



**CITY COUNCIL
COMMUNICATION:**

ITEM _____

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

02-010

SYNOPSIS -

AGENDA:

JANUARY 7, 2002

Supplemental Agreement No 1 with Snyder & Associates, Inc. (Stephen P. Rowe, President, 501 S.W. Oralabor Road, Ankeny, Iowa 50021) for design services for the Easton Boulevard Detention Basin.

SUBJECT:

SUPPLEMENTAL
AGREEMENT NO. 1
WITH SNYDER &
ASSOCIATES, INC.
FOR EASTON
BOULEVARD
DETENTION BASIN

FISCAL IMPACT -

Compensation to the consultant is not to exceed \$14,000. Funds for this agreement are provided for in the 2001-2002/2006-2007 Capital Improvements Program-Storm Sewer Improvements.

RECOMMENDATION -

Approval.

TYPE:

BACKGROUND -

RESOLUTION
ORDINANCE
RECEIVE/FILE

In January of 1997, the City Council approved the 7th Ward Ditch Flood Control Study prepared by Snyder & Associates. This study recommended that the existing wooden box between East University Avenue and Easton Boulevard be replaced and that a stormwater detention basin be constructed south of Easton Boulevard.

SUBMITTED BY:

JEB BREWER, P.E.
ACTING CITY
ENGINEER

During the 7th Ward Ditch Flood Control Study, the residents and neighborhood associations impacted by this watershed provided valuable input and were involved in identifying solutions to the flooding problems. In anticipation of the construction of the detention basin, the property for the basin site was acquired during 1998.

In October of 1999, an agreement with Snyder & Associates was approved by the City Council for the conceptual design and master plan of the detention basin. During the study phase, the residents and neighborhood associations expressed a strong interest in having input into the design of the detention basin. A committee was formed to

provide input on the desired elements and features to be included in the master plan.

The committee included representatives from the ACCENT Neighborhood, Stormwater Utility, Traffic and Transportation Department, Park and Recreation Department, and Community Development Department. The committee met for over a year and developed a master plan for the detention basin that was approved by the City Council on January 22, 2001, by Roll Call No. 01-042.

On September 10, 2001, by Roll Call No. 01-2675, the City Council entered into an agreement with Snyder & Associates, Inc. for final design and right-of-way acquisition for the detention basin. Because of their extensive involvement in the study and planning for this detention basin, Snyder & Associates was selected to perform the final design. A geotechnical investigation of the basin site was included in the final design. The soil borings performed as part of the geotechnical investigation have revealed extensive sand deposits underlying the basin site. The geotechnical subconsultant has recommended that a pump test be conducted to determine the properties of this sand layer.

A pump test was not included in the original scope of services. Therefore, this Supplemental Agreement was negotiated to provide for this test. The pump test will provide information on the recharge and average hydraulic conductivity of the aquifer. Based on the pump test results, an effective system for handling the groundwater contained in the sand layer can be provided.
