



## AGENDA ITEM COVER SHEET

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**ITEM NO:** Consent Items 6, 7, 8

**DATE:** October 15, 2003

**SUBJECT:** Engineering Agreement for the  
I/I Reduction Program, Phase II Improvements Project  
Sanitary Sewer Replacement on 1<sup>st</sup> Street

**CONTACT PERSON:** City Engineer Stack  
Public Works Director Dunn

**SUMMARY:** Following discussion with the Public Works Committee on August 29, 2003, committee members and staff concluded unanimously that design and related work should proceed immediately for this high priority project. An agreement including a detailed work scope and fee estimate was prepared by Berryman and Henigar to provide design engineering services for the project.

In an effort to reduce costs and spread work among several firms, services for surveying and geotechnical work were solicited separately for the project. This will save the typical markup of those services by the design engineer (typically 10%). In addition, these firms are smaller firms with lower overhead. Also the construction management and administration of this project will be performed in-house by Engineer Stack which for this type of project would cost approximately \$30,000. Expected reduction in cost to the City, comparing this to similar past projects is \$34,000.

The proposed project replaces the oldest sewer in the City - identified as one of the City's highest priorities for the sewer system CIP since 1997. Specifically, the project includes the replacement of the approximately 2,600 feet of existing aged/failing sewer on 1<sup>st</sup> Street. The project also includes the installation of approximately 900 feet of storm drain and other street and utility related improvements along 5<sup>th</sup> Street (b/w Main and Alder) and Alder Street (b/w 5<sup>th</sup> and 6<sup>th</sup>). These latter two locations have street catch basins hooked directly to the sanitary sewer.

**ATTACHMENTS:** "Project Summary"  
"Project Review" Handout (dated 7/16/03, Updated)

**FISCAL IMPACT:**

Berryman and Henigar's design engineering budget is \$148,620, Nelson Geotechnical services budget is \$15,000 and Dowl Engineering surveying services budget is \$24,000, a total of \$187,620. The design phase of the project is financed through an approved PWTF "PreConstruction" loan of \$250,000 at a 2% interest rate over a 5 to 20 year term.

Construction funds for this project were applied for under the Public Works Trust Program in May, 2003. A very favorable ranking was received and it is anticipated that the requested \$1,315,000 will be available to construct this sewer replacement during the summer of 2004.

Loan repayment will be from a combination of monthly utility charges and new connection facility charges.

**RECOMMENDED ACTION:**

Authorize the Mayor to execute a contract for engineering services for the project upon the City Engineer's and City Attorney's approval of final form of Agreement.