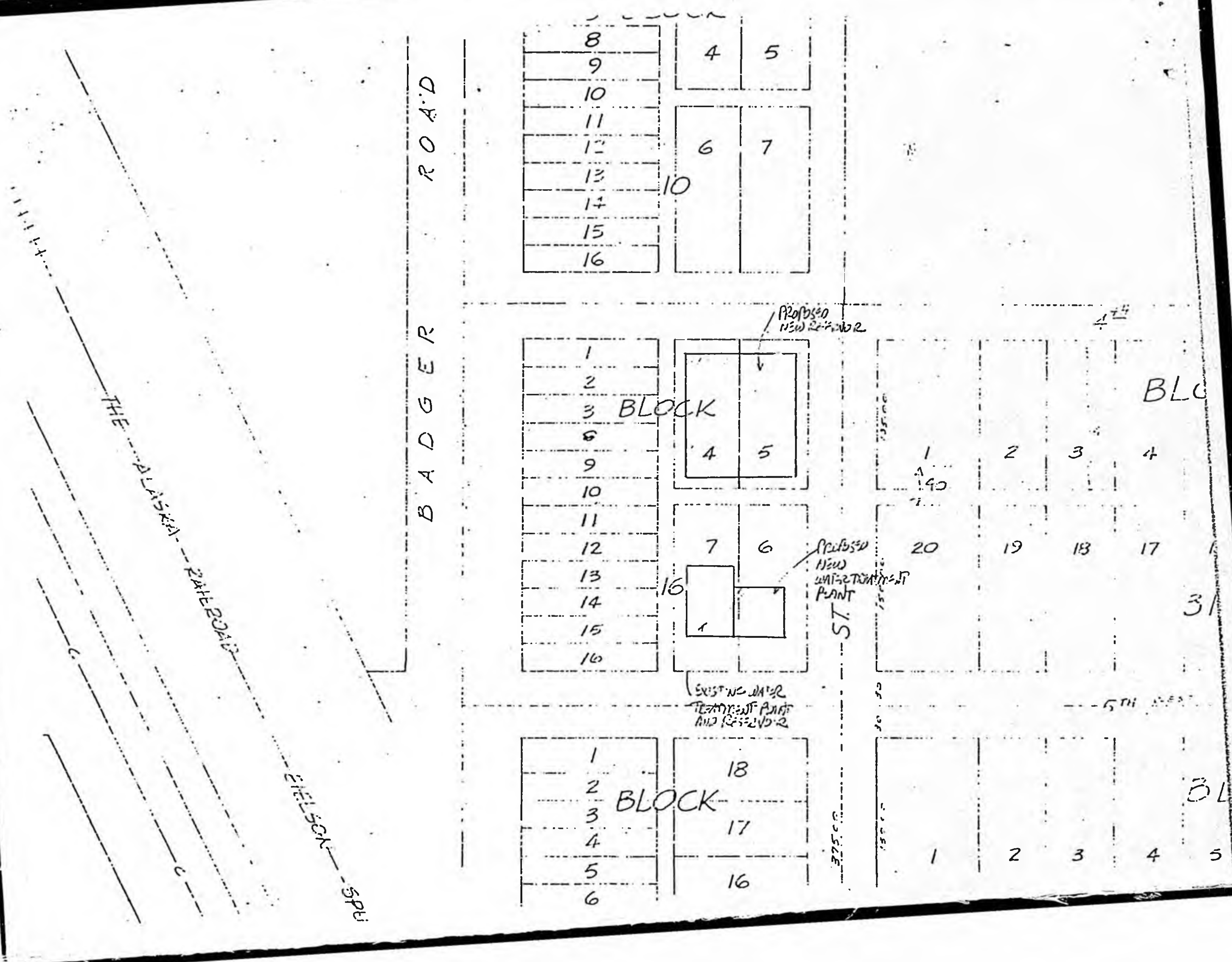
The water treatment facility presently serving the City of North Pole consists of a manganese greensand pressure filtration system fed by either of two existing wells. Filtered water is stored in a 150,000 gallon reservoir, which supplies the City's water distribution system, providing domestic water and fire fighting water upon demand. The system's highest flows occur in summer with daily demands of 75,000 gallons per day. At present there are 121 connections to the distribution system, which include single metered connections for a laundromat, mobile home trailer court, and several apartment house/condominium structures.

The existing filtration plant consists of a single mangenese greensand filter used for iron and manganese removal. During the summer months the water demand frequently exceeds the capability of the filter to produce sufficient water to maintain a full storage reservoir. The City's present distribution system will soon be expanded by the addition of approximately seven miles of 12 inch water transmission main designed to encircle the City and ultimately provide fire protection and water supply for developing areas. The City's present program of providing water supply services to more areas of the City will in turn create a greater demand on the existing water treatment plant.

The City is proposing to replace its existing pressure filtration plant with a new filtration plant with multiple filters sized to handle present and future water demands. Preliminary plans call for the construction of a facility large enough to house a treatment plant sized to handle the 40 year demand. Treatment plant capacity to be installed under this project would handle the 20 year projected demand with space provided to install additional treatment capacity in the future.

A new 1 million gallon reservoir will also be constructed to augment the capacity of the existing 150,000 gallon reservoir. The new reservoir would provide sufficient storage for fire protection, backwash water for the filtration plant, and contingency storage in the event of an interruption of the water supply or treatment.

The project is to be located on the City's existing property and on adjacent property pending aquistion of the property by the City as shown on the attached map.


BADGER ROAD
BLOCK 10
BLOCK 16
BLOCK
BLOCK
PROPOSED NEW RESERVOIR
PROPOSED NEW WATER TREATMENT PLANT
EXISTING WATER TREATMENT PLANT AND RESERVOIR
4TH
5TH
ST
THE ALASKA RAILROAD
EIELSON SPU

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Richard Underkofler Telephone 772 4511 Date 8/10/1982

2) Municipality Represented: City of Petersburg

3) Name of Project: Water Storage Facilities

4) Local priority of this project compared to other questionnaires submitted by the municipality # #1

5) Type of Project: Water X Sewage _____ Solid Waste _____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

Petersburg has insufficient water storage capacity. We currently have only 750,000 gallons of distribution system storage, yet our peak demand for water approaches 2.5 million gallons per day. At a minimum, the addition of one million gallons of distribution system storage is needed to provide for fire protection, to equalize daily peaks in demand, and to provide a two-day emergency reserve.

6) Describe Need for Project See above. A preliminary engineering report has been submitted with this questionnaire.

7) List specific health benefits resulting from construction of this project.

Better water quality as a result of a more "steady-state" operation allowing stabilization of the clarifier and filter processes at the water treatment plant. Greater system pressure stabilization and reserve potable water in the event that feeder lines or mains rupture during winter conditions.

8) Existing population directly benefiting from this project:

3001

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: No

b) Improve Receiving Water Quality: Yes

c) Reduce Wind Blown Litter: No

d) Other: Less filter backwash will be required -- less discharge from plant

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 33 %

b) Industrial 33 %

c) Fire Protection 33 %

11) Project Schedule:

a) Date Design to be Initiated: 9/82

b) Date Design to be Completed: 12/82

c) Anticipated Date of Construction Start: 7/83

d) Anticipated Date of Construction Completion: 11/83

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: $ 294,000 Capital

b) Federal Grant:

c) State Revenues: (List)

d) ADEC Grant: $ 294,000

e) Other: _____

13) Total Estimated Grant Request: $ 294,000

14) Total Estimated Project Cost: $ 588,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

No conflicting schedules

16) List any comprehensive planning document recommending this project.

Engineering Report has been submitted with this Questionnaire.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? ____Yes. __X__No.

18) If yes, list earlier phases and explain their relationship to this project.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name John F. Sevy Telephone 276-2700 (ANC) 383-2696 Date 7-16-82

2) Municipality Represented: City of Sand Point

3) Name of Project: Meadows Subdivision Phase I Water & Sewer

4) Local priority of this project compared to other questionnaires submitted by the municipality # 1

5) Type of Project: Water X Sewage X Solid Waste ____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

(Please refer throughout to application for ADEC assistance submitted by the city of Sand Point on March 22, 1982.)

The project consists of extending municipal water and sewer facilities to a new subdivision containing the new Sand Point school, now under construction, and approximately 80 residential lots needed for community expansion.

The existing municipal water supply will be utilized for water service to the subdivision, however a significant amount of new mains will be necessary owing to elevation differences from the existing city system. A new stand-alone sewage system and treatment plant will also be required.

6) Describe Need for Project A state-funded $8 million school for Sand Poin is presently under construction; the proposed water and sewe system is needed for the school to function and for fire protection. The residential expansion area is vitally needed if Sand Point's population and economic bases are to grow.

7) List specific health benefits resulting from construction of this project.

Normal standards of water and sewerage facilities will be provided to the new school and to the residential properties served by the project.

8) Existing population directly benefiting from this project:

Sand Point's entire population of 800+ will be served by the new school: approximately 200 students will be served and 300+ residents.

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: X

b) Improve Receiving Water Quality: X

c) Reduce Wind Blown Litter: _____

d) Other: _____

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 100 (incl. school)

b) Industrial _____ %

c) Fire Protection 100 (incl. school)

11) Project Schedule:

a) Date Design to be Initiated: preliminary work complete; detailed design to begin with ADEC approval.

b) Date Design to be Completed:

c) Anticipated Date of Construction Start: Originally 6/82, now ?

d) Anticipated Date of Construction Completion: (6 months from start)

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: Construction cost assistance from school construction budget, additional revenues to be raised through local assessment district.

b) Federal Grant: _____

c) State Revenues: (List) Bond funds ($1.3 million) were approved by the 1982 Legislature but vetoed by the Governor.

d) ADEC Grant: $1,867,800

e) Other: _____

13) Total Estimated Grant Request: $1,867,800

14) Total Estimated Project Cost: $3,735,600

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

School construction is presently underway with completion scheduled for summer 1983, school operational by fall term 1983. Water must be provided for domestic & fire protection use by then.

16) List any comprehensive planning document recommending this project.

City of Sand Point 1982 Comprehensive Plan.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? ____ Yes. __x__ No.

18) If yes, list earlier phases and explain their relationship to this project.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name [illegible] Telephone 422-3001 Date 7-7-82

2) Municipality Represented: City of Scammon Bay

3) Name of Project: Water and Sewer

4) Local priority of this project compared to other questionnaires submitted by the municipality #

5) Type of Project: Water X Sewage X Solid Waste

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

To connect all houses that are without water and sewer.

There are 15 houses that are without services.

6) Describe Need for Project The water and sewer are very much needed in these houses. For health purposes at present these houses are using chemical and are getting sick all over the places.

7) List specific health benefits resulting from construction of this project.

The health of individual would be more protected if the water and sewer is connected.

8) Existing population directly benefiting from this project:

250 + People

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: ..

b) Improve Receiving Water Quality: ..

c) Reduce Wind Blown Litter:

d) Other: reduce health problems.

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 95 %

b) Industrial 5 %

c) Fire Protection -0- %

11) Project Schedule:

a) Date Design to be Initiated: January 1988

b) Date Design to be Completed: March 1988

c) Anticipated Date of Construction Start: June 1988

d) Anticipated Date of Construction Completion: September 1988

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: Labor 10,000.00

b) Federal Grant: 12,00.00

c) State Revenues: (List) 300,000.00

d) ADEC Grant: -0-

e) Other: -0-

13) Total Estimated Grant Request: _____

14) Total Estimated Project Cost: _____

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

See 11 a.

16) List any comprehensive planning document recommending this project.

P[illegible].

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? X Yes. ____ No.

18) If yes, list earlier phases and explain their relationship to this project.

The rest of the residence are presently connected with water and sewer and the rest of the residence could be connected easily.

Ranked 9/5/82 SMK

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name Darryl Schaefermeyer Telephone 224-3331 Date 8/20/82

2) Municipality Represented: City of Seward

3) Name of Project: Terminal Addition Resubdivision

4) Local priority of this project compared to other questionnaires submitted by the municipality # 1

5) Type of Project: Water XX Sewage XX Solid Waste

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

This project will provide water and sewer service to the Terminal Addition Resubdivision in Seward, Alaska. The improvements consit of 12,345 Linear feet of 8-inch ductile iron sewer pipe, 16,930 linear feet of 8, 10, 12, and 16-inch ductile iron water line and a 500,000 gallon water reservoir. The improvements will serve apporximately 250 single and multi-family units when the Terminal Addition Resubdivision is fully developed. In addition, the water improvemets will complete necessary portions of Seward's water system that will benefit the entire community.

6) Describe Need for Project Projects is critically needed to provide much needed residential housing space for Seward.

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7) List specific health benefits resulting from construction of this project.

Provide water and sewer service to a moderately large residential subdivision.

8) Existing population directly benefiting from this project:

New subdivision. At full development and estimated 875 people.

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: XXXX

b) Improve Receiving Water Quality:

c) Reduce Wind Blown Litter:

d) Other:

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 75 %

b) Industrial %

c) Fire Protection 25 %

11) Project Schedule:

a) Date Design to be Initiated: Already initiated

b) Date Design to be Completed: Spring 1983

c) Anticipated Date of Construction Start: Spring 1983

d) Anticipated Date of Construction Completion: September 1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: General Fund of GO Bonds $1,562,657

b) Federal Grant:

c) State Revenues: (List:)

d) ADEC Grant: $1,562,657

e) Other:

13) Total Estimated Grant Request: $1,562,657

14) Total Estimated Project Cost: $3,125,314

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

16) List any comprehensive planning document recommending this project.

1975 Comprehensive Water Plan, prepared by Arctic Environmental Engineers for the City of Seward

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? XX Yes. ____ No.

18) If yes, list earlier phases and explain their relationship to this project.

In 1977-78 the City of Seward completed Phase I as outlined in the report listed in 16 above. The project described herein whould complete portions of Phase II, specifically the additional water storage.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name Fermin Gutierrez Telephone 747-3294 Date 7/8/82

2) Municipality Represented: City & Borough of Sitka

3) Name of Project: Sitka Solid Waste Disposal System

4) Local priority of this project compared to other questionnaires submitted by the municipality # 2

5) Type of Project: Water _____ Sewage _____ Solid Waste X

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

Construction of a solid waste incinerator with energy recovery, installing leachate control in existing landfill, developing new landfill area and restoring existing landfill for multiple use. The project will replace an existing sanitary landfill operation that has reached capacity and is causing leachate pollution problems to a creek passing through a residential area.

6) Describe Need for Project The existing landfill operation has reached its practical capacity with no satisfactory alternative location. Lack of cover material and heavy rainfall make sanitary landfill difficult at best.

7) List specific health benefits resulting from construction of this project.

Reduction of leachate pollution to Turnaround Creek and ground water in the vicinity of the landfill.

8) Existing population directly benefiting from this project:

8,000

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: Yes

b) Improve Receiving Water Quality: Yes. Turnaround Creek & Sitka Sound

c) Reduce Wind Blown Litter: Yes

d) Other: sewage sludge disposal

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 100 %

b) Industrial 100 %

c) Fire Protection -0- %

11) Project Schedule:

a) Date Design to be Initiated: ongoing

b) Date Design to be Completed: 12/82

c) Anticipated Date of Construction Start: 10/82 incinerator

d) Anticipated Date of Construction Completion: 1984

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: $2,282,150/General Fund - Revenue Bonds

b) Federal Grant: $751,000 EPA for co-disposal of sludge

c) State Revenues: (List)

d) ADEC Grant: $721,850 existing grant plus $641,000

e) Other: expected increase in grant request

13) Total Estimated Grant Request: $1,362,850

14) Total Estimated Project Cost: $4,396,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

Completion of the sewage treatment plant in summer of 1984. Landfill is currently at practical capacity. Incinerator installation and leachate control system required as soon as possible to reduce pressure on landfill site.

16) List any comprehensive planning document recommending this project.

Evaluation and preliminary design of a solid waste incineration facility by EMPS-Sverdrup.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? ____Yes. __X__No.

18) If yes, list earlier phases and explain their relationship to this project.

Postmarked 9/2/82

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name Gordon Main Telephone 262-9107 Date 8/24/82

2) Municipality Represented: City of Soldotna

3) Name of Project: Redoubt Avenue Improvements

4) Local priority of this project compared to other questionnaires submitted by the municipality # one (1)

5) Type of Project: Water X Sewage X Solid Waste

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

The project will include installation of additional water and sewer in conjunction with Redoubt Avenue Improvements. Sewer improvements consist of 2325 linear feet of 8" asbestos cement sewer line with associated manholes, clean-outs, services and one lift station. Water improvements consist of 1306 linear feet of 10" ductile iron water line with associated hydrants, valves and services. The project is located within the Redoubt Avenue right-of-way in the City of Soldotna. This project will serve property adjacent to the right-of-way as well as allowing for future extension to the west. The existing water and sewer systems are adequate to accommodate the additional demand.

6) Describe Need for Project This project will provide service to properties adjacent to Redoubt Avenue not presently served as well as providing for extension to the west end of Redoubt.

7) List specific health benefits resulting from construction of this project.

This project will provide a reliable potable water system and community sewer system to areas presently having only individual wells and septic systems.

8) Existing population directly benefiting from this project:
Based on current population and land utilization factors, it is estimated that up to 150 people would be directly utilizing the facilities.

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: Yes

b) Improve Receiving Water Quality: —

c) Reduce Wind Blown Litter: —

d) Other: —

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 90 %

b) Industrial — %

c) Fire Protection 10 %

11) Project Schedule:

a) Date Design to be Initiated:

b) Date Design to be Completed: 01/01/83

c) Anticipated Date of Construction Start: 05/83

d) Anticipated Date of Construction Completion: 09/84

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: —

b) Federal Grant: —

c) State Revenues: (List) Municipal Aid Grant Program & Municipal Grant Program $187,562

d) ADEC Grant: $187,562

e) Other: _____

13) Total Estimated Grant Request: $375,125 (Utility)

14) Total Estimated Project Cost: $375,125 (Utility)

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

This project is scheduled to be done in conjunction with paving, storm drain, curb and sidewalk improvements in Redoubt Avenue.

