

**CITY COUNCIL
COMMUNICATION:**

02-523

AGENDA:

OCTOBER 7, 2002

SUBJECT:

AMENDMENT NO. 1
TO THE AGREEMENT
FOR DESIGN FOR I-
235 BIRDS RUN
OUTLET STORM
SEWER

TYPE:

RESOLUTION
ORDINANCE
RECEIVE/FILE

SUBMITTED BY:

JEB E. BREWER, P.E.
CITY ENGINEER

WILLIAM G. STOWE
PUBLIC WORKS
DIRECTOR

ITEM _____

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

SYNOPSIS —

Approving Amendment No. 1 to the Agreement with Veenstra & Kimm, Inc., (H. R. Veenstra Jr., President, 3000 Westown Parkway, West Des Moines, Iowa 50266-1320) for design services for the Birds Run Combined Sewer Improvements in an amount not to exceed \$85,372.00 for actual costs, and a Fixed Fee of \$9,095.00 for a total not to exceed \$94,467.00.

FISCAL IMPACT —

Compensation to the consultant is not to exceed \$94,467.00. Funding for these services is included in the Capital Improvements Program, Street Improvements, Page 31, I-235 Storm and Sanitary Sewer Improvements, Index Code 484939, Account 543030, Fund CPO38, Organization ENG990000, Project STR197.

RECOMMENDATION —

Approval of Amendment No. 1 to the Agreement.

BACKGROUND —

On August 31, 2000, by Roll Call 00-3634, the City Council approved a Predesign Agreement (Agreement No. 2001-P-028) with IDOT for Interstate 235 (I-235) from the west city limits to the north city limits. The Predesign Agreement with IDOT identified three storm sewer outlet projects that the City and IDOT are jointly responsible for. The three projects are identified as Birds Run, Deans Lake, and Ingersoll Run Outlet storm sewers.

On September 24, 2001, by Roll Call 01-2847, the City Council approved a Professional Services Agreement with Veenstra & Kimm, Inc. for design and right-of-way acquisition services for the I-235 Birds Run Outlet Storm Sewer.

The City is currently a participant in the Wastewater Reclamation Authority (WRA) Facility Plan Update — Phase 2 project. The WRA Facility Plan Update — Phase 2 project is developing a long-term strategic approach for the City to address its combined sewer system including the combined sewer overflows. The preliminary

findings of the WRA Facility Plan Update — Phase 2 project have indicated the 8th Street and Park Street overflow should be eliminated due to its location and the ability to modify the overflow to comply with the requirements of the Iowa Department of Natural Resources. The WRA Facility Plan Update — Phase 2 project is recommending the construction of a new Birds Run Sewer along the Park Street and Keo Way corridor to supplement the capacity of the existing Birds Run Combined Sewer, and to allow for the abandonment and elimination of the existing combined sewer overflow at 8th and Park. The recommended Birds Run Combined Sewer improvement project follows the alignment of the I-235 Birds Run Outlet Sewer. The concurrent construction of the recommended Birds Run Combined Sewer improvements with the I-235 Birds Run Outlet Storm Sewer will allow for coordination of the projects, and provides a benefit to the I-235 Birds Run Outlet Storm Sewer by eliminating conflicts with south flowing sewers which allow for shallowing of the storm sewer at several locations along Park Street. The recommended Birds Run Combined Sewer improvements involve the design of a new combined sewer from the vicinity of 3rd Street and Watson Powell Way northerly on 3rd Street to Park Street, westerly along Park Street to Keo Way and northwesterly along Keo Way with the northerly terminus to be generally located between 10th and 11 Streets.

This project for elimination of the combined sewer overflow must be constructed concurrently with the storm sewer outlet and included in the same design package. Veenstra & Kimm, Inc., was selected to add this additional work to their current design package as this saves significant design and construction costs as well as reduces impacts to the traveling public through concurrency of work.