

Meeting Agendas/Info

CITY COUNCIL
COMMUNICATION:

ITEM _____

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

01-041

SYNOPSIS -

AGENDA:

Supplemental Agreement No. 1 providing for professional engineering services for design and right-of-way services of the Northeast Four Mile Sanitary Trunk Sewer.

JANUARY 22, 2001

SUBJECT:

FISCAL IMPACT -

SUPPLEMENTAL
AGREEMENT NO. 1
WITH SNYDER &
ASSOCIATES, INC. -
NORTHEAST FOUR
MILE SANITARY
TRUNK SEWER

Funds for this agreement are provided for in the 2000-2001/2005-2006 Capital Improvements Program (CIP); Sanitary Sewer Improvements Page SAE-17; Index Code 377069; Fund EN104; Organization ENG990000; Project/Grant SAE070, Activity ID 01-1999-014. Compensation to the consultant will be a total of \$11,450.

TYPE:

RECOMMENDATION -

RESOLUTION
ORDINANCE
RECEIVE/FILE

Approval.

SUBMITTED BY:

FLOYD BENTZ, P.E.
CITY ENGINEER

BACKGROUND -

In December of 1995, Snyder & 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, and a proposed schedule of sanitary sewer extension was included in the annexation agreement.

The 1995 study by Snyder & 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 & Associates provides for a Phase 1 scope of services that 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 that includes the acquisition of the required right-of-way.

One of the sewer extensions must cross a property in order to extend to the south side of Hubbell Avenue to provide for a future service area. Until approximately eight months ago, only an abandoned building existed on the property. However, the property has since been divided into three parcels. In addition, one business and a parking lot have been completed, and one other business is nearing completion with a future parking lot. As a result, the original proposed sewer extension is not feasible. Therefore, a new alignment through this property must be selected. The Supplemental Agreement No. 1 would include a minimum additional soil borings and summary report, complete a topographic survey along the new alignment, provide a survey of improvements on the properties, redesign the sewer along the new alignment, generate new construction plans and documents, and complete approximately four new acquisition plats for the new alignment. This work will be done as soon as weather permits.

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.