

## Meeting Agendas/Info

**CITY COUNCIL  
COMMUNICATION:**

**ITEM \_\_\_\_\_**

**01-446**

**OFFICE OF THE CITY MANAGER  
CITY OF DES MOINES, IOWA**

**AGENDA:**

**SYNOPSIS -**

AUGUST 20, 2001

Supplemental Agreement No. 2 providing for professional engineering services for construction phase services of the Northeast Four Mile Trunk Sanitary Sewer.

**SUBJECT:**

**FISCAL IMPACT -**

SUPPLEMENTAL  
AGREEMENT NO. 2  
WITH SNYDER AND  
ASSOCIATES, INC. -  
NORTHEAST FOUR  
MILE TRUNK  
SANITARY SEWER

Compensation to the consultant will be a total of \$90,000. Funds for this agreement are provided for in the 2000-01/2005-06 Capital Improvements Program (Sanitary Sewer Improvements Page SAE-17, Index Code 377069, Fund EN104, Organization ENG990000, Project/Grant SAE070, Activity ID 01-1999-014).

**TYPE:**

**RECOMMENDATION -**

**RESOLUTION**  
ORDINANCE  
RECEIVE/FILE

**Approval.**

**SUBMITTED BY:**

**BACKGROUND -**

FLOYD BENTZ, P.E.  
CITY ENGINEER

In December 1995, Snyder and Associates completed a study of the sanitary sewer needs of the area around the proposed softball complex along Northeast 46th Street north of Northeast Broadway Avenue. The State of Iowa is requiring that this facility be connected to a sanitary sewer system and will not allow an on-site treatment system. In 1995, the City's Community Development Department evaluated this portion of unincorporated Polk County for possible annexation. In early 1998, a portion of this area was annexed into the City of Des Moines and a proposed schedule of sanitary sewer extension was included in the annexation agreement.

The 1995 study by Snyder and Associates identified three distinct drainage basins that were currently unsewered between Northeast 38th Street and Highway 65/69, north of Aurora Avenue and south of I-35/80. The largest basin in this area includes the softball complex

and the second largest includes the newly annexed area. The third basin is the smallest and has little potential of immediate sewer needs, but should be considered in the sizing of all the downstream sewers. The agreement with Snyder and Associates provides for a Phase 1 scope of services which includes the design of the trunk sanitary sewers in the two larger basins and the description of the right-of-way needs and for a Phase 2 scope of services which includes the acquisition of the required right-of-way.

One of the sewer extensions on the project was originally designed to cross a property in order to extend to the south side of Hubbell Avenue to provide for a future service area. However, the property was divided into three parcels after the original design was completed. In addition, two businesses and parking lots were completed. As a result, the original proposed sewer extension was not feasible. Therefore, a new alignment through this property was selected. The Supplemental Agreement No. 1 included: minimum additional soil borings and summary report; a complete topographical survey along the new alignment, which included a survey of improvements on the properties; redesign of the sewer along the new alignment, generated new construction plans and documents; and completion of approximately four new acquisition plats for the new alignment.

As part of Supplemental Agreement No. 2 for construction phase services, the consultant will perform construction administration, construction testing, materials certification, construction observation, and complete asbuilt information.

The costs of constructing the proposed trunk sanitary sewers will be recovered by collecting sewer connection fees as the properties in the two service areas develop.

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