

CITY OF WASILLA

290 E. HERNING AVE.
WASILLA, ALASKA 99687
PHONE: (907) 373-9050
FAX: (907) 373-0788

COUNCIL MEMORANDUM NO. 90-71

FROM: Deputy Administrator

DATE: September 20, 1990

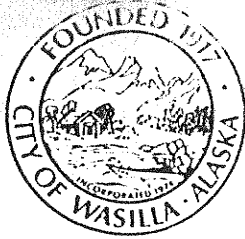
RE: Storm Drain Project

The Administration has not been able to reach an agreement with the Troseth's, the owners of property on which we plan to place the storm drain pumping station. However, they have agreed to allow us to perform the tests which will provide more of an indication of the usefulness of the property for the project.

Attached is the engineer's proposed budget for the dewatering tests. Funding is available from Municipal Grant #4/86-314 in which \$82,344.26 remains from the original \$250,000 for storm drain projects. The engineer requests that \$40,000 be allocated for the dewatering tests.

Robert E. Harris
Deputy Administrator

Approved 9/24/90



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COPY

TO: Bob Harris
City Administrator

THRU: Bob Gilfilian *BEA*
City Engineer

FROM: C. Peter Curtis *CP*
Assistant City Engineer

DATE: August 21, 1990

SUBJECT: Dewatering Well Construction Cost Estimate
Troseth's Block 9, Kennedy Addition

Per your request, we have prepared a construction and engineering estimate for the above referenced project. This work includes the final bid preparation, plan reviews, competitive bid solicitation, construction, engineering contract administration, pump test, evaluation of the dewatering test, city legal and administrative fees.

These costs are based on similar projects where water wells were constructed; however, we have increased the construction contingency percentage from our usual 15% to 20% due to uncertainty of the cost to drill and test pump a large diameter well. The costs reflect the minimum wage requirements and are based on a construction schedule of five working days.

The following is an itemized list of tasks to be accomplished by the contractor and engineering required to complete this project:

Construction

- | | |
|---|---------------------|
| 1. 14 inch diameter well construction, development and testing | \$ 19,000.00 |
| 2. 6 inch diameter well construction and abandonment | 2,000.00 |
| 3. Furnishing the discharge piping, erosion control and energy disaporator | 8,200.00 |
| Subtotal Construction Cost Estimate | <u>\$ 29,200.00</u> |

KENNEDY.MEM:PC

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Dewatering Well Cost Estimate
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Engineering and City Administration

| | |
|--|--------------|
| 1. Engineering design, bid preparation and solicitation, contract administration final report, City Administration, legal fees, advertising and administrative contingency | \$ 10,800.00 |
| | ----- |
| Total Estimated Project Budget | \$ 40,000.00 |

As you are aware, the purpose of the well and pump test is to obtain very valuable information on the characteristics of the groundwater table. This information will help us evaluate the purchase of the Troseth property for the pump station. Also, the pump test data will provide information for the bidding contractors to determine their costs for dewatering the project site during the construction of the pump station.

It should be further noted that the above budget includes the following items that will be of value to the City after the completion of the water table drawdown test:

- The 14- inch diameter well will be used for the operation of the storm water pump station.
- The discharge piping system will consist of 6" diameter HDPE pipe that can be re-used for placement on the City STEP sewer system.