16) List any comprehensive planning document recommending this project.

Soldotna Comprehensive Development Plan

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? _____Yes. __X__No.

18) If yes, list earlier phases and explain their relationship to this project.

Ranked 9/2/82 GMK

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Gordon Main Telephone 262-9107 Date 8/24/82

2) Municipality Represented: City of Soldotna

3) Name of Project: Water Storage Reservoir & Transmission Main

4) Local priority of this project compared to other questionnaires submitted by the municipality # Two (2)

5) Type of Project: Water X Sewage _____ Solid Waste _____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

This project is located within the City of Soldotna and will include the construction of a 1,000,000 gallon water storage reservoir along with a 12" transmission main to connect to the existing water system. The reservoir will increase the reliability of the existing system as well as providing additional capacity for future expansion.

6) Describe Need for Project This project was identified in a water system master plan to increase the capacity of the existing water system, to increase system reliability and to increase fire flow.

7) List specific health benefits resulting from construction of this project.

(See Above)

8) Existing population directly benefiting from this project:

2,445

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: —

b) Improve Receiving Water Quality: —

c) Reduce Wind Blown Litter: —

d) Other: —

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 90 %

b) Industrial — %

c) Fire Protection 10 %

11) Project Schedule:

a) Date Design to be Initiated: —

b) Date Design to be Completed: Complete

c) Anticipated Date of Construction Start: 05/01/83

d) Anticipated Date of Construction Completion: 10/30/83

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: —

b) Federal Grant: —

c) State Revenues: (List) Municipal Aid Grant Program & Municipal Grant Program $750,000

d) ADEC Grant: $750,000

e) Other: —

13) Total Estimated Grant Request: $1,500,000

14) Total Estimated Project Cost: $1,500,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

N/A

16) List any comprehensive planning document recommending this project.

City of Soldotna Water System Master Plan

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? ____Yes. __X__No.

18) If yes, list earlier phases and explain their relationship to this project.

Ranked 9/2/82
SMK

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Gordon Main Telephone 262-9107 Date 8/24/82

2) Municipality Represented: City of Soldotna

3) Name of Project: Wilson Lane Improvements

4) Local priority of this project compared to other questionnaires submitted by the municipality # three (3)

5) Type of Project: Water X Sewage X Solid Waste

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

The project will include installation of additional water and sewer facilities in conjunction with Wilson Lane Street Improvements. Utility improvements consist of additional sewer and water services and hydrants to serve adjoining properties. The overall existing water and sewer system is adequate to accommodate the additional demand.

6) Describe Need for Project This project will provide service to properties adjacent to Wilson Lane not presently served.

7) List specific health benefits resulting from construction of this project.

This project will provide access to reliable potable water and community sewer system in addition to improving fire protection capability.

8) Existing population directly benefiting from this project:

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: Yes

b) Improve Receiving Water Quality: —

c) Reduce Wind Blown Litter: —

d) Other: —

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 90 %

b) Industrial ____ %

c) Fire Protection 10 %

11) Project Schedule:

a) Date Design to be Initiated: 01/01/83

b) Date Design to be Completed: 04/30/83

c) Anticipated Date of Construction Start: 07/01/83

d) Anticipated Date of Construction Completion: 10/30/83

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: —

b) Federal Grant: —

c) State Revenues: (List) Municipal Aid Grant Program & Municipal Grant Program $11,000

d) ADEC Grant: $11,000

e) Other: —

13) Total Estimated Grant Request: $22,000 (Utilities)

14) Total Estimated Project Cost: $22,000 (Utilities)

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

This project is scheduled to be done in conjunction with paving, storm drain, curb and sidewalk improvements in Wilson Lane.

16) List any comprehensive planning document recommending this project.

Soldotna Comprehensive Development Plan

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? _____Yes. _X_ No.

18) If yes, list earlier phases and explain their relationship to this project.

Ranked 9/2/82
EMK

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Gordon Main Telephone 262-9107 Date 8/24/82

2) Municipality Represented: City of Soldotna

3) Name of Project: Binkley Street Improvements

4) Local priority of this project compared to other questionnaires submitted by the municipality # Four (4)

5) Type of Project: Water X Sewage X Solid Waste

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

This project will include installation of additional water and sewer in conjunction with Binkley Street Improvements. Sewer improvements consist of 200 linear feet of 8" asbestos cement sewer line with associated manholes, clean-out, services and one lift station. Water improvements consist of 1,560 linear feet of 8" ductile iron water line with associated hydrants, valves and services. This project is located within Binkley and adjacent rights-of-way within the City of Soldotna.

6) Describe Need for Project This project will provide service to properties adjacent to Binkley Street not presently served as well as providing needed looping to improve reliability.

7) List specific health benefits resulting from construction of this project.

This project will provide access to reliable potable water and community sewer systems in addition to improving fire protection capability.

8) Existing population directly benefiting from this project:

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: X

b) Improve Receiving Water Quality: –

c) Reduce Wind Blown Litter: –

d) Other: –

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 90 %

b) Industrial %

c) Fire Protection 10 %

11) Project Schedule:

a) Date Design to be Initiated: 01/01/83

b) Date Design to be Completed: 04/30/83

c) Anticipated Date of Construction Start: 07/01/83

d) Anticipated Date of Construction Completion: 10/30/83

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: –

b) Federal Grant: –

c) State Revenues: (List) Municipal Aid Grant Program & Municipal Grant Program $74,500

d) ADEC Grant: $74,500

e) Other: –

13) Total Estimated Grant Request: $149,000 (Utility)

14) Total Estimated Project Cost: $149,000 (Utility)

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

This project is scheduled to be done in conjunction with paving, storm drain, curb and sidewalk improvements in Binkley Street

16) List any comprehensive planning document recommending this project.

Soldotna Comprehensive Development Plan

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? ____Yes. __X__No.

18) If yes, list earlier phases and explain their relationship to this project.

Dick Marcum

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Fred Holmberg Jr. (Message) Telephone 675-4353 Date 6/29/82

2) Municipality Represented: Upper Kalskag

3) Name of Project: Water and Sewer System

4) Local priority of this project, compared to other questionnaires submitted by the municipality #Priority #2 compared with housing project

5) Type of Project: Water ✓ Sewage ✓ Solid Waste ____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

Water & sewer system (desired) and proposed for is a single system connected to each residence from a main station. That dispences water and pumps waste to sewage lagoon via lift station. Condition of existing water & sewer system is not operable since 1972. The building and the lift station are still here, but the lift station is filled with water, and the building is being used for public water dispencing.

6) Describe Need for Project Very Important for peoples Health.

RECEIVED
AUG 5 1982
Department of Environmental Conservation

7) List specific health benefits resulting from construction of this project.

Safe water + Sewer Projects

8) Existing population directly benefiting from this project:

162

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: _____

b) Improve Receiving Water Quality: ✓

c) Reduce Wind Blown Litter: _____

d) Other: _____

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial ✓ %

b) Industrial _____ %

c) Fire Protection ✓ %

11) Project Schedule:

a) Date Design to be Initiated: Early Spring

b) Date Design to be Completed: depends

c) Anticipated Date of Construction Start: Early Spring

d) Anticipated Date of Construction Completion: 6 mo.

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: _____

b) Federal Grant: ✓

c) State Revenues: (List) _____

ect.

d) ADEC Grant: _____

e) Other: _____

13) Total Estimated Grant Request: 500,000

14) Total Estimated Project Cost: 500,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

NA

16) List any comprehensive planning document recommending this project.

NA

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? ___ Yes. ✓ No.

18) If yes, list earlier phases and explain their relationship to this project.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name James Hendricks, Jr. Telephone 835-4313 Date 9/2/83

2) Municipality Represented: City of Valdez

3) Name of Project: North Harbor, Kennicott and South Harbor Drives Utilities extension

4) Local priority of this project compared to other questionnaires submitted by the municipality # 2

5) Type of Project: Water XX Sewage XX Solid Waste

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

There are no water lines serving the east ends of North and South Harbor Drive or Kennicott Avenue. There are no sewer facilities on the east end of North Harbor Drive or on Kennicott Avenue and South Harbor Drives. This project would include installing approximately 2400' of water line and 3500' of sewer lines.

6) Describe Need for Project Expansion of the Valdez Small Boat Harbor, growth of the seafood processing industry and marine related service industries has created the need for expanding utilities in this important water front section of Valdez.

7) List specific health benefits resulting from construction of this project.

Suitable domestic water supply and sanitary sewers would be provided.

8) Existing population directly benefiting from this project:

100

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: XX

b) Improve Receiving Water Quality:

c) Reduce Wind Blown Litter:

d) Other:

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 60 %

b) Industrial 40 %

c) Fire Protection %

11) Project Schedule:

a) Date Design to be Initiated: January 15, 1983

b) Date Design to be Completed: March 02, 1983

c) Anticipated Date of Construction Start: June 15, 1983

d) Anticipated Date of Construction Completion: August 15, 1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: $600,000.00

b) Federal Grant:

c) State Revenues: (List)

d) ADEC Grant: $600,000.00

e) Other: _____

13) Total Estimated Grant Request: $ 600,000.00

14) Total Estimated Project Cost: $1,200,000.00

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

Small Boat Harbor Sewage Dump

16) List any comprehensive planning document recommending this project.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? ____Yes. __x__No.

18) If yes, list earlier phases and explain their relationship to this project.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name James Hendricks, Jr. Telephone 835-4313 Date 9/2/82

2) Municipality Represented: City of Valdez

3) Name of Project: Valdez Landfill Improvements

4) Local priority of this project compared to other questionnaires submitted by the municipality # 1

5) Type of Project: Water _____ Sewage _____ Solid Waste XX

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

This project, at the new landfill site, would provide for approx. 17,000 cy of additional landfill excavation, approx. 3,000 ft. of fence around the existing area, and construction of an equipment shed approx. 30'x40'.

6) Describe Need for Project It is estimated the present excavation will be filled before Spring, 1983. More excavation is necessary to prevent wastes from being randomily dumped on the ground surface. A fence is necessary to aid control of wind blown litter as it is often impractical to immediately cover refuse. The fence would also provide security so that management and control of types of refuse placed in the landfill would be effective. There is currently no equip. shed on site. The shed would provide shelter & maintenance area for the tractor used to move refuse and cover material.

7) List specific health benefits resulting from construction of this project.

Reduce health hazards associated with inadequately maintained landfill site.

8) Existing population directly benefiting from this project:

4,103

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: _____

b) Improve Receiving Water Quality: _____

c) Reduce Wind Blown Litter: XX

d) Other: _____

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 100 %

b) Industrial _____ %

c) Fire Protection _____ %

11) Project Schedule:

a) Date Design to be Initiated: Feb. 1, 1983

b) Date Design to be Completed: Mar. 1, 1983

c) Anticipated Date of Construction Start: June 15, 1983

d) Anticipated Date of Construction Completion: July 05, 1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: $100,000.00

b) Federal Grant: _____

c) State Revenues: (List) _____

d) ADEC Grant: $100,000.00

e) Other: _____

13) Total Estimated Grant Request: $100,000.00

14) Total Estimated Project Cost: $200,000.00

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

16) List any comprehensive planning document recommending this project.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? XX Yes. ____ No.

18) If yes, list earlier phases and explain their relationship to this project.

During 1982, the new landfill site area was cleared, piezometers were installed, and part of the fill site was excavated. This is the initial step toward having an adequate solid waste facility.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name James Hendricks, Jr. Telephone 835-4313 Date 9/2/83

2) Municipality Represented: City of Valdez

3) Name of Project: Old Dump Reclamation

4) Local priority of this project compared to other questionnaires submitted by the municipality # 6

5) Type of Project: Water _____ Sewage _____ Solid Waste XX

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

The old City refuse dump is located on the Old Townsite. This project would provide for reclamation of the old refuse dump by hauling in fill to adequately cover all refuse and debris. It is proposed to eventually put an Old Town Memorial Park in this location. The area is to be filled so that solid waste will be covered with 2' minimum of fill, which will be smooth graded and free of exposed debris.

6) Describe Need for Project At present there is insufficient cover over the solid waste, debris is exposed in some places. It is not practical to execavate and bury the debris, as it would then be below the ground water table. The City has been having all excess fill taken to the site, but at current rates, several years would be required to adequately cover the old dump.

7) List specific health benefits resulting from construction of this project.

8) Existing population directly benefiting from this project:

2,000

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: XX

b) Improve Receiving Water Quality:

c) Reduce Wind Blown Litter: XXX

d) Other:

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 100 %

b) Industrial %

c) Fire Protection %

11) Project Schedule:

a) Date Design to be Initiated: Feb. 15, 1983

b) Date Design to be Completed: March 01, 1983

c) Anticipated Date of Construction Start: March 15, 1983

d) Anticipated Date of Construction Completion: April 10, 1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: $51,000.00

b) Federal Grant:

c) State Revenues: (List)

d) ADEC Grant: $51,000.00

e) Other: _____

13) Total Estimated Grant Request: $ 51,000.00

14) Total Estimated Project Cost: $ 102,000.00

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

16) List any comprehensive planning document recommending this project.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? _____Yes. __X__No.

18) If yes, list earlier phases and explain their relationship to this project.

Ranked 9/2/82 EWR

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Robert Harris Telephone 376-5227 Date June 25, 1982

2) Municipality Represented: City of Wasilla

3) Name of Project: Water Utility Extension, South of Parks Highway

4) Local priority of this project compared to other questionnaires submitted by the municipality # 2

5) Type of Project: Water X Sewage _____ Solid Waste _____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

Project requires extension of present City Water system from north side to south side of Parks Highway and Alaska Railroad at two points. Concept is to incorporate project with D.O.T. & P.F. Wasilla Urban Roadway F-035-1(26), scheduled for bid offers in Oct, 1982. Project will meet present and forcasted demands for City residents south of Parks Highway. It is apparent that the water utility must soon be extended to serve the target area; proceeding in conjunction with major highway renovation/upgrade will provide for significant future cost avoidance.

6) Describe Need for Project Presently, there are approximately 232 platted lots, numerous tracts of land, and an estimated 200 residents, many of whom are requesting City Water Service because of failing wells and potential contamination as a result of population growth. The design capability of the present system will service the target area.

7) List specific health benefits resulting from construction of this project.

Provides potable water supply for present and future population in area where present wells are failing and there is cause for concern of wells becoming contaminated from sewage systems.

8) Existing population directly benefiting from this project:

Project will provide capability to provide water service to an estimated 200 residents

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: _____

b) Improve Receiving Water Quality: Will avoid contamination of household water

c) Reduce Wind Blown Litter: _____

d) Other: _____

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 100 % _____ %

b) Industrial _____ %

c) Fire Protection 100% _____ %

11) Project Schedule:

a) Date Design to be Initiated: June 11, 1982

b) Date Design to be Completed: July 30, 1982

c) Anticipated Date of Construction Start: April 1983

d) Anticipated Date of Construction Completion: May 1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: 50%

b) Federal Grant: _____

c) State Revenues: (List) Per Capita Distribution

d) ADEC Grant: 50%

e) Other:

13) Total Estimated Grant Request: $54,450

14) Total Estimated Project Cost: $108,900

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

State Department of Transportation and Public Facilities will ask for bids in Oct, 1982 for Parks Highway improvement including storm drains. Project must be incorporated under one construction package or it will become uneconomically feasible for the foreseeable future.

16) List any comprehensive planning document recommending this project.

Area was deleted from original water utility plans due to high cost of crossing Parks Hwy.; and, area not disignated as "core" area of Wasilla comprehensive plan because of lack of water service.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? _____Yes. _____No.

18) If yes, list earlier phases and explain their relationship to this project.

Project was deleted from original water utility study due to cost and funding available. Present system only serves portions of North half of properties in City Limits, the approximately one half of City Limits area being South of the Parks Highway cannot be served until a crossing is made.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name JOYCE RASLER Telephone 874-2381 Date 7/2/82

2) Municipality Represented: WRANGELL, ALASKA

3) Name of Project: EVERGREEN WATER & SEWER EXTENSION

4) Local priority of this project compared to other questionnaires submitted by the municipality # N/A

5) Type of Project: Water X Sewage X Solid Waste

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

EXTENSION OF WATER MAIN AND SEWER COLLECTION SYSTEM ON STIKENE/EVERGREEN. THE MUNICIPAL SEWERAGE COLLECTION AND TREATMENT SYSTEM AND WATER SUPPLY CAN ADEQUATELY HANDLE THE INCREASED DEMAND.

6) Describe Need for Project THIS IS A HEAVILY POPULATED AREA THAT IS NOW SERVED ONLY BY ON SITE PRIVATE WATER AND SEWER SYSTEMS, SOME OF WHICH WERE INSTALLED MANY YEARS AGO AND NEED REPLACEMENT.

7) List specific health benefits resulting from construction of this project.

SANITARY SOURCE OF WATER; ADEQUATE COLLECTION AND TREATMENT OF SEWERAGE; HYDRANTS WILL PROVIDE INCREASED FIRE PROTECTION TO A HEAVILY POPULATED AREA.

