



## CITY OF WASILLA

290 E. HERNING AVE.  
WASILLA, ALASKA 99654-7091  
PHONE: (907) 373-9050  
FAX: (907) 373-9085

### COUNCIL MEMORANDUM 96-05

From: John T. Felton, Public Works Director/City Engineer

Date: January 3, 1996

Subject: Woodcrest Paving L.I.D.  
Professional services Agreement

Per the Council's direction, I have been continuing with the Woodcrest Paving L.I.D. The project is at the stage where we need to obtain an Engineer's Estimate. I chose Denali North to perform this work as they have already designed the intersections for the Glenwood Paving project and would be the most logical party to coordinate the two projects.

Mr. Whaley and I have negotiated the attached proposal for this work. It is detailed as to both price and scope of work. Because of this year's unusual weather and the high degree of interest in this project, we decided to include the design surveying and soils testing. Having this data at this time will allow the project to be designed and bid to coincide with the Glenwood Paving project. This should greatly reduce the costs to the City and the L.I.D. members. There are no design costs as we do not have a final vote of the L.I.D. members; however, as I stated I think that this project is almost assured to pass and a design contract will be awarded in February.

**APPROVED**

DATE: 1-8-96  
BY: M. Harris

Recommendation:

The Public Works Department recommends that the Council authorize the administration to enter into a professional services contract with Denali North for \$12,190 for the initial engineering and surveying for the proposed Woodcrest L.I.D.



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John T. Felton  
Public Works Director/City Engineer

# DENALI NORTH

P.O. Box 870086  
Wasilla, Alaska 99687

December 28, 1995

RECEIVED

DEC 29 1995

City of Wasilla, Alaska

City of Wasilla  
290 E. Herning  
Wasilla, AK 99654

ATTN: John T. Felton, P.E.

RE: Request for professional services for  
Woodcrest Paving L.I.D.

Dear Mr. Felton,

This is in response to your letter dated 12/27/95.  
At this time I will provide you with the first estimate to include L.I.D. engineers estimate, design survey, utility locates, and optional soils testing.

I will follow up with a 2nd estimate to perform final design, bid ready plans and specs, contract administration, and construction inspection services.

This project consists of approximately 4,050 L.f. of road, with 15 driveways (more or less), and 4 postal pads. There is overhead power and underground telephone, currently MEA is hydro-axing their easements and should be complete next Tuesday. The North cul-de-sac appears to be substandard in size.

The proposal breakdown for the first estimate is as follows:

I. <u>Engineer Estimate</u>			
1) Prepare preliminary quantity calcs			
2) Prepare construction estimate		\$	1,450.00
II. <u>Research</u>			
R.O.W., plats, easements, etc.			500.00
III. <u>Coordinate Utility Locates</u>			
			350.00
IV. <u>Design Survey</u>			
2 man crew	24 hours @	\$85.00	\$ 2,040.00
3 man crew	20 hours @	105.00	<u>2,100.00</u>
		Sub Total	\$ 4,140.00

V. Computer Work (Preliminary Checks & Input)

- 1) Edit and Define "T" model.
- 2) Review & check notes & "T" model for any additional shots needed.
- 3) Print preliminary plan and "T" model drawing (if needed).
- 4) Locate utilities.

Design Technician	24 hours @ \$ 55.00	\$ 1,320.00
R.L.S.	10 hours @ \$ 75.00	750.00
		<u>Sub Total \$ 2,070.00</u>

VI. Soils Testing (Optional)

- 1) Excavate soil samples 2° ft. deep with jack hammer or 580 case hoe with 12" bucket (NOTE: Deeper test holes would be extra)  
8 test holes @ \$195.00 each \$ 1,560.00
- 2) Perform Soil Testing (Estimated 8 test holes, see attached map)
  - A) Dry sieve \$50.00 ea.
  - B) Wash sieve 75.00 ea.
  - C) Hydrometer test 60.00 ea.  
w/Frost classification
  - D) Engineer Review 45.00 ea.
  - E) Collect soil samples 35.00 ea.

8 test holes @ \$265.00 ea.	\$ 2,120.00
Sub Total	\$ 3,680.00

Total Estimate \$12,190.00

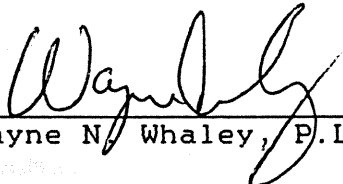
Total Estimate  
w/o Soils Option \$ 8,510.00

You will note that I have included soils testing prices. Based on the potential for poor soils on Thomas St. and Bertha Lane we may want to do the soils prior to the engineers estimate. I have a 580 case rubber tire backhoe with a 10" or 12" bucket and I think that may be the most feasible way to do test holes in these conditions. This year frost may not be gone till mid-June, which may be a little late to revise drawings and specs. It may be better for the project schedule to perform the testholes now.

I have tried to include everything needed prior to weather. We are prepared to go to work next week on the field survey work. If you decide to do the soil testing now our schedule would not be as critical as the topography/asbuilt work.

We look forward to working with the City on this project. If you have any questions please feel free to contact us.

Sincerely,

  
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Wayne N. Whaley, P.L.S.

# Proposed Woodcrest Paving L.I.D.

## TEST HOLE PLAN

