

**CITY COUNCIL
COMMUNICATION:**

ITEM _____

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

00-036

SYNOPSIS -

AGENDA:

JANUARY 24, 2000

This Professional Services Agreement with Synder and Associates (501 SW Oralabor Road, Ankeny, Iowa 50021, Dennis Snyder, President) provides conceptual design services for stormwater drainage improvements in the Closes Creek Watershed. The cost of the agreement is \$238,630.

SUBJECT:

PROFESSIONAL
SERVICES
AGREEMENT WITH
SNYDER &
ASSOCIATES, INC.
FOR CLOSES CREEK
NORTHWEST
PHASE 1
STORMWATER
DRAINAGE
IMPROVEMENTS IN
THE CLOSES CREEK
WATERSHED

FISCAL IMPACT -

This agreement is funded by the Stormwater Utility, Index Code 366864.

RECOMMENDATION -

Approval.

TYPE:

**RESOLUTION
ORDINANCE
RECEIVE/FILE**

BACKGROUND -

The Closes Creek watershed, on the northwest side of Des Moines, has experienced numerous flooding events over the past few years as a result of localized rainfall. This watershed was the subject of a study in 1982 which identified the cause of these problems. In order to implement the needed stormwater drainage improvements, the Engineering Department requested proposals from five professional services firms. The City received these proposals and a consultant selection team made up of staff from the Engineering Department and Public Works Department was assembled to evaluate the proposals. The firm of Snyder and Associates, Inc. of Ankeny was selected as the firm which could best provide the services required by the project.

SUBMITTED BY:

FLOYD BENTZ, P.E.
CITY ENGINEER

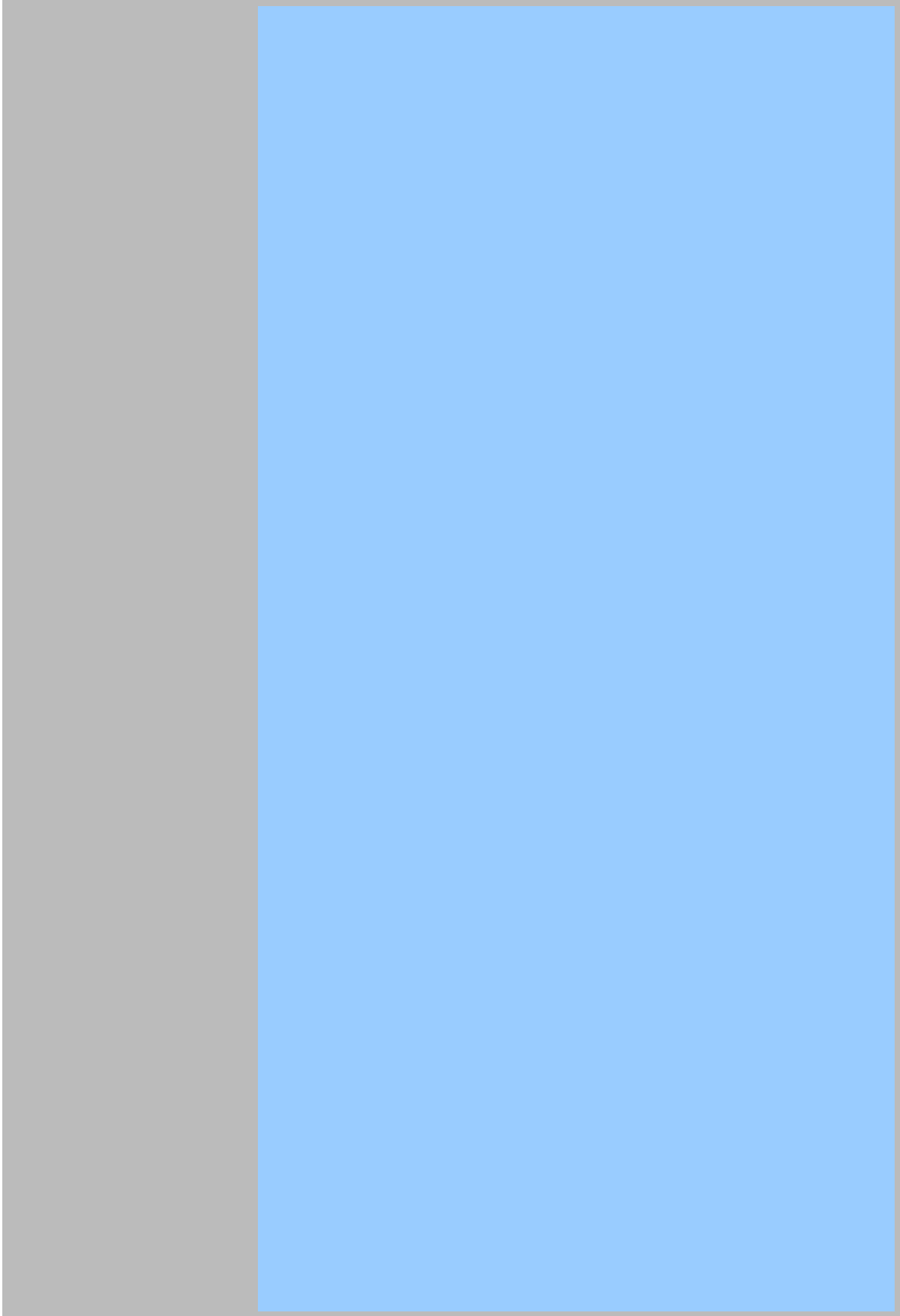
This watershed is one of the largest in Des Moines and therefore has many varied drainage problems. The

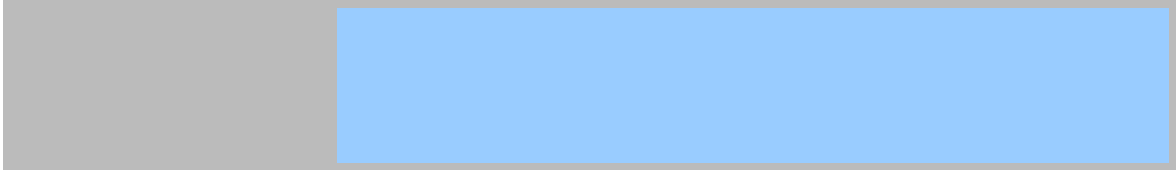
improvements will likewise be widespread and varied. The conceptual design will allow the City to update recommendations to the study, determine a practical economical solution to the drainage problems, and set priorities for implementing the improvements. Preliminary estimates indicate the improvements required could cost between \$15 to \$20 million. This level of funding will require a phased approach over several years to construct the improvements. The conceptual design will establish the priorities for constructing the improvements.

State law currently requires the City to notify property owners of the impact to their property prior to beginning design on any project. This conceptual design will allow the City to define these property impacts and notify property owners prior to design. This will allow the property owners to have input into the project prior to beginning the final project design.

The watershed covers portions of four neighborhoods in Des Moines. These areas include Beaverdale, Waveland Park, Drake, and Kirkwood Glen. A portion of the watershed also covers areas that are not in an organized neighborhood. For this reason, a significant effort will be made to conduct public meetings during the conceptual design process.

It is anticipated this conceptual design will be completed by the end of 2000. The conceptual design report will allow the City to begin the final design and construction of the highest priority improvements as projected in the Capital Improvements Program (CIP).





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