8) Existing population directly benefiting from this project:

217

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: X

b) Improve Receiving Water Quality: X

c) Reduce Wind Blown Litter: _____

d) Other: _____

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 100 %

b) Industrial _____ %

c) Fire Protection 100 %

11) Project Schedule:

a) Date Design to be Initiated: 7-1982

b) Date Design to be Completed: 11-1982

c) Anticipated Date of Construction Start: 4-1983

d) Anticipated Date of Construction Completion: 8-1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: 1,046,000

b) Federal Grant: _____

c) State Revenues: (List) _____

d) ADEC Grant: 1,046,000

e) Other: _____

13) Total Estimated Grant Request: $ 1,046,000

14) Total Estimated Project Cost: $ 2,092,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

DEPARTMENT OF TRANSPORTATION/PUBLIC FACILITIES. PROJECT IN RIGHT-OF-WAY ACQUISITION (STIKENE/EVERGREEN) DESIGN FOR ELECTRIC UTILITY RELOCATION IN PROGRESS; PAVING ANTICIPATED BY DOT/PF in 1983 IF FUNDING AVAILABLE

16) List any comprehensive planning document recommending this project.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? _____Yes. __X__No.

18) If yes, list earlier phases and explain their relationship to this project.

2/17/83
Jon Isaacson

WATER & SEWER PROJECTS SB-15

Section 1. AS 46.03.030 - DEC may grant to a municipality, as funds are available, up to 50 percent of eligible costs not financed by the federal government, for public water supply, treatment and distribution systems and public sewage collection, treatment and discharge facilities for which construction has not commenced on or before June 21, 1976.

Appropriation: $28 million

Section 2. AS 46.07 VILLAGE SAFE WATER ACT establishing a program to provide safe water and hygenic sewage disposal facilities in villages in the state.

AS 46.07.080 "Village" means an unincorporated community which has between 25 and 600 people residing within a two-mile radius, or a second class city.

Projects that qualify:

FORT YUKON - water and sewer system	3,700.0
McGRATH - Phase I construction of water delivery system	1,150.0
BETHEL - Sewer line extension	400.0
NIKOLAI - On site water and sewer system	400.0
MT. VILLAGE - Washeteria	700.0
KOTZEBUE - Water and sewer expansion	1,100.0
NOORVIK - water and sewer expansion	600.0
CHEVAK - watering points	848.0
SAVOONGA/PUNIK ISLAND - water and sewer	452.0
UNALAKLEET - water main extension	500.0
PORT LIONS - Bayview Drive Sewer, Phase I	132.0
ILIAMNA/NEWHALEN - Water Development	340.0
LARSEN BAY - water and sewer	370.0
AKHIOK - Sanitary landfill development	460.0
OLD HARBOR - Sewer renovation	1,160.0
IGIUGIG VILLAGE - Water, sewer & solid waste	838.0
SOUTH NAKNEK - village well	87.0
MINTO - Phase I water and sewer system	335.0
TOTAL/Section 2	13,572.0

Section 3. 37.05.315 - 319 GRANTS TO MUNICIPALITIES, 1st CLASS CITIES, ORGANIZED BOROUGHS through the Department of Administration or Community and Regional Affairs.

DILLINGHAM - Airport Heights Subdivision Water Development	300.0
NEAR ISLAND - Water and sewer engineering	350.0
KAKTOVIK - Grey water facility	450.0
NOME - Water, sewer and utilidor system	1,000.0
FAIRBANKS - Sludge disposal facility	850.0
FAIRBANKS - Sewer/drainage upgrade	960.0
FAIRBANKS - Van Horn Interceptor upgrade	360.0
FAIRBANKS NORTH STAR BOROUGH - Ballaine Lake Sewer Service	700.0
TOTAL/Section 3.....	4,970.0

Section 4. AS 14.11 CONSTRUCTION, REHABILITATION, AND IMPROVEMENT OF SCHOOLS AND EDUCATION-RELATED FACILITIES. (Grants to DOE for school districts and REAAs.)

BERING STRAITS SCHOOL DISTRICT WATER PROJECTS: Teller, Brevig Mission, Golovin and Shishmaref	1,000.0
NORTHWEST ARCTIC SCHOOL DISTRICT - water main hook-up	50.0
TOTAL/Section 4....	1,050.0

Section 5. DEPARTMENT OF ENVIRONMENTAL CONSERVATION for water/sewer feasibility studies in Anvik, Eek, Nulato, Telida, and Platinum 200.0

TOTAL/ Sections 2,3,4, and 5	******** 19,792.0 ********

2/17/83
Jon Beckett

MINTO

WATER AND SEWER: BUDGET

Water service line:	
4,705 LF main line @ $42/LF	197,610
75 LF service line @ $42/LF	3,150
75 LF service line @ $42/LF	3,150
Rehabilitate pumphouse	25,000
Subtotal	228,910
Rehabilitate sewer line to lagoon	
labor	12,600
materials (6" line)	22,800
equipment rental	12,600
Subtotal	48,000
Rid-waste sewage disposal for lodge	
labor	13,000
materials	13,100
rid-waste tank	10,000
equipment rental	3,000
Subtotal	39,100
Insulate sewer line	
labor	6,500
materials	11,500
equipment rental	2,000
Subtotal	20,000
TOTAL	$335,000

2/17/83
Sen Sackett

Alaska State Legislature

Senate

Official Business

Pouch V
State Capitol
Juneau, Alaska 99811

SENATE DISTRICT N WATER & SEWER PROJECTS FOR SB 15

Under Section one:

Bristol Bay Borough-Naknek Sewage	$574,300
Sand Point Meadows Subdivision, Phase I	1,867,000

Under Section two:

Port Lions Bayview Drive Sewer, Phase I	131,750
Iliamna/Newhalen Water Development	340,000
Larsen Bay Water & Sewer	370,000
Akhiok Sanitary Landfill Development	460,000
Old Harbor Sewer Renovation	1,160,000
Igiugig Village Water, Sewer, & Solid Waste	838,000
South Naknek Village Well	87,000

Under Section three:

Dillingham Airport Heights Subdivision Water Development	300,000
Near Island Water & Sewer Engineering	350,000

Alaska State Legislature

Senate

Official Business

Pouch V
State Capitol
Juneau, Alaska 99811

Selected Water & Sewer Projects in Senate District N

Port Lions Bayview Drive Sewer Project, Phase I This is the first phase of a project that will provide sewer and water to the Bayview Drive extension. This is the only place in Port Lions where existing homes do not have connections to the city's water mains.

This first phase will build an intertie with the city's existing main on Rainbow Street. It will immediately serve some people, thereby reducing the city's health hazard. It consists of 775 feet of 4" ductile iron sewer main and manholes.

This phase has been designed and could go to bid quickly. The plans for this project are in Port Lions. It is estimated to cost $131,750.

Newhalen/Iliamna Water Development This is a project that will enable the City of Newhalen to put 20 wells in the area. This will provide Newhalen/Iliamna with a good potable water supply. This is estimated to cost about $340,000.

Akhiok Sanitary Landfill Development This project will enable the City of Akhiok to develop and get access to their sanitary landfill. This is estimated to cost $460,000.

Old Harbor Sewer Renovation Currently, the sewer system in the old part of the City of Old Harbor has sever shortcomings. The M&O on this system severely drain the budget of the City of Old Harbor. In addition, health hazards are caused by the overflowing of sewer manholes from time to time. This project will upgrade the sewer system for Old Harbor by using a sewage lift station to force the effluent up to the existing lagoon. This project is estimated to cost $1,160,000.

Igiugig Village Water, Sewer, & Solid Waste The village of Igiugig has no centralized or individualized water system nor does it have a sanitary landfill capable of taking solid waste. This project would provide wells for the village; septic tanks for the village; and a sanitary landfill site.

Sand Point Meadow's Subdivision Water & Sewer, Phase I This project will provide new water and sewer systems into an area of Sand Point that was just recently developed. A new school and 121 residential lots are being developed in this subdivision. Sand Point's current sewer plant is already handling double the quantity of wastewater that it was designed to treat, and without an expanded water system, potable water will be less than adequate.

The project is estimated to cost $3,753,600. Local participation should therefore be about $1,867,000, or 50%. DEC's participation should be the same.

Dillingham Airport Heights Subdivsion Water Development Currently, the City of Dillingham has no water supply on the back side of the airport. This project would provide a water supply to that side of the airport. The estimated cost of this project is $300,000.

Kodiak Near Island Water & Sewer Engineering This project will provide design and engineering funding to the City of Kodiak to produce a plan for the overall design of water and sewer on Near Island. This needs to be done quickly, as it must be done in conjunction with the construction of the Near Island Bridge so that the bridge can carry the necessary water and sewer lines. This is estimated to cost $350,000.

South Naknek Well. This will provide enough water--about 60 gpm--to enable South Naknek to have a good water supply. Currently South Naknek does not have a water source sufficient for fire fighting. The water for South Naknek is supplied by a small lake in the summer and a small well in the winter. A storage tank of about 9,000 gallons will also be acquired. A similar system in Naknek has proved to be very successful. This project does not need to be designed, as it consists simply of buying the necessary equipment, such as well casings, pumps, etc., and drilling the well. It can be "on the streets" by summer. The project is estimated to cost $87,000.

Bristol Bay Borough-Naknek Sewage Facility, Step 3. This will build area wide sewer systems in Naknek. Currently Naknek only has old septic systems which, because of problems with the leaching fields and soil porosity, cause the raw sewage to remain in the area. This project has been designed, and should be ready to go for bid as soon as the funding is secured. The project is estimated to cost $5,403,000. Of this total, EPA should fund $4,052,250, or 75%. DEC would fund 12.5%, or $675,375, and the Bristol Bay Borough would do the same. The Bristol Bay Borough has approximately $1,000,000 in place to use for local participation in water and sewer projects.

Larsen Bay Sewer and Water Phase I of this project entails first converting the water supply from the current system of nine months gravity fed water and three months pump fed water to a year around gravity fed system. The reason for this change is that the current water supply system freezes solid in the winter. Phase II of this project entails redoing the current sewer system and piping the sewage into the channel. At this time, the sewage backs up and causes a serious health hazard. This project is estimated to cost $370,000.

City of Sand Point
P.O. Box 177
Sand Point, Alaska 99661
(907) 383-2696

February 15, 1983

Senator Bob Mulcahy
Alaska State Senate
Pouch V
Juneau, Alaska 99811

Subject: Sand Point Water and Sewer Extensions

Dear Senator Mulcahy:

Enclosed are backup materials on the proposed water and sewer extensions for Sand Point. While most of the materials are self-explanatory, a couple of changed factors should be brought to your attention.

First, the subdivision to be served by the project has been developed to contain a total of 122 lots including the school. This is an increase of some 42 lots over the plan upon which the original cost estimates were prepared. Since engineering on the project is to be included in the funding requested, I am not able at this point to give you an updated total cost projection, but I would anticipate the additional costs would be straight-line extensions of the known unit costs as developed initially by our engineer.

Second, because the school's scheduled opening this fall has not slipped significantly, we have had to proceed with engineering and limited local funding support for those parts of the whole system which would both serve the school and be capable of short-term extension into the residential portions of the subdivision. With this in mind, we have conducted an election to authorize the issuance of G.O. bonds to pay the anticipated shortfall, after deductions for the school's financial contribution to the project. These costs are now estimated to be approximately $300,000, but would be less if the supplemental appropriation was passed early enough to permit DEC assistance before construction this summer. We also have a tentative commitment from the Farmers Home Administration to purchase all or part of any bond issuance for the water portion of the project (their funds cannot at this point be used for sewer) and I have spoken with

the Muncipal Bond Bank who have also expressed an interest in possible participation with FmHA should we need to issue the bonds. Naturally, we would like the bond issuance to be for as small an amount as possible.

Construction will need to proceed on that portion of the project related to the water system's extension to the school irrespective of possible state funding through DEC, as an attached memo of mine to the city council demonstrates. Hopefully, DEC assistance will be forthcoming in time early enough in the process to be of assistance in this first phase.

Detailed engineering is proceeding on this first phase, and I will be happy to provide you with this information as it becomes available, should you desire it.

Please let me know if you require further backup information on this project.

Sincerely,

CITY OF SAND POINT

John Sevy
City Administrator

Attachment

Alaska State Legislature

SENATOR
BOB MULCAHY

REPRESENTING
THE ALEUTIAN CHAIN,
KODIAK ISLAND
AND THE PRIBILOF ISLANDS

HOME ADDRESS
P.O. BOX 246
KODIAK, ALASKA 99615
(907) 486-3561

DURING SESSION
POUCH V
JUNEAU, ALASKA 99811

State Senate

January 21, 1983

Mr. Jim Moritz, Mayor
City of Sand Point
P.O. Box 177
Sand Point, Alaska 99661

Dear Jim:

I want to acknowledge to you, and through you to the members of the Council, receipt of your legislative priorities for this year from your City Manager, John Sevy.

I would like to request backup material and an update on your pending grant with DEC, so that I would be knowledgeable on the location and scope of work in this sewer and water funding. I have been following, and working closely with the Department of Transportation, as far as the feasibility on the realignment and linking of the airport, and will be looking forward, and hopefully receiving at an early date, the project development for improvements in the boat harbor area.

I look forward to a close working relationship with you Jim, as I had with Jack. Listed below, please find my office telephone numbers and apartment number. Because of the time difference it's often more convenient to contact me at the apartment.

Office - 465-3716 and 465-3773
Apartment - 586-9468

Sincerely,

Senator Bob Mulcahy

BM/hp

cc: John Sevy

City of Sand Point

P.O. Box 177
Sand Point, Alaska 99661
(907) 383-2696

January 6, 1983

Senator Bob Mulcahy
Alaska State Senate
Pouch V
Juneau, Alaska 99811

Dear Senator Mulcahy:

The Sand Point City Council, at its regular December meeting, set its legislative priorities for the coming session. The council recognizes the financial constraints the coming session will likely face, so we have attempted to keep our requests to a minimum without materially affecting the growth and continued progress of Sand Point.

Three projects have been identified for legislative action this year. They are as follows.

1. Water and sewer funding. As you know, the city has pending with DEC a $1.7 million grant aimed at extending municipal utilities to the new Sand Point school and to the surrounding residential area. Further, a $1.3 million entry in last year's G.O. bond package was vetoed by the Governor. The city council sets as its top priority the restoration of these funds so that the city can continue its plans for expansion. The DEC program's under-funding has of course presented problems for rural communities statewide.

2. Airport realignment and lengthening. Now that the DOTPF feasibility study for the Sand Point airport is complete and favorable of extension, the council supports proceding with detailed project engineering for the realignment and extension of the runway at Sand Point. We believe the project's great merits should be pursued, and are looking forward to working with you and DOTPF officials on implementation of the project.

3. Boat harbor improvements. The city council set as its third priority further upgrading of the baot harbor at Sand Point, specifically with respect to the demands the new dock and boat hoist will place on the existing infratructure in the boat harbor area. Water, sewer, and especially road and staging area improvements are urgently needed. Some of these improvements were originally hoped to come from the funds appropriated for the dock project; however, as you know, the change order required of the project due to engineering difficulties precluded those contingency funds from being applied to these support facilities.. I will be providing you with more detailed information on this priority over the coming weeks.

Mayor Jim Moritz, myself, and other members of the city council, are looking forward to working with you on these projects or any other items of interest to Sand Point during the coming legislative session. Please accept our best wishes for a productive and interesting legislative session.

Sincerely,

CITY OF SAND POINT

John Sevy
City Administrator

City of Sand Point

P.O. Box 177
Sand Point, Alaska 99661
(907) 383-2696

August 30, 1982

MEMORANDUM

To: City Council

From: John Sevy

Subject: Water Service to New School

As you know, the Legislature failed to fund the Department of Environmental Conservation's ongoing water and sewer facility grant program, and the Governor vetoed the bond issue containing Sand Point's proposed $1.3 million grant for water and sewer extensions into the new subdivision and school site. This means that as of today we have no money allocated for water service to the school and no state resources available to offset the costs. If DEC had been funded, we would have been eligible for $1.87 million, which, combined with the bond issue, would have been enough to develop the full project.

Still, water service must be provided to the new school in a timely fashion, so that the school's opening is not delayed. While a well system might be possible, it is unlikely that it would provide enough water for fire flow, but we would not know this for sure until a well was dug and tested.

The other approach is for the city to proceed with development of a water system adequate to meet the school's needs, and compatible in the longer term with eventual extension of water lines to the residential lots when funds become available for this. Based on the figures supplied earlier this year by R & M, the water system to serve the school and just a few lots would cost around $450,000, broken down as follows:

5 hp pump from reservoir to new storage tank	$ 10,000
4000' of 4" PVC pipe installed @ $50/foot	200,000
60,000 gal. storage tank in place	85,000
1000' 8" DIP main installed @ $75/foot	75,000
Pressure boost station (for fire flow)	80,000
Total	$ 450,000

This cost does not include engineering fees or service connections, but some of the unit costs (e.g. the PVC pipe) may be overestimated, so the $450,000 figure probably is secure.

It is important to note that any actions we do now on this project will not be eligible later on for DEC assistance when and if DEC is funded by the next legislative session. Any expenditures incurred prior to 120 days before formal notification of award from DEC are ruled ineligible, and it is highly unlikely that DEC would be able to give formal notification before the middle of next summer, since any appropriation to DEC would be for FY 1984. Waiting for DEC approval would probably have the effect of preventing occupancy of the school next fall.

Paying for this project will probably entail having to borrow money, hopefully through a revenue bond. The following funds could be used to reduce the amount borrowed:

City FY 83 per capita municipal assistance	$ 161,000
School Contribution (at least)	100,000
	$ 261,000
Amount to be borrowed	[$ 189,000]

A 20-year revenue bond written at 3/4 of the prime interest rate (presently 14%, so say 10.5%) with a principal of $189,000 would have semi-annual debt service payments of around $11,400. This payment could be met by charging the principal user of the water, the school district, this amount. Alternatively, the cost could be retired over the next few years from allocations from the city's budget (although we would still need to write up the loan as a revenue bond for legal purposes) or through sharing the costs with buyers of residential lots in the subdivision as service is extended to them..

