



January 27, 2014

PND 072071.04

Carlos Jimenez  
Haines Borough Director of Public Works  
PO Box 1209  
Haines, Alaska 99827

Subject: Haines Borough Street Improvements – 3<sup>rd</sup> Avenue  
Underground Power, Cable & Communication Lines

Dear Mr. Jimenez:

At your request, PND has prepared a rough order summary of costs anticipated for burying all power, cable and communication lines on the referenced project. We were assisted in this effort by Barry Begenyi, P.E. from Begenyi Engineering and Danny Gonce from AP&T. Budget estimates include construction costs, project contingency, design and contract documents, contract administration and inspection.

Option No. 1 – Full replacement of all power, cable and communication lines including new street lighting and a fiber optic cable connecting the Public Safety Building and the Library. Total estimated budget = \$575K.

Option No. 2 – Buried conduit only will be installed during roadway improvements to allow for future completion of all underground power, cable and communication utilities. Total estimated budget = \$230K.

Option No. 3 – Install underground fiber optic communication cable and conduit connecting the Public Safety Building and the Library. Total estimated budget = \$50K.

Please advise at your earliest convenience if you wish PND to include any of these options in the bid documents for Third Avenue. The roadway improvements are currently at a 95% design completion level and we will need to prepare an amendment for electrical engineering services for the selected option, if any.

We look forward to receiving your direction on this matter. Feel free to call me at any time if you have any questions or need further information.

Sincerely,  
PND Engineers, Inc. | Juneau Office

A handwritten signature in blue ink, appearing to read 'Dick Somerville', is written over a light blue horizontal line.

Dick Somerville, P.E.  
Vice President