Some lead time will be required to get engineering accomplished for the water system. Additional time will be necessary for the revenue bond to be drawn up and to locate a buyer for the bond. There will be costs associated with both activities. Construction could be scheduled for the spring so as not to delay the school's opening.

City of Sand Point
P.O. Box 177
Sand Point, Alaska 99661
(907) 383-2696

July 16, 1982

Keith Kelton, Director
Division of Facilities Construction & Operations
Alaska Department of Environmental Conservation
Pouch O
Juneau, Alaska 99811

Dear Mr. Kelton:

Attached please find a completed copy of the questionnaire regarding water and sewer projects in planning in Sand Point, which you sent to us in your letter of June 18.

Like many municipalities reliant on an ongoing ADEC grants program, we were quite disturbed at its failure to obtain adequate funding in the recent legislature. In our case the program's difficulties have grave consequences, since an important project in the community, the opening of a new school, may be jeopardized by a lack of water and sewer service.

Please advise us as soon as possible if we may be able to utilize any ADEC funds this fiscal year, or if our approved but unfunded application for ADEC assistance may yet have a chance of partial funding.

As you can well imagine, this project is of the utmost importance to the community.

Sincerely,

CITY OF SAND POINT

John Sevy
City Administrator

Attachment

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name John F. Sevy Telephone 276-2700 (ANC) 383-2696 Date 7-16-82

2) Municipality Represented: City of Sand Point

3) Name of Project: Meadows Subdivision Phase I Water & Sewer

4) Local priority of this project compared to other questionnaires submitted by the municipality # 1

5) Type of Project: Water X Sewage X Solid Waste

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

(Please refer throughout to application for ADEC assistance submitted by the City of Sand Point on March 22, 1982.)

The project consists of extending municipal water and sewer facilities to a new subdivision containing the new Sand Point school, now under construction, and approximately 80 residential lots needed for community expansion.

The existing municipal water supply will be utilized for water service to the subdivision, however a significant amount of new mains will be necessary owing to elevation differences from the existing city system. A new stand-alone sewage system and treatment plant will also be required.

6) Describe Need for Project A state-funded $8 million school for Sand Poi is presently under construction; the proposed water and sew system is needed for the school to function and for fire protection. The residential expansion area is vitally needed if Sand Point's population and economic bases are to grow.

7) List specific health benefits resulting from construction of this project.

"Normal standards of water and sewerage facilities will be provided to the new school and to the residential properties served by the project.

8) Existing population directly benefiting from this project:

Sand Point's entire population of 800+ will be served by the new school; approximately 200 students will be served and 300+ residen

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: X

b) Improve Receiving Water Quality: X

c) Reduce Wind Blown Litter:

d) Other:

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 100 (incl. school)

b) Industrial

c) Fire Protection 100 (incl. school)

11) Project Schedule:

a) Date Design to be Initiated: preliminary work complete;

b) Date Design to be Completed: detailed design to begin with ADEC approval.

c) Anticipated Date of Construction Start: Originally 6/82, now ?

d) Anticipated Date of Construction Completion: (6 months from start)

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: Construction cost assistance from school construction budget, additional revenues to be raised through local asse ment district.

b) Federal Grant:

c) State Revenues: (List) Bond funds ($1.3 million) were approved by the 1982 Legislature but vetoed by the Governor.

d) ADEC Grant: $1,867,800

e) Other:

13) Total Estimated Grant Request: $1,867,800

14) Total Estimated Project Cost: $3,735,600

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

School construction is presently underway with completion scheduled for summer 1983, school operational by fall term 1983. Water must be provided for domestic & fire protection use by then.

16) List any comprehensive planning document recommending this project.

City of Sand Point 1982 Comprehensive Plan.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? ___ Yes. _x_ No.

18) If yes, list earlier phases and explain their relationship to this project.

HOT HOT

STATE OF ALASKA

JAY S. HAMMOND, GOVERNOR

DEPT. OF ENVIRONMENTAL CONSERVATION

POUCH O – JUNEAU 99811

June 18, 1982

Mr. John Sevy
City Manager
P.O. Box 177
Sand Point, AK 99661

Dear Mr. Sevy:

As you are now aware, the Water and Sewerage Construction Grants Program, administered by the Department of Environmental Conservation, has depleted funds available for new grant awards. The failure of the Legislature to appropriate new general funds and the bond authorization veto by the Governor will limit new projects during the 1982 construction season. There is a possibility that limited funds may be available for priority projects this summer; however, additional funding cannot be assured before the 1983 Legislature convenes.

The message received from the 1982 Legislature is that the grants program will need to change if it is to survive. The existing practice of awarding grants on a first-come, first-serve basis is only possible if funding is available to satisfy all grant requests. With the likelihood that State revenues will continue to be short, it is apparent that projects will need to be prioritized to fund the most deserving projects first. Developing a priority list requires a comparison of all proposed projects.

The Department proposes to develop a criteria system to rank projects in priority order for future funding. It is proposed that the criteria system consider such items as alleviation of health hazards, population benefitted, local funding, readiness to proceed, improvement to receiving waters, etc. This criteria system and priority list will be distributed for comment once they have been developed.

However, in the meantime we need to begin obtaining data on projects proposed for construction during calendar year 1983. Please complete and return a copy of the enclosed questionnaire for each project you propose to construct during 1983 and 1984. Since grant funds cannot be available before spring of 1983 at the earliest, it will probably be necessary for the grantee to fund the design of many projects to be constructed in 1983. If the design costs occur within 120 days of the grant offer date, they would be eligible for grant participation. However, grantees cannot be assured of funding and should be prepared to assume the risk for full funding of design costs.

Completed questionnaires must be returned no later than August 15, 1982, for inclusion in the capital budget. Please complete a questionnaire for all proposed projects, even those for which grant applications have already been submitted. Upon receipt of the completed project questionnaires, the Department will prioritize the projects for inclusion in the Governor's capital budget proposal. This budget will then be presented to the Legislature for consideration.

The proposed changes to the grants program will necessitate added effort and planning by local government. Funds will not be available on a short-term basis as they have been in the past. In some cases, you may not approve of the priority ranking of your projects and many deserving projects may have to wait for funding.

We are not necessarily committed to the proposal outlined in this letter, but it appears that changes are required and this is the fairest approach we can devise. If you have comments or recommendations on how to improve the proposed system, please let me know. It may also be beneficial for the Alaska Municipal League to develop a position on this issue for submittal to the Legislature. In any event, regardless of the form of the grants program, your support in dealing with the Legislature is mandatory if the program is to continue being funded.

I feel the grants program has contributed greatly to sanitation improvements in Alaska and has had a history of working closely with local government to meet your needs. I have enjoyed working with you and urge your support for the continuation of the program.

Sincerely,

Keith Kelton

Keith Kelton, Director
Facility Construction
and Operation

Enclosure

cc: Ginny Chitwood/AML

STATE OF ALASKA

DEPT. OF ENVIRONMENTAL CONSERVATION

JAY S. HAMMOND, GOVERNOR

POUCH O – JUNEAU 99811

April 1, 1982

Mr. John Sevy, City Administrator
City of Sand Point
c/o APIA
1689 "C" Street
Anchorage, AK 99501

Dear Mr. Sevy:

The Department of Environmental Conservation is in receipt of the City of Sand Point's request for grant assistance dealing with the Meadows Subdivision Phase I Water & Sewer Project. I have reviewed your request and I am pleased to inform you that the project is eligible for a state grant of $1,867,800, based on 50 percent of the estimated eligible project costs of $3,735,600. Unfortunately, due to the unavailability of funds, we are unable to respond to your request at this time.

All funds presently authorized for the Construction Grants Program have been obligated to projects presently underway. Applications received will be reviewed to determine grant eligibility and will then be maintained on a list in order of receipt in completed form. As funds become available, projects will be funded in order of their position on the list. We will contact you to determine your interest at the time funds become available for obligation to this project.

At this time we expect program funds to be available primarily as they are returned from unused funds which are released as current construction projects are completed. The next substantial infusion of funds is expected to occur in June or July 1982, after adoption by the Alaska Legislature of the Capital Budget for FY-1983. We anticipate we will receive approximately $10 million from that source. These funds should enable us to resume normal operations and respond to applications as submitted.

I urge the City of Sand Point to keep this office up to date with the continuing status of this project. It is extremely important for you to submit any revisions in the project cost estimate.

I will be the Project Engineer for this project so please feel free to contact me at 465-2612 with any questions and comments you might have.

Sincerely,

Michael J. Coffey
Project Engineer
Facility Construction
and Operation

City of Sand Point

P.O. Box 177
Sand Point, Alaska 99661
(907) 383-2696

March 22, 1982

Keith Kelton, Director
Division of Facilities Construction & Operation
Alaska Department of Environmental Conservation
Pouch O
Juneau, AK 99811

Dear Mr. Kelton:

Subject: Application for Water and Sewer Funding Assistance

Enclosed please find two copies of an application on belhalf of the City of Sand Point for $1,867,800 in DEC financial assistance for a project entitled "Meadows Subdivision Phase I Water & Sewer." This application follows my letter to you dated February 23, 1982.

Please call on me at 276-2700 if you have any questions on this project. The extended water and sewer systems remain a top priority of the city of Sand Point.

Sincerely,

CITY OF SAND POINT

John Sevy
City Administrator

Attachments

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Municipality: City of Sand Point

Applicant Mailing Address: c/o APIA, 1689 C Street, Anchorage, AK 99501

Application Prepared by: John Sevy

Title: City Administrator

Type of Application: X Initial _____ Revised

Type of Project X Water X Sewerage _____ Solid Waste

Project Descriptive Title: - Meadows Subdivision Phase I including new school

Number of Lots 80 and Persons 500* benefitting from this project.

Estimated Construction Period: July 1 1982 Start Dec. 31 1982 Finish

Amount of State Grant Funds Requested from ADEC: $ 1,867,800

Source of Applicant's Funding for Project: Legislative grant; school contribution; general funds, local assessment district.

The applicant, through it's authorized representative, certifies that to the best of its knowledge and belief that the data contained in this application is true and correct and that all titles and easements necessary to provide clear title or authority to construct and maintain the proposed project shall be obtained. Failure to comply with this certification will be cause for the Department to withhold a grant award or withdraw a grant offer that may have been extended.

John F. Sevy	City Administrator	3-22-82
Typed Name	Title	Date

Signature

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

COST SUMMARY

	COST CLASSIFICATION	ATTACHMENT REQUIRED	TOTAL ESTIMATED PROJECT COSTS	
	ELIGIBLE COSTS	Note: Attachments A B & C are required for for all projects		
1.	Administrative Expenses[1]		-0-	1.
2.	Legal Expenses[1]		-0-	2.
3.	Engineering Design Fees[2] incl. contingencies.	D or E	622,600	3.
4.	Project Inspection and Surveying[2]	D or E	(incl. in 3)	4.
5.	Construction[2]	D or F	3,113,000	5.
6.	Equipment	G	-0-	6.
7.	Other Costs	H	-0-	7.
8.	Project Contingencies		(incl. in 3)	8.
9.	SUBTOTAL (Lines 1-8)	SUBTOTAL	3,735,600	9.
10.	Amount of Line 9 provided by Federal Grants		-0-	10.
11.	Amount of Line 9 provided by Other State Agencies		-0-	11.
12.	Amount of Line 9 provided by Applicant		1,867,800	12.
13.	Amount of Existing ADEC Grant		-0-	13.
14.	Amount of Line 9 Currently Requested from ADEC		1,867,800	14.
	INELIGIBLE COSTS	None known at this time		
15.	Land and Easement Acquisition Costs[3]			15.
16.	Purchase of Private Utilities			16.
17.	Interest and Finance Charges			17.
18.	Formation Costs of Local Improvement Districts			18.
19.	Comprehensive Plans and Feasibility Studies			19.
20.	Grant Application Preparation Costs			20.
21.	SUBTOTAL (Lines 15-20)	SUBTOTAL		21.
22.	TOTAL PROJECT COSTS (Lines 9 plus 21)	TOTAL	3,735,600	22.

1. Eligibility of these expenses is limited to costs incurred by the applicant as a direct result of the project. Salaries of existing staff working normally scheduled hours are not grant eligible.

2. With prior approval, the costs of engineering design, construction management, and actual construction performed in-house are grant eligible. Force account rates must be approved by the Department prior to the State grant offer. Force account work performed more than 120 days prior to a State grant offer is not eligible for grant funding. Requests for approval of force account rates must be supported by Attachment D. Construction Grant Regulations 18 AAC 73.010 (g)(2) establishes specific force account procedures and eligibilities.

3. The cost of land when used as an integral part of a treatment process, such as spray irrigation, and solid waste landfill sites may be considered grant eligible. These costs should appear under line 7 Other Costs (above) and must be supported by Attachment H.

City of Sand Point
P.O. Box 177
Sand Point, Alaska 99661
(907) 383-2696

MEADOWS SUBDIVISION PHASE I WATER & SEWER

ATTACHMENT A

PROJECT DESCRIPTION

The proposed project consists of extending city water and sewer service to 79 single-family residential lots, and to the new Sand Point school, which will commence construction this summer.

Water System. The proposed project entails development of a main transmission line, new storage tankage, and distribution water lines to 79 building lots, and to the new Sand Point school. Approximately 500 persons (including up to 250 users of the school's system) will ultimately benefit from the extended service. Attachment W-1 illustrates, in conceptual form only, the proposed system's components; full project engineering has not been undertaken pending approval of this application.

Water will be drawn from the present city reservoir, and will be treated by the existing treatment plant (installed by PHS several years ago.) A new 5-hp pump will lift the water to a proposed 60,000 gal. storage tank, located at a significantly higher elevation than the present tank. (Much of the new subdivision is at a higher elevation than the present tank.) From the tank, water will be distributed by DIP throughout the subdivision. Fire hydrants and service connectors will be provided as part of the water system.

Sewer System. The proposed system entails development of a new stand-alone sewer and sewage treatment system, owing to the fact that the present city system presently handles more wastewater than its original design capacity. Site restrictions and elevations further mitigate against expansion of the present system to handle the new subdivision. Attachment S-1 illustrates, in conceptual form only, the proposed system's components; full project engineering has not been undertaken pending approval of this application.

Sewage will be collected from approximately 80 service connections through 8" mains to a 50,000 gpd treatment plant. A 1,600' ocean outfall line will also be included in the project. 38 manholes will be required by the project.

Previous actions. The 1981 Legislature approved a $8,000,000 grant to the city for construction of a new school serving Sand Point. Construction on this school is expected to commence this summer. The city is in the process of building an access road to the school site; this road will also serve 79 residential lots being developed as aprt of the overall expansion plan. Electrical service will be provided by the local electrical utility, Pelican Utility Company.

By letter on February 23, 1982, John Sevy, the Sand Point City Administrator, informed Mr. Keith Kelton of DEC as to the pending nature of this application.

Funding methodology. The city proposes to use a variety of funding approaches to provide the local share for this project. A $1.3 million grant for the city is included in HB 840, currently pending in the Legislature. Additional project funding will be secured as necessary through a contribution from the Sand Point School District for services extended to the school; by creation of an assessment district ; and, to the extent reasonable and necessary, through cash contributions from the City of Sand Point General Fund. Specific details of the financing plan will be finalized, of course, following project engineering when firm costs are known.

Timing. Owing to the fact that the school is planned to commence construction this summer, time is of the essence in this project. Occupancy for the school is planned for early 1983; the water and sewer system should be functioning by then.

Operations. The City of Sand Point will operate all new facilities in the same manner as at present.

Attachments:	B	See attached letter dated 3-16-82	from R & M Engineers
	W-1	Water plan diagram " 3-15-82	" " "
	S-1	Sewer Plan Diagram " "	" " "

NOTE: The proposed project is designed to permit expansion to a larger system capable of providing water and sewer service to more than 220 residential lots. This application is with respect to PHASE I of this plan only.

R&M CONSULTANTS, INC. 5024 CORDOVA • BOX 6087 • ANCHORAGE ALASKA 99502 • PH. 907-278-0483 • TLX. 090-25280

ENGINEERS
GEOLOGISTS
PLANNERS
SURVEYORS

March 16, 1982 R&M No. 151188

City of Sand Point
1689 "C" Street
Anchorage, Alaska 99503

Attention: Mr. John Sevy, City Manager

Subject: Sand Point Water and Sewer Funding Estimate

Dear John:

Enclosed is copy of report and six maps used in our November 1981 meetings in Sand Point for reference. As noted on Page 5 of report:

Water System cost estimate = plus contingencies engineering + power plus storage tank if desired. This could amount to over $2,000,000 plus power.	$1,641,500
Sewer System cost estimate = plus contingencies, engineering + power This could amount to $4,900,000 plus power. This total of $6,900,000 is undoubtedly out of reach at present.	$4,095,200

My suggestion is to go for the school area plus 79 lots of the Meadows Subdivision and include the new water storage tank on the hill. Page 7 of the old report shows estimate at that time without the storage tank. With price escalation etc. I would suggest the following as a cost estimate for funding purposes:

COST ESTIMATE
SCHOOL PLUS 79 LOTS IN THE MEADOWS SUBDIVISION

WATER SYSTEM

5 HP Pump & controls in exist treatment bldg	$ 10,000
4,000 ft. 4 inch P.V.C. pipe @ $50	200,000
60,000 gal. storage tank installed	85,000
8,000 ft. 8 inch D.I.P watermain @ $75	600,000
12 Fire hydrants installed @ $2,000	24,000
80 Service Connection @ $500	40,000
Pump booster station	80,000
	$1,039,000
20% Contingencies and Engineering	207,800
WATER TOTAL	$1,246,800

SEWER SYSTEM

14,000 ft. 8" sewer main @ $75	$1,050,000
38 Manholes	152,000
50,000 G.P.D. Sewer treatment plant	600,000
80 Service connections @ $1,000	80,000
1,600 ft. Outfall line @ $120	192,000
	$2,074,00
20% Contingencies and Engineering	414,800
SEWER TOTAL	$2,488,800

TOTAL WATER & SEWER = $3,735,600

Electrical Power costs are not included.

Pelican Utilities wants a set of subdivision maps to use for estimating. They called in December and I said I would get maps to them when the Subdivision was approved. If we are only going to figure a portion of the subdivision, we should so inform them when I send them the maps. Please advise.

Very truly yours,

R&M CONSULTANTS, INC.

V. J. Gretzinger, P.E.
Senior Engineer

VJG/kcp

City Council of Sand Point
Box 16
Sand Point, Alaska 99661

March 5, 1982

Alan Loud, Project Architect
Lane, Knorr & Plunkett AIA Architects
600 Barrow Street
Anchorage, AK 99501

Dear Alan:

Subject: Sand Point School Water and Sewer

This is in regard to our phone conversation of today.

The city has requested financial assistance for the installation of water and sewer services to the new school and the Meadows subdivision in Sand Point. Additionally, we anticipate using financial assistance from the Department of Environmental Conservation to the extent DEC's water and sewer construction program is adequately funded by the legislature.

However, it is doubtful if the legislature will enact any assistance legislation prior to the very end of this legislative session, so the time frame for design and construction of systems this summer may be jeopardized or at least delayed until the fall.

The city plans to develop complete water and sewer systems for the school and subdivisions, but if available funding for these systems falls short of the total package, we would need to install the water system first, and would have to postpone the sewer system (including a treatment plant) until adequate funding was available.

For this reason, I would recommend that you undertake the design of a septic tank/leach field sewage treatment system for the school site, so that occupancy of the site would not be held up next year. Hopefully, the time frame during which a tank and field system would be required would be short, but at this point I feel design of such a system would be most prudent.

Please call on me if you have any questions on this matter.

Sincerely,

CITY OF SAND POINT

John F. Sevy

John Sevy
City Administrator

City Council of Sand Point

Box 16

Sand Point, Alaska 99661

February 23, 1982

Keith Kelton, Director
Division of Facilities Construction and Operations
Alaska Department of Environmental Conservation
Pouch O
Juneau, Alaska 99811

Dear Mr. Kelton:

Subject: Sand Point Water and Sewer Extensions

This letter is in response to Commissioner Mueller's letter to me dated February 2, 1982, regarding DEC funding shortages.

The city of Sand Point intends to seek DEC assistance in the development of water and sewer system extensions necessitated by the building of a new school in the community, approved in the last legislative session, together with a new residential area surrounding the school site. The full scale of the proposed water and sewer extensions are not known at this time pending completion of preliminary analysis on system design and also pending preliminary cost estimates. I have asked the city's consulting engineers on the project to prepare such materials as may be necessary for inclusion in a formal application to DEC; nevertheless I feel obligated to submit this letter as advance notification of the pending application.

I anticipate the total funding ultimately to be requested from DEC may well exceed $1 million, although you can well appreciate how tentative these figures must be at this time. The school is scheduled to begin construction this spring, and how DEC funding shortages may effect the development program is unknown at this point.

I will be forwarding a formal application for DEC assistance on this project in the very near future, but trust this letter will serve to notify you of its impending nature. Please call me at 276-2700 if you have any questions or need any points clarified.

Sincerely,

CITY OF SAND POINT

John Sevy
City Administrator

STATE OF ALASKA

JAY S. HAMMOND, GOVERNOR

DEPT. OF ENVIRONMENTAL CONSERVATION

465-2610 POUCH O – JUNEAU 99811

February 2, 1982

John Sevy, Administrator
City of Sand Point
Aleutian/Pribilof Island Assn.
1689 "C" Street
Anchorage, AK 99501

Dear Mr. Sevy:

I am writing to inform you of a situation that may impact your Capital Improvement Construction Program for the Department of Environmental Conservation in 1982. The Construction Grants Program has no funds available at this time for new projects. This program, as you may know, helps fund water, sewer, and solid waste capital improvement projects.

Several combined factors in the latter part of 1981 created an unprecedented demand for ADEC participation in new utility construction statewide. These included expansion of the construction grants program to incorporate funding for solid waste processing and disposal facilities, and the availability, on a massive scale, of legislatively distributed revenues which provided many municipalities with the local matching funds required to apply for these grants.

The effect has been that all funds available to the Construction Grants Program have been obligated to specific projects. A reserve of approximately $1.5 million has been set aside for completion of current construction, but this fund is insufficient to allow commitment to new projects.

The program will continue to receive applications for grant assistance. Applications received will be reviewed to determine grant eligibility and placed on a waiting list in order of receipt in completed form and the applicant notifed of the inability to provide immediate grant commitment. As new funds become available, grants will be made to projects in order. We will contact you to determine your continued interest when funding is available.

We anticipate to be able to award a few new grants as unused funds from completed projects are returned to the bond fund for reobligation. We also expect the Legislature to appropriate our capital budget request of $10 million in June or July of 1982. These funds should enable our normal practice of awarding grants as applications are submitted. We also expect voters to be given the opportunity to approve approximately $40 million more in the November 1982 general election.

If we can provide further information on any aspect of information contained in this letter, please do not hesitate to contact Keith Kelton, Director, Division of Facilities Construction and Operation at 465-2610.

Sincerely,

Ernst W. Mueller
Commissioner

Old Harbor City Council
Box 109 Old Harbor, Alaska 99643

January 10, 1983

Senator Bob Mulcahy
Pouch V
Juneau, Alaska 99811

Dear Sir:

Enclosed is an estimate compiled by PHS for upgrading our water and sewer system in the old section of town here in Old Harbor.

The maintenance and repair costs to this system are growing all of the time.

We have been attempting to obtain funding for this purpose for quite awhile without any luck.

Perhaps, with your support, we will be able to get Legislative funding from this session in order to remedy this terrible problem.

We will be looking forward to hearing from you about this.

Sincerely,

OLD HARBOR CITY COUNCIL
Sven Haakanson, Mayor

Olga Pestrikoff

Olga Pestrikoff for
Sven Haakanson

Enclosures

Old Harbor City Council
Box 109 Old Harbor, Alaska 99643

February 9, 1982

Representative Eric Sutcliffe
Pouch V
Juneau, Alaska 99811

Dear Mr. Sutcliffe;

After going over our total expenditures for upkeep and repairs on our water and sewer system, I find that it is a drain on our City revenues beyond reason. I called Mr. Dworsky about this and find that his department has already submitted their annual budget.

We are now experiencing over flowing sewer man holes. This is a serious sanitation problem, of which Mr. Dworsky is aware.

I am enclosing the letter from Mr. Dworsky with the proposal and I hope that you can tack this in on their projects.

I am really sorry that I didn't come up with this before. We assumed that we could make it for a few more years with the present system, but find that we have drastically out grown it. I am told by our Public Works Director that this coming spring thaw will be the last of it, because of the temporary [illegible] repairs will give way.

We feel that a lift station is the way to go.

Sincerely yours,

OLD HARBOR CITY COUNCIL

Sven Haakanson, Mayor

Enclosures

cc: Senator Bob Mulcahy
Representative Fred Zharoff
Mr. Michael Dworsky

OLD HARBOR DRAINAGE SYSTEM

Gene Kane
ph. 264-2201
225 Cordova
Bldg. 8,
Anchorage, ak 99501

Old Harbor City Council
box -
Old Harbor Alaska 9964

Dear Mr. Kane:

Enclosed is the criteria for an application for a RDA grant for the 2nd close city of Old Harbor Drainage System. showing areas both in up town and down town of Old Har

These studies and feasibility survey were made by Arthur Haakanson with the help of members of the community interested and involved with this hopeful coming project - as a in kind contribution.

Participation would involve at times, a flat bed truck, a back ho both city property, rented to the work project by the city - and a work force of 10 men.

Work would begin as soon as clearanc and a resolution by the city council and the Rural Developement Agencys app is passed. Possibly and we sincerely hope before the end of may. Termination of the project should be completed by June

sincerely, Arthur Haakanson
public works director -

UNITED STATES GOVERNMENT

2-Way Memo

Subject : WATER & SEWER IMPROVEMENTS

To : SVEN HAAKANSON

RECEIVED 11-5-82

INSTRUCTIONS

Use routing symbols whenever possible.

SENDER:
Use brief, informal language.
Conserve space.
Forward original and one copy.

RECEIVER:
Reply below the message, keep one copy, return one copy.

DATE OF MESSAGE	Routing Symbol
NOV 2, 1982	

SIGNATURE OF ORIGINATOR

[signature]

TITLE OF ORIGINATOR

Dist Engineer

FOLD

INITIAL MESSAGE

HERE IS 4 COPIES OF THE ROUGH ESTIMATE YOU REQUESTED.

THE PRICE SHOULD PROBABLY BE UPGRADED BY APPROXIMATELY 15% OVER THE ORIGINAL, TO ACCOUNT FOR INFLATION AND INCREASED COST IF MATERIALS & SHIPPING.

I WOULD SUGGEST ADDING

$ 645,150	OLD TOTAL	1,007,400	
+ 96,750	INFLATION FACTOR	+ 151,100	
$ 741,900	NEW TOTAL	$ 1,158,500	
OCEAN OUTFALL SYSTEM		LAND DISPOSAL SYSTEM	

REPLY MESSAGE

From :

DATE OF REPLY	Routing Symbol

SIGNATURE OF REPLIER

TITLE OF REPLIER

1. TO BE RETAINED BY ADDRESSEE

OPTIONAL FORM 27
JULY 1973
GSA FPMR (41 CFR) 101-11.6

DEPARTMENT OF HEALTH & HUMAN SERVICES
PUBLIC HEALTH SERVICE

ALASKA AREA NATIVE HEALTH SERVICE
BOX 7-741
ANCHORAGE, ALASKA 99510

February 3, 1982

Refer to: A-EHB

Mr. Sven Haakanson, President
Old Harbor City Council
Old Harbor, Alaska 99643

Dear Mr. Haakanson:

In reply to your telephone request, I have had our staff work-up a rough estimate for upgrading the water and wastewater systems in the older portion of Old Harbor. The enclosed estimate was based on distances scaled off of old drawings. The size of the pipes and the materials used in this estimate were picked to meet prevailing state standards, and to comply with good engineering practices.

Two methods of disposing the sewage were investigated; the ocean outfall method is the cheapest to install, operate, and maintain. The alternate method of utilizing a sewage lift station to force the effluent up to the existing lagoon, located over a mile away, is costly to build, difficult to operate and expensive to maintain. See the enclosed estimate of operation and maintenance expenses for a sewage lift station.

The preliminary cost estimate based on your needs as described over the phone, will hopefully satisfy your requirements. The Village Safe Water program, a function of Department of Environmental Conservation is funded to serve communities like yours. Mr. Tim Bergin in Juneau, at 465-2613, might be able to offer you some useful information.

If our office can be of further assistance, pleace call Mr. Dan Rogness, Chief, Sanitation Facilities Section, at 271-4711.

Sincerely,

Michael Dworsky
Sr. Engineer Officer
Acting District Construction
Engineer

Enclosure

Estimated Cost of Proposed Facilities

ITEM	UNIT	UNIT COST	TOTAL COST
A. Water System			
1. Water distribution line 4-inch ductile iron, with 90° elbow, tee's and appurtenances	2,000 feet	$75/feet	$150,000
2. Service connections including corp stops, curb stops.	50 each	$1,000/each	50,000
3. Fire hydrants, gate valves, thrust blocks	10 each	$2,500/each	25,000
Subtotal, Water System			$225,000
B. Sewer System			
1. Sewer line, 8-inch ductile iron	2,400 feet	$90/feet	$216,000
2. Manholes, 5 feet deep	10 each	$3,000/each	30,000
Subtotal, Sewer System			$246,000
C. Ocean Sewage Treatment			
1. Septic tank, 25,000 gallon	1 each	$65,000/each	$ 65,000
2. PE ocean outfall line with anchors, 6-inch PE	500 feet	$50/feet	25,000
Subtotal, Ocean Sewage Treatment			$ 90,000
D. Optional Land Disposal of Sewage			
1. 25,000 gallon septic tank	1 each	$65,000	$ 65,000
2. Lift station, complete	1 each	$60,000	60,000
3. Emergency lift station overflow	100 feet	$50/feet	5,000
4. 5,500 feet, 4-inch PE force main	5,500 feet	$50/feet	275,000
Subtotal, Optional Land Disposal of Sewage			$405,000

Summary of Estimated Cost

	Ocean Outfall System	Land Disposal System
Subtotal, Water System	$225,000	$ 225,000
Subtotal, Sewer System	246,000	246,000
Subtotal, Ocean Sewage Treatment	90,000	
Subtotal, Optional Land Disposal of Sewage		405,000
	$561,000	$ 876,000
+15% Contingencies	$ 84,150	$ 131,400
	$645,150	$1,007,400

Cost Per House (50 Units)

Ocean Sewer: $\frac{\$645,150}{50} = \$12,903$

Land Sewer: $\frac{\$1,007,400}{50} = \$20,148$

Estimated Operation and Maintenance Cost for Lift Station

Old Harbor, Alaska

For the purpose of this estimate, the following conditions were assumed:

1. A 5 hp pump, using approximately 190 kwh of electricity per month.
2. Two hours of maintenance per week.
3. Electrical usage charge of 45.27¢/kwh.
4. Labor @ $20/hour.
5. $840/year for repair and replacement parts.

Total Monthly Cost:

Electric	$ 86 *
General Maintenance	174
Repair and replacement	70
	$330/month

* A state electrical subsidy of 26.93¢/kw would reduce the electrical charge to $35/month, reducing the total monthly cost to $280/month.

BRISTOL BAY BOROUGH
LEGISLATIVE GRANT REQUEST, FY 84
PRIORITY LIST

PRIORITY

1 Well in South Naknek

Funds to drill a well and construct a 10,000 gallon water reservoir for fire protection in South Naknek are requested.

Estimated Cost: $ 86,900

2 Dock Improvements

Excavation of Dock Area: The area directly adjacent to the staging areas needs to be excavated to provide space for supporting facilities and temporary storage. The Borough will request a Legislative grant to excavate this important area.

Water Supply to Dock: The Borough's dock requires a water system to provide fire protection and service marine, domestic and industrial consumption. A Legislative grant for a well, transmission system and 10,000 gallon water reservoir is sought.

Dock Fence: A secure area for dock freight and equipment is needed. The Borough requests a Legislative grant to purchase and install a fence around the dock.

Dock Buildings: Current plans include two buildings. They will provide office space and maintenance facilities for dock personnel and equipment. The Borough requests a Legislative grant to purchase and build two pre-fab metal buildings for the dock.

Estimated Cost: $2,219,360

BRISTOL BAY BOROUGH
LEGISLATIVE GRANT REQUEST, FY 84
PROJECT DESCRIPTIONS

1 SOUTH NAKNEK WATER WELL AND STORAGE FACILITY

INTRODUCTION

South Naknek is a community of approximately 130 people with two major fish canneries - Bumble Bee and Alaska Packers; also two large support facilities for the fisheries of Kenai Packers and PAF. It is isolated from Naknek and King Salmon by the Naknek River.

This community does not have a water source suitable for the purpose of fire fighting. In the summer, water to refill fire fighting apparatus is pumped out of a nearby lake. In the winter, water is pumped from a domestic-size well through 3/4" piping giving no more than 15 gallons per minute. (In winter lakes are frozen and can't be relied upon as a water source.) Either method is inadequate for supporting fire protection efforts.

The Borough currently operates one tanker holding 1,500 gallons and one pumper holding 500 gallons with a 500 gpm pump in South Naknek. Negotiations to purchase an additional piece of equipment are in progress.

To operate the fire fighting apparatus efficiently and to the maximum fire suppression potential South Naknek requires a source of water with the capacity to refill the equipment at a rate of not less than 250 gallons a minute. A well and tank facility is the appropriate approach to this problem.

Required is a deep well to fill the storage tank producing not less than 60 gpm, with an 8 - 10,000 gallon storage tank and a 250 gpm pump to refill the equipment.

This system would provide enough water to meet the fire protection needs of South Naknek. This water source could also be used as emergency water supply in case of a civil emergency.

A like system is in operation in Naknek at the present time. Our experience with the Naknek system has been a successful one.

COST SUMMARY

Well	$ 33,100
Storage tank	20,000
Pump	3,000
Piping	2,300
Electrical	2,500
Building	12,500
Miscellaneous material and equipment	2,000
Equipment rental	8,000
Freight and miscellaneous shipping	3,500
TOTAL	$ 86,900

COST ANALYSIS

Well Drillers $ 33,100

Estimate for an 8" cased well at an undetermined depth (able to produce 60 gpm)

Storage Tank $ 20,000

10,000 gallon pressure storage tank

Pump $ 3,000

Pump with the capability of pumping 250 gpm

Piping $ 2,300

Self explanatory

Building $ 12,500

The buidling is proposed to be a wood frame heated structure of 20' x 20' x 10' dimension capable of housing the storage tank, well, and pump facilities.

Miscellaneous $ 10,000

Material and equipment rental

Shipping $ 3,500

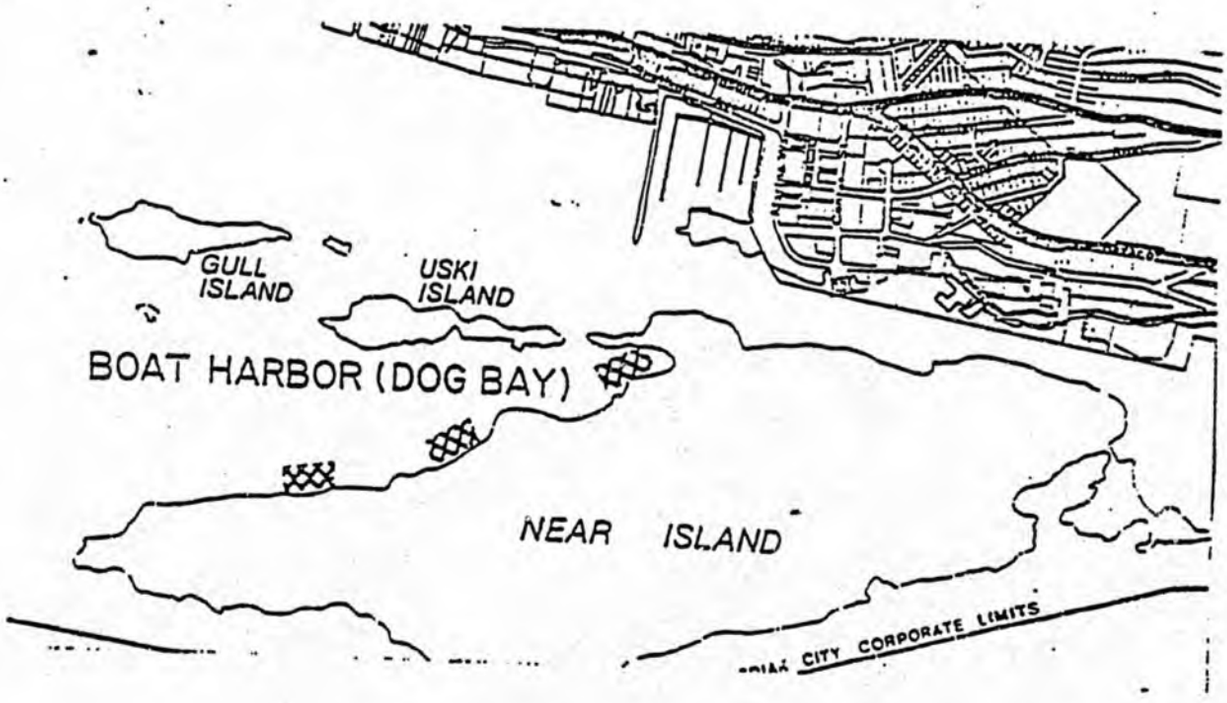
Freight and miscellaneous shipping

DESIGN OF WATER AND SEWER SYSTEM ON NEAR ISLAND

This project will consist of design and engineering of a water and sewer system on Near Island. The Dog Bay Boat Harbor is presently under construction, and several other public facilities are in planning, including the Fishery Industrial Technology Center.

The firm of Peratrovich & Nottingham has been contracted by the City of Kodiak to do an extensive Near Island Master Plan for island usage, including commercial and private residential buildings.

Below is a map with the Dog Bay Boat Harbor shown. This will be the main area of water and sewer service.

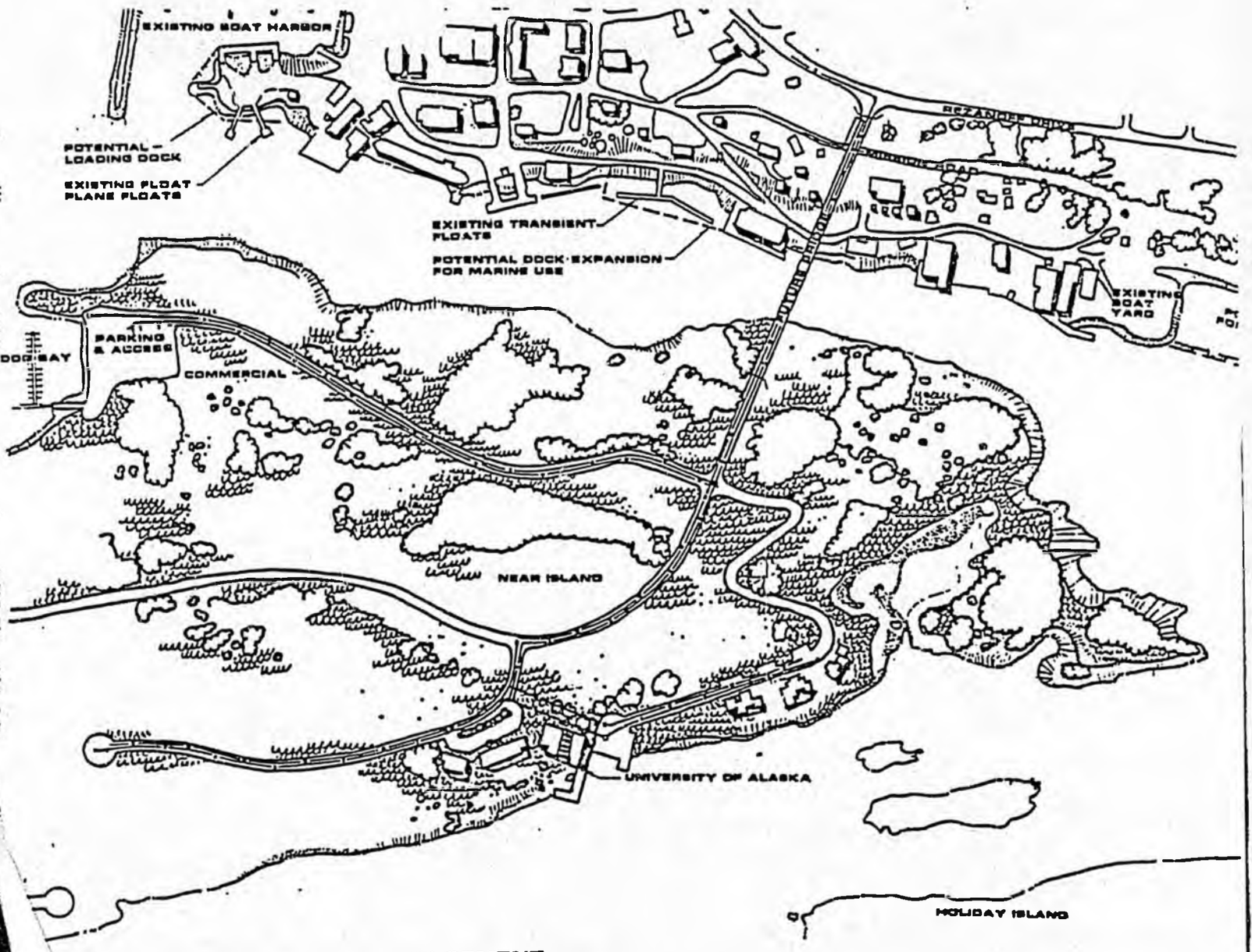


near island utility development planning & engineering funding request city of kodiak, alaska

introduction

Kodiak depends upon marine-related commerce for economic stability and future growth. To accommodate expansion of both marine commerce and other industry, the adjacent Near Island is being developed. Currently, a new bridge to the island and Dog Bay Boat Harbor have been designed, and the University of Alaska has proposed a significant addition to their program on Near Island.

Expansion of these facilities calls for supporting utilities, including water, sewer, and power. Planning, design, and construction of critical portions of the development must be a coordinated, homogeneous effort, so that the result is a functional and useful supplement to the economy. Improper planning and construction of any key element would have a negative impact on the entire Near Island plan and also impact future development.



PHASE ONE DEVELOPMENT
WATER & SEWER

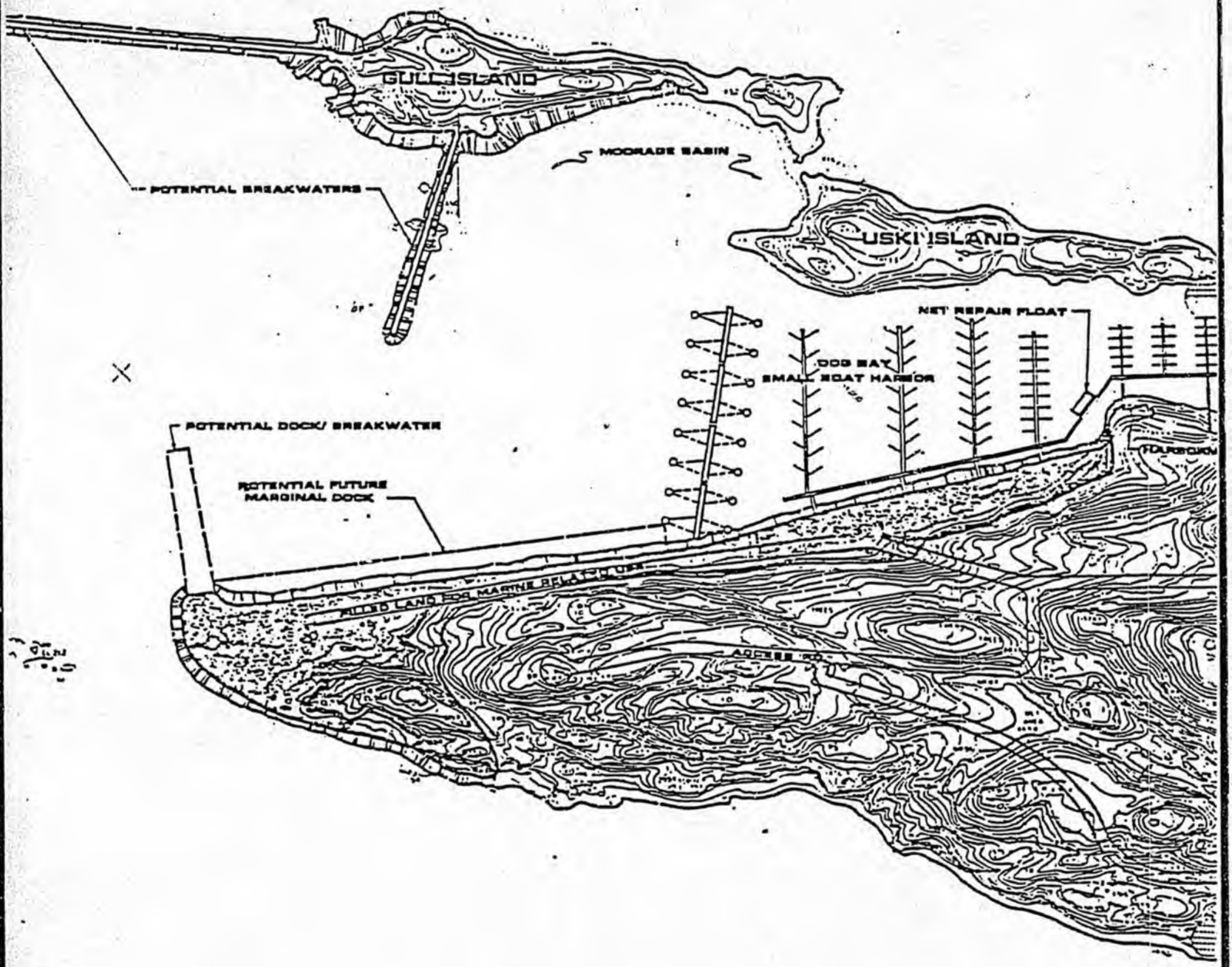
water and sewer

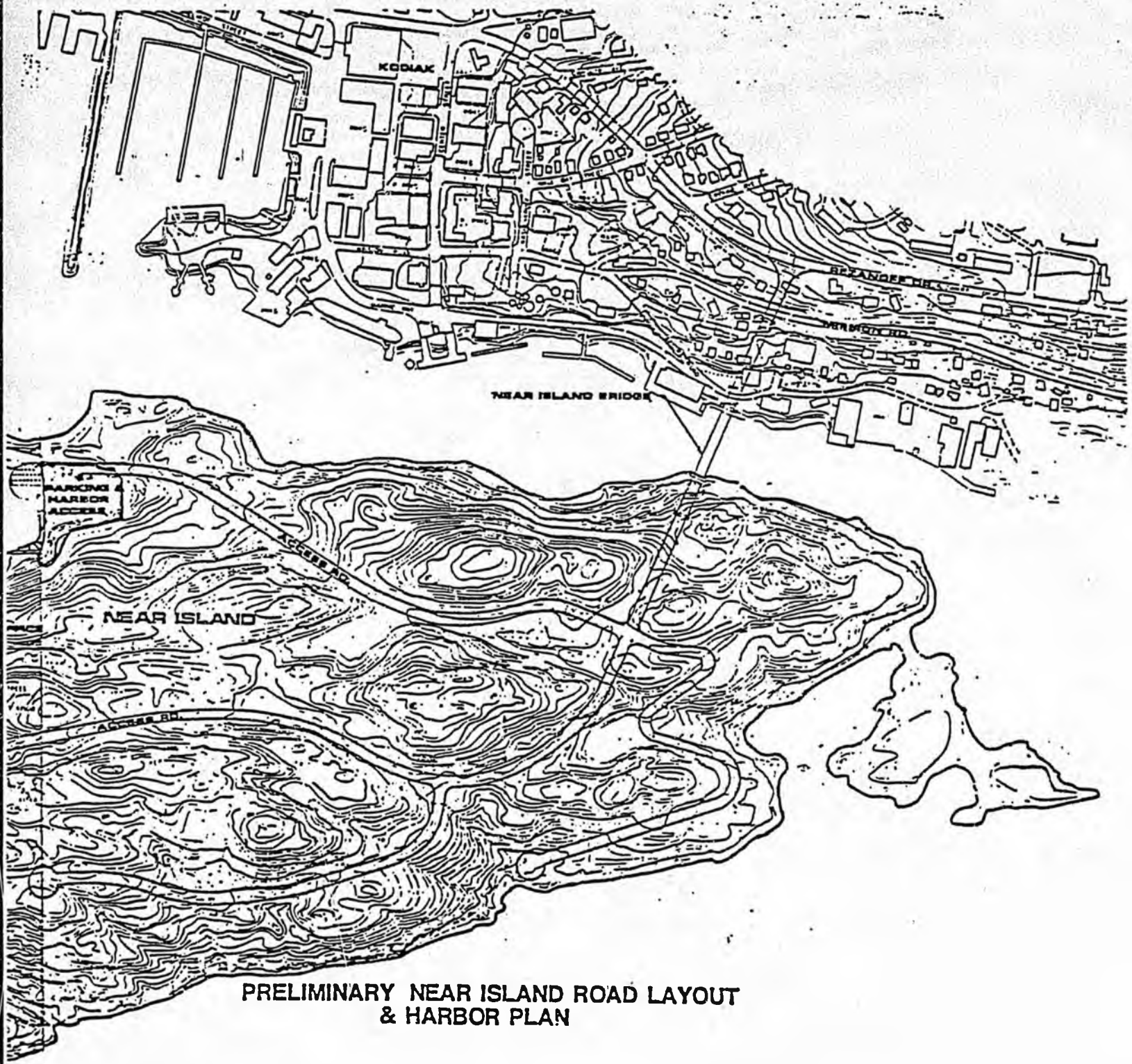
The bridge currently being designed is the key to water and sewer supply to Near Island. With a sewer connection to Rezanoff Drive and a water connection to Mission Road, trunk pipelines can be carried by the bridge and extended to key locations on Near Island.

It is imperative that planning and design of proposed pipeline connections, sizes, and supports be incorporated into the forthcoming bridge construction contract. For efficient coordinated development. the planning and preliminary design for all Near Island utilities is an important factor.

Near Island has many harsh features, including bedrock near the surface and steep slopes that can limit development. Costs of utility extensions and connections on this type of land are high, but they can be minimized with proper long-range coordinated planning.

Very preliminary drawings are included to help illustrate the nature and extent of expected development for this project.



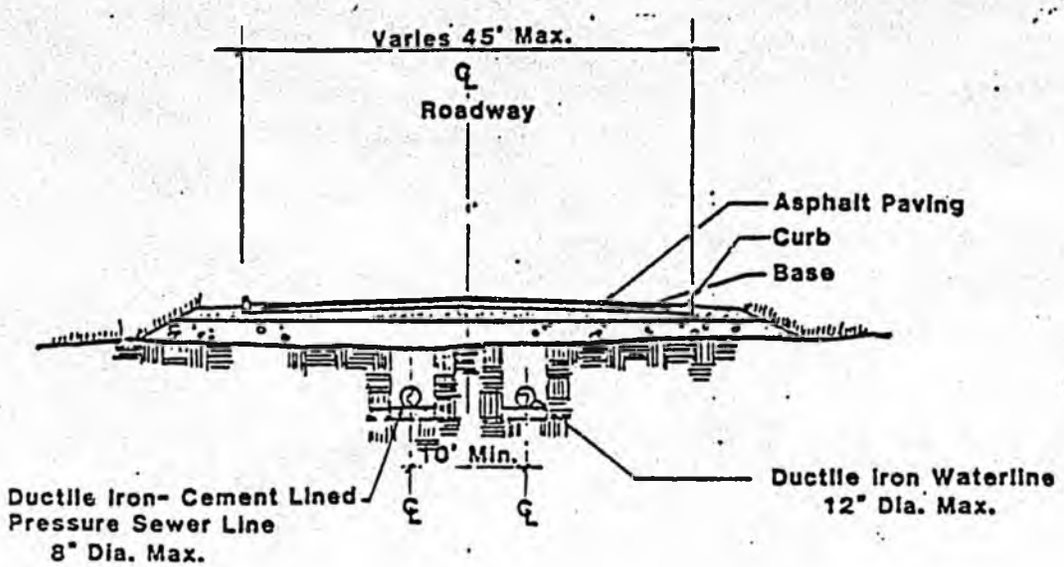


PRELIMINARY NEAR ISLAND ROAD LAYOUT
& HARBOR PLAN

project budget & timing

ime is of the essence for funding utility planning and engineering mprovements on Near Island. At present, ongoing bridge engineering must ncorporate pipelines and supports into the plans.

osts for planning, preliminary engineering, and contract development are stimated at approximately $350,000



Typical Improvement Section

CITY OF KODIAK ALASKA

For additional information, contact:

William C. Bivin, City Manager
Laurence Monroe, P.E., City Engineer
P.O. Box 1397, Kodiak, Alaska, 99615 (486-3224)

Peratrovich & Nottingham, Inc.

CITY OF PORT LIONS

RESOLUTION #83-1

A RESOLUTION OF THE CITY OF PORT LIONS REQUESTING FUNDING FROM THE STATE OF ALASKA FOR CAPITAL PROJECTS UNDER THE FOLLOWING PRIORITY LIST.

WHEREAS, the Health, Safety and Welfare of the residents of Port Lions requires a proper water and sewer distribution system, safe roads, proper fire hydrants and fire equipment, a proper Community Hall and Library Complex, and an adequate Harbormaster Building, and

WHEREAS, the following Capital Projects list for the years 1983 through 1987 will correct the problems Port Lions residents now experience, and

WHEREAS, the City of Port Lions has submitted and received approval of this Capital Projects list by the Kodiak Island Borough, and

WHEREAS, the attached priority list was submitted on January 4, 1982 to the State of Alaska and the City of Port Lions was not given any consideration to this list last year, and

WHEREAS, the Port Lions City Council has reviewed and updated the Port Lions Capital Improvement Program and wishes to resubmit the Port Lions Capital Projects list this year,

NOW THEREFORE BE IT RESOLVED, the Port Lions City Council requests the State of Alaska consider and provide funding for the attached Capital Projects List as submitted this year of 1983.

BE IT FURTHER RESOLVED, that the City of Port Lions will maintain and operate these funded Capital Projects at no cost to the State of Alaska.

THIS RESOLUTION BECOMES EFFECTIVE ON THE DATE OF ADOPTION BY A DULY CONSTITUTED QUORUM OF THE PORT LIONS CITY COUNCIL.

18 January 1983
DATE OF ADOPTION

Patricia Luka
MAYOR

ATTEST:
CITY CLERK

City of Port Lions
P.O. BOX 278
PORT LIONS, ALASKA 99550

CITY OF PORT LIONS

FY'83 CAPITAL PROJECTS

1. Bayview Drive Project

1983	Phase I: Sewer Main	$131,750.00
1984	Phase II: Sewer & Water Mains & 1200' Road Construction	$788,000.00
1985	Phase III: Final Road plus 600'	$180,000.00

2. Port Lions City Roads Rebuilding

1983	Malina St. - 140'	$17,500.00
1984	Hillside Dr. - 2,100 '	$262,500.00
1984	Main St. - 1,500'	$187,500.00
1985	Spruce St. - 1,800'	$225,000.00
1985	Birch Dr. - 1,200'	$150,000.00
1986	Birch St. - 1,800'	$360,000.00
1986	Beach Dr. - 750'	$93,750.00
1986	Cove Dr. - 300'	$37,500.00
		$1,333,750.00

1983- $ 17,500.00
1984- 450,000.00
1985- 375,000.00
1986- 491,250.00

3. Fire Hydrants & Equipment

1983	30 Hydrants @	$15,000.00
1984	Misc. Fire Equipment	20,000.00

4. Hall, City Office, Library Complex

3800 sq. ft. @ $79.00 $300,200.00

1984 150,000
1985 150,200

5. Harbormaster Building

1985-86 $150,000.00

City of Port Lions
P.O. BOX 278
PORT LIONS, ALASKA 99550

CITY OF PORT LIONS

CAPITAL PROJECTS NARRATIVE

1. BAYVIEW DRIVE PROJECT

Based upon recent preliminary engineering, the City of Port Lions recommends a total "project" concept for providing sewer, water and roads to the Bayview Drive extension. The only existing homes in Port Lions without water and sewer connections to the City's mains are located in this area. This problem represents our community's major health hazard.

The Bayview Drive Project can be developed in three phases over a 3 year period:

1983 - Phase I - Rainbow Street Sewer Main.

In order for Bayview Drive to have sewage, an intertie main with the City's existing system must be built on Rainbow Street. It will immediately serve an existing residence which reduces the community's health hazard. A preliminary engineering has already been completed by the City. Phase I consists of 775 feet of 4" ductile iron sewer main and manholes at a cost of $131,750.00

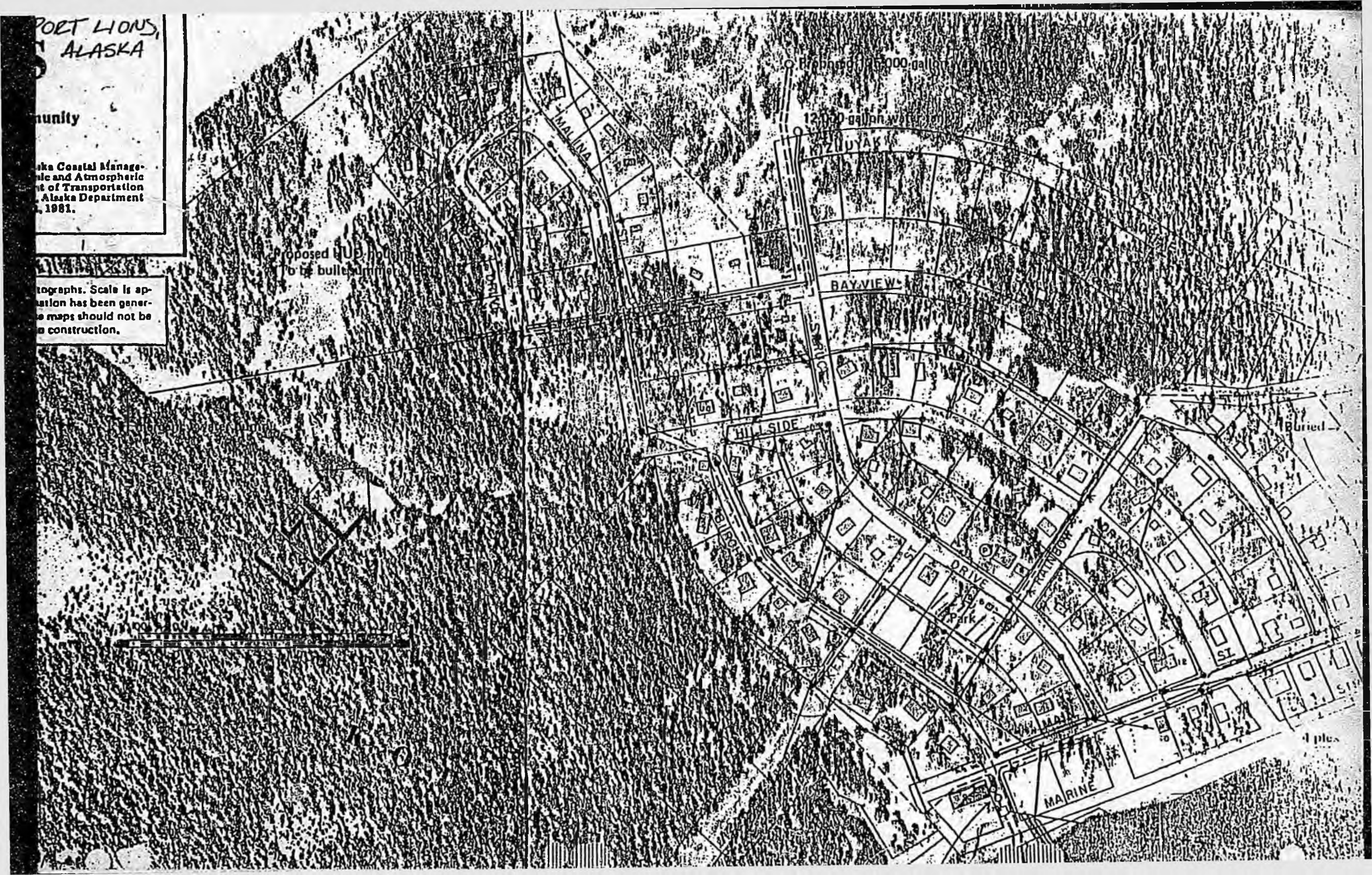
1984 - Phase II - Bayview Drive Sewer and Water Mains and Road.

Engineering reports indicate that water and sewer mains may not be constructed without the basic road construction. Phase II consists of 1,200 feet of 4" ductile iron sewer main, 1,200 feet of 4" water main and 1,200 feet of road construction. All water, sewer and the road will intertie at Rainbow Street. Preliminary engineering estimates Phase II to cost $788,000.00.

1985 - Phase III - Bayview Drive Final construction.

Final road construction of Bayview Drive plus 600 feet to intertie Bayview with all other existing City roads at a cost of $180,000.00.

It should be noted that the City charges all water and sewer users a service fee each month. The existing system operates all year and has a full time operator. The City of Port Lions is wholly responsible for operations and maintenance. The City encloses the existing Ordinance covering water and sewer regulations as Exhibit A. A copy of the preliminary plans are also enclosed.


PORT LIONS,
ALASKA
munity
ska Coastal Manage-
nic and Atmospheric
nt of Transportation
, Alaska Department
, 1981.
tographs. Scale is ap-
nation has been gener-
se maps should not be
construction.
Proposed HUD housing
to be built summer
KIZHUYAK
MALINA
BAY VIEW
HILLSIDE
DRIVE
RAINBOW
Park
MAIN
MARINE
ST.
Buried

CITY OF PORT LIONS

ORDINANCE #82-4 -- Exhibit A

AN ORDINANCE OF THE CITY OF PORT LIONS PROVIDING FOR THE REGULATION OF WATER AND SEWER FACILITIES BY AMENDING THE PORT LIONS CITY CODE, TITLE 8, BY ADDING CHAPTER 8.1.

SECTION 1. CLASSIFICATION

This Ordinance amends Title 8 by adding Chapter 1 (8.1) to the Port Lions City Code.

SECTION 2. TITLE AND CHAPTER ADOPTED

The following Title & Chapter is included in the Code of Ordinances for the City of Port Lions.

Title VIII City Utilities, Water, Sewer & Garbage.

Chapter 8.1 Regulation of Water & Sewer Facilities.

SECTION 3. USE OF WATER SOURCES OTHER THAN CITY WATER SYSTEM.

It shall be unlawful for any person to construct, maintain or utilize a source of water supply other than the city water system for drinking and sanitary purposes at any building which is located within 200 feet of lines of the city water system, unless an application for an individual water system is submitted and approved by the City Council.

SECTION 4. DISPOSAL OF SEWAGE AND LIQUID WASTE.

It shall be unlawful for any person to dispose of sewage, liquid wastes, or human excreta from any building located within the city by any method other than through the utilization of the city sewage disposal system, if the building is located within 200 feet of any community sewage line, provided that the building is at a higher elevation than the sewage line, unless application for an individual sewage system is submitted to and approved by the City Council.

SECTION 5. OPERATION OF INDIVIDUAL SYSTEMS.

It shall be unlawful for any person to operated or maintain an individual sewage disposal system, unless such system is constructed and maintained in such fashing that it does not contaminate any source of drinking, public or domestic water supply. Such systems shall comply with the applicable standards of the Alaska Department of Environmental Conservation.

SECTION 6. ILLEGAL DISCHARGES.

It shall be unlawful for any person to discharge sewage or other domestic wastes on any surface of the ground within the city.

SECTION 7. ALTERATIONS OF INDIVIDUAL SYSTEMS.

It shall be unlawful for any person to construct, alter or extend an individual sewage disposal system except by permission of the City Council.

SECTION 8. COLD WEATHER MAINTENANCE.

It shall be unlawful for any person using the City water service to fail to have his use protected from cold weather.

SECTION 9. CONNECTION TO CITY WATER SYSTEM AND SEWAGE SYSTEM.

All connections to the city water and sewage systems shall be made at the expense of the user. Costs of the connection and all appropriate regulations including the use of self-help and use of City equipment shall be established by the Council.

SECTION 10. APPLICATION FOR WATER AND SEWAGE SERVICE AND/OR CONNECTION.

A. Each application for water and/or sewage service connection shal. be in writing and shall include the following:

1. Legal name and address of the applicant.

2. Legal description and sketch of the property and building for which the water service is required.

3. The name and address of the person who will install the service lines from the building to be served to the city water and/or sewage systems.

4. An agreement to be responsible for and pay promptly all charges for the service in accordance with this Ordinance.

5. Such additional information as the City Council may require to demonstrate that the proposed connection complies with this Ordinance and any applicable regulations developed by the City Council.

B. The City is authorized to require installation of a water meter at the user's expense on any industrial or commercial consumer line and to charge for such services at a similarly established meter rate, as set forth by Ordinance.

SECTION 11. APPROVAL OF APPLICATION APPEAL.

A. If the City is satisfied that the applicaiton and the proposed connection complies with this Ordinance and applicable regulations hereunder relating to the utilization of the community water and sewage system, it shall approve the application and provide for the connection, upon acknowledgement of the established fees.

B. Any person whose applicaiton for connection has been denied or conditionally approved may appeal to the City Council at its next regularly scheduled meeting.

SECTION 12. INSTALLATION OF SERVICE LINES.

A. All consumer lines to the point of connection to the City water and sewer lines shall be installed by the user, at his or her own expense, and remain his or her responsibility for maintenance and repair.

B. The point of connection shall be the water and sewer mains in all cases.

SECTION 13. APPROVAL FOR CONSTRUCTION OF INDIVIDUAL WATER AND SEWER SYSTEMS.

A. An applicaiton for approval for the construction, or extension to additional residential units, of an individual water system or sewage disposal system shall be made in writing to the City and shall include the following:

1. Legal name and address of the applicant.

2. Legal description and sketch of the property on which the construction is proposed.

3. A sketch of the proposed disposal facility and such additional information as the City may deem necessary to demonstrate that the proposed disposal facility shall comply with this Ordinance and the standards of the Alaska Department of Environmental Conservation.

B. If the City Council is satisfied that the proposed facility will comply with this Ordinance and with the State health regulations, it shall approve the application.

C. Any person whose applicaiton has been denied may appeal to the next Regular Meeting of the City Council.

SECTION 14. MAINTENANCE OF PLUMBING SYSTEM/RESPONSIBILITY OF CONSUMER.

Each consumer of community water or sewage service shall maintain his or her individual water and waste facilities in good repair at his own expense. The consumer's responsibility for water and sewer facilities shall begin at the point of connection to the City's water and sewer main lines and shall include all facilities from that point throughout the building. In the case of individual water and sewer systems, the consumer shall have complete responsibility for his own system.

SECTION 15: MISUSE OF WATER AND SEWER FACILITIES.

Water and sewer facilities may be corrected at the property owners expense by the City where defective fixtures or misuse may affect the safe and proper operation of the City water and sewer system, where there is a willful waste of water; where there is a refusal to permit an inspection by the City.

SECTION 16. AUTHORIZED INSPECTION.

The City through its designated representative or representatives is hereby authorized to make inspections at reasonable times during daylight hours to determine satisfactory compliance with this Ordinance and regulations thereunder.

SECTION 17. ADMINISTRATION AND ENFORCEMENT.

This Ordinance shall be administered and enforced by the City Council. The City Council shall have the authority to establish and regulate by Ordinance, monthly utility rates for water supply and sewage collection services and connection fees, for all domestic and commercial consumers and industrial consumers.

SECTION 18. PUBLIC INSPECTION OF RATES.

A current file of all rates adopted by the City Council by Ordinance shall be available for public inspection during regular business hours at the City office.

SECTION 19. USE OF MONIES COLLECTED.

All monies collected for water and sewage utilities will be used strictly for maintenance, extension, repair, capital improvement and operation of the systems.

SECTION 20. ADDITIONAL REGULATIONS.

The City Council shall adopt such additional regulations, provisions and procedures pertaining to water supply and sewage collection services (utility services) as it deems proper.

SECTION 21. UTILITY OPERATOR.

The utility system shall be operated and maintained by a utility operator. The utility operator shall be the Director of the Department Works and Engineering. The City Clerk shall act as the utility system treasurer.

SECTION 22. QUARTERLY REPORT.

The City Clerk and utility system operator shall develop a written quarterly report for the City Council. This report shall itemize all income sources and disbursements from the operation and maintenance of the utility system. This report shall be approved and filed in the City records.

SECTION 23. TURNING ON SERVICE.

No water from the City water supply shall be turned on for service into any premises by a person except such person or persons as the City shall authorize to perform this service.

SECTION 24. APPLICATION FOR SERVICE.

Applicaiton to have water turned on shall be made in writing to the City Clerk and shall contain an agreement by the applicant to abide by and accept all of the provisions of this Ordinance and of any regulations adopted pursuant to this Ordinance as conditions governing the use of the City water supply and waste disposal facilities by the applicant.

SECTION 25. CONSEQUENCES OF NON-PAYMENT OF SERVICE CHARGES.

Interest at 1.5% per month will be charged on accounts overdue more than 30 days.

SECTION 26. TEMPORARY DISCONNECTIONS.

Temporary disconnections are allowed only if the user requests such disconnections in writing to the City office. Billings will be discontinued upon that request if all past due amounts have been paid in full.

Patricia Lukin
INTRODUCED BY

Patricia Luke
MAYOR

8 April 1982
1st READING

ATTEST: [signature]
CITY CLERK

13 May 1982
2nd READING/PUBLIC HEARING

13 May 1982
DATE OF ADOPTION

IGIUGIG VILLAGE COUNCIL
LEGISLATIVE REQUEST # 2
WATER AND SEWAGE/LANDFILL

Need:

The village of Igiugig, which has 33 residents, located on Iliamna Lake, has no centralized or individualized water system, or landfill capable of taking solid waste. Currently there is a landfill, however, it is too close to the town, being between the school and the village. It is also located too close to the Kvichak River and Iliamna Lake.

Water has long been a crucial need at Igiugig, ironically, being beside the largest fresh water lake in Alaska. Water from the lake is currently used, which is acceptable, aside from the fact that it must be packed from the river and/or lake. The elderly folks must have others pack their water.

There is no sanitary facility accepting solid wastes, and the landfill is located on airport property. A more appropriate site is located about 1.5 miles from the village, away from the watershed.

Method of Construction and Management:

The village council requests that the funding be allocated through the Department of Community and Regional Affairs, Division of Local Government Assistance. The council would manage the project utilizing local labor, and subcontracting the water well work. Substancial engineering would be done to see if a centralized system of water intake from Iliamna Lake would be cost effective, both in construction and operations and maintance. Federal funding would be combined with this project, however, at this time, the federal agency (P.H.S.) has extremely limited funds.

Budget:

The budget request for this project is $ 838,000. These costs were established from estimates by the Public Health Service. A breakdown of the budget request is attached.

IGIUGIG VILLAGE COUNCIL
LEGISLATIVE REQUEST # 2
SEWAGE AND WATER SYSTEM

BUDGET DETAIL

Water:			
15 water wells 750ft @ 85/ft	63,750.		
15 pressure systems @ 2,500 each	37,500.		
15 service systems @ 800 each	12,000.		
15 sinks and plumming @ 1000 each	15,000.		
Subtotal this category		150,750.	
Sewage:			
15 Septic tanks & drainfields @ 6,500	97,500.		
15 toilets and plumming @ 3,000	45,000.		
1 sludge pump and tank trailer	6,500.		
Subtotal this category		149,000.	
Solid Waste:			
1 chain link fence 1,450 lf @ 30lf	43,500.		
1 2 yd front end loader	75,000.		
15 garbage cans @ 35. each	525.		
1.5 mile access road dump @ 100,000	150,000.		
1 storage building	18,000.		
Subtotal this category		287,025.	
Labor:			
8 960 hours @ 12/hr @ 11,520	92,160.		
Fringe @ 15%	13,824.		
Subtotal this category		105,984.	
Engineering and Administrative			
Engineering	40,000.		
Administrative @ 10%	83,800.		
Subtotal this category		123,800.	
Contingency		21,441.	
TOTAL THIS REQUEST			$ 838,000.

(1) Project Title	(2) Location	(3) Elect/Dist	(4) Start Date	(5) Complete Date
BALLAINE LAKE SEWER SERVICE	Fairbanks	21	/83	12/83

(6) COST

Funding Sources

1002	Federal Receipts	
1004	General Fund	$700.0
1005	I/A Receipts	
1010	G.O. Bonds	
TOTAL PROJECT COST		$700.0

(7) Operating Impact

		First Op. Yr.	Ult. Annual Yr.
Funding Source	Fed. Rec.		
	Gen. Fund		
	Other		
	Total		
Positions (FTE)			

op cost paid by service district

(8) APPROPRIATED TO:

☐ State Agency
Agency Name
Program

OR

☒ Municipal Grant
Municipality Name
FAIRBANKS NORTH STAR BOROUGH

PROJECT DESCRIPTION (9)

The goal of this project is to correct a serious health hazard which threatens to disrupt the quality of life in an area of the Borough.

The 50 homes in the Ballaine Lake Subdivision have been plagued with surfacing sewer effluents caused by failing holding tanks and discharge into impermeable soils for several years. In several areas the surface soils have been contaminated and the situation has created a substantial health hazard.

As a solution to the problem the Service Area is proposing to have a sewer main extended by College Utilities Corporation across University of Alaska land and Farmers Loop Road to the subdivision. Roen Design of Fairbanks has developed an estimated construction cost from a preliminary design plan approved by area residents and the University.

SENATOR DON BENNETT

REQUESTING LEGISLATOR:

(Signature)

FY 84

(10) CATEGORY

LEGISLATIVE REQUEST
PROPOSED CAPITAL
PROJECT

LIST IV - These projects are included in the 1983 Program for Progress funding request to the State of Alaska. The list contains only those projects on which construction could begin in 1983 if a timely appropriation is received.

	PROJECT	AMOUNT
1.	School District - Fire/Life Safety	$ 750,000
2.	Handicapped Barrier Removal	300,000
→3.	Ballaine Lake Sewer Service	700,000
4.	Energy Management - Retrofit Projects	120,000
5.	Fire Service Area Projects	300,000
6.	Security Systems - Borough Schools	125,000
7.	Parks and Recreation Projects	350,000
8.	North Pole Library Remodel	71,300
9.	Heritage Park Development	44,500
	SUBTOTAL	$ 2,760,800

SUMMARY

List 1 -	These projects are funded and are underway at this time. Construction will continue or begin in 1983.	$31,342,100
List 2 -	These projects are funded and have been assigned to staff for implementation. Construction is estimated to begin in 1983.	6,221,250
List 3 -	These projects are recommended to the Assembly for funding from local sources. If funded, construction is intended to begin in 1983.	4,133,400
List 4 -	These projects are included in the 1983 Program for Progress funding request to the State of Alaska. The list contains only those projects on which construction could begin in 1983 if a timely appropriation is received.	2,760,800
	TOTAL	$44,457,550

QUALIFICATION

We feel we must qualify the above lists by stating that they represent our intended objective. Should a lack of reasonable bids or competition begin showing up, or if the market becomes saturated, the Department will delay projects as necessary to insure receipt of proper value for each dollar appropriated.

PLEASE SIGN YOUR NAME, TITLE, AND AGENCY FOR THE RECORD AND RETURN THE LIST TO THE SECRETARY. THANK YOU.

NAME	TITLE	AGENCY
Michael T Hill	Staff	Sen Mulcahy
David Donley	Staff	Sen Josephson
Vicki Clayman	ANLP	
Pauline Halkett	ANLP	
Rinna Posehn	ANLP	
Karen Nguyen	ANLP	
Greg L Nothstine	ANLP	
Caroline E Sam Smith	ANLP	
Charmaine V Ramos	ANLP	
Al Stevens	ANLP	
Richard L Stone Alaska Native Leadership Project (ANLP)		
Patrick Anderson	Leg. Affairs	Mun. of Anchorage
Donna M. Christie	ANLP/[illegible]	Tanana Chiefs Conference
Gary [illegible]	City Admin.	Nikolai
Pete [illegible]	council member	Nikolai, AK
Bob Droege	Aide	Sen Josephson
Dirk Halliwill	Student	Haines High School
Ginny Chitwood	Exec. Dir.	Ak. Municipal League
Gary Hayden	Chief Water Quality	A.D.E.C.
Kim Cusson	Alaska FHA/HERO	Parliamentarian
Doris Bagley	"	" Secretary/Treasurer

TESTIFY (Yes/NO)	NAME/REPRESENTING/ADDRESS	PHONE
	Carolyn Peter - Ak Native Leadership Training Project	
	Judy Ramos - Coordinator Alaska Native Leadership Project	

SENATE FINANCE MEETING
February 15, 1983

9:00 a.m.

SB 15 An act making a supplemental appropriation to the Department of Environmental Conservation; and providing for an effective date.

① Project Title	② Location	③ Elect Dist	④ Start Date	⑤ Complete Date
SLUDGE DISPOSAL FACILITY	Fairbanks	20	5/83	12/83

⑥ COST

Funding Sources

1002	Federal Receipts	
1003	G/F Match	
1004	General Fund	$850.0
1005	I/A Receipts	
1010	G.O. Bonds	
TOTAL PROJECT COST		$850.0

⑦ Operating Impact

		First Op. Yr.	Ult. Annual Yr.
Funding Source	Fed. Rec.		
	Gen. Fund		
	Other		
	Total		
Positions (FTE)			

⑧ APPROPRIATED TO:

☐ State Agency
Agency Name
Program

OR

☒ Municipal Grant
Municipality Name City of Fairbanks

PROJECT DESCRIPTION ⑨

This project would upgrade the present sludge handling facilities at the Wastewater Treatment Facility. The work proposed would construct permanent drainable drying beds and install high efficiency sludge dewatering units.

With the current beds, sludge disposal costs an estimated $100,000 per year because the dewatering units experience a high incidence of mechanical failure. Higher efficiency units will produce a drier sludge, requiring less land for beds. Properly constructed sludge drying beds will allow the leachate to return to the treatment facility thus enhancing the drying but not contaminating the ground water.

SENATOR DON BENNETT

REQUESTING LEGISLATOR:

(Signature)

FY 84

⑩ CATEGORY

35 LEGISLATIVE REQUEST
PROPOSED CAPITAL PROJECT

Program for Progress

Project: Sludge Disposal Facility

Sponsoring Agency: City of Fairbanks

Capital Request: $1,500,000

Estimated Annual M&O Cost: $40,000/year savings for the completed project

Description/Public Benefit:

This project will upgrade the present sludge handling facilities at the Fairbanks Wastewater Treatment Facility. The work proposed would construct permanent drainable drying beds and install high efficiency sludge dewatering units.

With the current beds, sludge disposal costs an estimated $100,000 per year because the dewatering units experience a high incidence of mechanical failure.

Higher efficiency units will produce a drier sludge, requiring less land for drying beds. Properly constructed sludge drying beds will allow the leachate to return to the treatment facility thus enhancing the drying but not contaminating the ground water.

Contact Person

Name: John Miko

Title: Sewer Manager

Phone: 456-2235

① Project Title	② Location	③ Elect Dist	④ Start Date	⑤ Complete Date
CITY SEWER/DRAINAGE UPGRADE	Fairbanks	20	5/83	12/83

⑥ COST

Funding Sources

1002	Federal Receipts	
1003	G/F Match	
1004	General Fund	$960.0
1005	I/A Receipts	
1010	G.O. Bonds	
TOTAL PROJECT COST		$960.0

⑦ Operating Impact

		First Op. Yr.	Ult. Annual Yr.
Funding Source	Fed. Rec.		
	Gen. Fund		
	Other		
	Total		
Positions (FTE)			

⑧ APPROPRIATED TO:

☐ State Agency
Agency Name
Program

OR

☒ Municipal Grant
Municipality Name CITY OF FAIRBANKS

PROJECT DESCRIPTION ⑨

Sewer collection systems and the treatment plant often become overloaded during periods of storm run-off.
This project will upgrade drainage in the identified problem areas. Water will be diverted prior to entry into existing sewer lines.

SENATOR DON BENNETT

REQUESTING LEGISLATOR:

(Signature)

FY 84

⑩ CATEGORY

35 LEGISLATIVE REQUEST
PROPOSED CAPITAL PROJECT

① Project Title	② Location	③ Elect Dist	④ Start Date	⑤ Complete Date
Van Horn Interceptor Upgrade	Fairbanks	20	5/83	11/83

⑥ COST

Funding Sources

1002	Federal Receipts	
1003	G/F Match	
1004	General Fund	$360.0
1005	I/A Receipts	
1010	G.O. Bonds	
TOTAL PROJECT COST		360.0

⑦ Operating Impact

		First Op. Yr.	Ult. Annual Yr.
Funding Source	Fed. Rec.		
	Gen. Fund		
	Other		
	Total		
Positions (FTE)			

⑧ APPROPRIATED TO:

☐ State Agency
Agency Name
Program

OR

☒ Municipal Grant
Municipality Name CITY OF FAIRBANKS

PROJECT DESCRIPTION ⑨

The existing Van Horn interceptor serves as the main collector from Ft Wainwright lines and feeder lines from So Fairbanks. High ground water and pecular conditions contribute to the poor carrying capacity in the area.
Funds will implement the designed upgrade solution to the Van Horn condition.

SENATOR DON BENNETT

REQUESTING LEGISLATOR:

(Signature)

⑩ CATEGORY

FY 84

35 LEGISLATIVE REQUEST
PROPOSED CAPITAL
PROJECT

FEB 4

CITY OF FAIRBANKS
Office of City Manager
410 CUSHMAN STREET
FAIRBANKS, ALASKA 99701
907-452-1881

February 1, 1983

Representative Bob Bettisworth
Pouch V
Juneau, Alaska 99811

Dear Representative Bettisworth:

I received the word from Mayor Walley and Councilman Ted Lehne that you are interested in reviewing those projects that we may start construction on this 1983 season.

They are:

1. Drainage project city-wide, $960,000, employing 20 additional men, would accomplish four miles (21,000 feet) of drainage.

Slaterville	Feet of Drainage
Betty, Clara & Charles Street	1,700
Aurora	
Bridgewater East of Fern	800
Alleys East of Aurora Drive	3,000
Marika-Evergreen Intersection	800
Sendel	600
Bridgewater East of Aurora Drive	100
West Fairbanks	
Rewak Drive Outfall	2,000
Mooreland Acres Alleys	1,100
Townsite	
6th Avenue East of Lathrop St.	200
Crosson St.	1,300
Denali Way	200
10th & Stewart	500

South Fairbanks	Feet of Drainage
Maryann Alley	500
26th East of Cushman	300
Drainage into new 23rd Avenue System	1,100
Island Homes	
Replace concrete troughs	1,000
Upgrade Island Homes Drainage Slough	2,700
Hamilton Acres	
Alley drainage next to Farewell	7,500
Adjacent alley drainage	3,000
"F" Street Outfall	2,000
	33,900 feet = 6.4 miles

2. Another unfunded project that could be under construction this season is the Arctic Park and Council Subdivision Street Improvements. We have all the field work for this project and a substantial portion of the design work. If construction funding were made available prior to the end of February, 1983, this project could be under construction in the 1983 season. This project would employ about twenty (20) persons working on site during most of 1983 with some work continuing into the 1984 season. Immediate funding in the amount of $1,818,000 is required.

The following projects, of our utility plants, are also ready for immediate construction, and all require funding in the amounts indicated:

	Sewer Utility	Man-Months	Amount
3.	Van Horn Interceptor	30	$ 360,000
4.	Sludge Disposal Facility	120	850,000
	Water and District Heat Utility		
5.	Steam and Condensate Line Replacement	4	152,600
6.	Steam Manholes and Utilidor Rehab	15	183,000
	Telephone Utility		
7.	Remodel Telephone Service Center	40	100,000
8.	Globe Routine Additions	50	532,000
9.	University Switching Center (Greenwood X-Change)	20	228,000
10.	Goldstream Routine Additions	6	62,000

Introduced: 1/18/83
Referred: Community and Regional Affairs and Finance

Funding Information

General Fund	$28,000,000
Other Funds	-0-
	$28,000,000

BY GILMAN, STURGULEWSKI AND P.FISCHER

IN THE SENATE

SENATE BILL NO. 15

IN THE LEGISLATURE OF THE STATE OF ALASKA

THIRTEENTH LEGISLATURE - FIRST SESSION

A BILL

For an Act entitled: "An Act making a supplemental appropriation to the Department of Environmental Conservation; and providing for an effective date."

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

* Section 1. The sum of $28,000,000 is appropriated from the general fund to the Department of Environmental Conservation for grants for water and sewer facility construction authorized by AS 46.03.030.

* Sec. 2. This Act takes effect immediately in accordance with AS 01.-10.070(c).

SENATE FINANCE MEETING
February 15, 1983

9:00 a.m.

SB 15 An act making a supplemental appropriation to the Department of Environmental Conservation; and providing for an effective date.

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STATE OF ALASKA
PRELIMINARY STATEMENT OF FISCAL IMPACT

Bill No: CCSB 15 (FIN) Date on Bill: 2/28/83
Title: "An act...special appropriations...municipalities for water,sewer or solid waste grants.."
Sponsor: Gilman, Sturgulewski & P. Fischer
Requestor:

1. Estimated fiscal impacts on:

a. Expenditures:

(Thousands of Dollars)

			FY 83	FY 84	FY 85	FY 86		
Capital			$57,898.5	Ø	Ø			
Operating			77.8	84.6	87.4			
Total			57,976.3	84.6	87.4			

b. Revenues:

Revenue			Ø	Ø	Ø			

2. Source of funds to offset fiscal impact of bill:

3. Assumptions: Fiscal Note prepared on section 3 only, with operating costs based on one auditor and one accounting clerk.

4. This statement has not been reviewed by the OMB in the Office of the Governor.

Prepared By: Kenneth R Ryals Phone: 465-2277
Division: Director, Administrative Services Date: 3/1/83

Approved by Commissioner: L S Rudd Date: 3/1/83
Department: Department of Administration

5. Distribution:
Original to Legislative Finance
Copy to Department
Copy to Sponsor
Copy to Requestor

2/8/83

STATE OF ALASKA
PRELIMINARY STATEMENT OF FISCAL IMPACT

Bill No: SB 15 Date on Bill: 1/18/83
Title: Supplemental Appropriation to the Department of Environmental Conservation.
Sponsor: Gilman
Requestor: Senate Community and Regional Affairs Committee

1. Estimated fiscal impacts on: Department of Community and Regional Affairs

a. Expenditures:

(Thousands of Dollars)

			FY 83	FY 84	FY 85	FY 86		
Capital			-0-					
Operating			-0-					
Total			-0-					

b. Revenues:

Revenue								

2. Source of funds to offset fiscal impact of bill:

None indicated by sponsor.

3. Assumptions:
This supplemental appropriation will be administered by the Department of Environmental Conservation. No fiscal impact on this Department.

4. Disclaimer:
This statement has not been reviewed by the OMB in the Office of the Governor. It does not represent the policy of the Sheffield Administration or the final estimate of fiscal impact.

Prepared By: Richard Rainery RR Phone: 465-4703
Division: Commissioner's Office Date: 2/16/83

Approved by Commissioner: [signature] Date: 2/18/83
Department: Department of Community and Regional Affairs

5. Distribution:
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