



Agenda Item:

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COUNCIL COMMUNICATION City Manager's Office

GENERAL INFORMATION

Agenda Date: 02/07/05
No.: 05-063
Agenda Item Type: Resolution
No.:

Communication

Roll Call

Submitted by: Jeb E. Brewer, P.E., City Engineer
William G. Stowe, Public Works Director

SUBJECT—

Approving and authorizing the execution of Iowa Department of Transportation change order to Keo Way (Birds Run) Phase 1 Storm Sewer Outlet and Qwest Communications License Agreement for Conflict Avoidance Structure.

SYNOPSIS—

City Council approved a Preconstruction Agreement with the Iowa Department of Transportation (IDOT) for Keo Way (Birds Run) Phase 1 Storm Sewer related to I-235. As part of this Preconstruction Agreement, change orders exceeding a City share of \$25,000.00 must be signed by the Des Moines City Council. The change order and the agreement for \$173,362.00 are for construction of a conflict avoidance structure for a Qwest Communications duct bank.

FISCAL IMPACT—

Qwest Communications will compensate the City of Des Moines for 100% of the avoidance structure, in the amount of \$173,362.00.

RECOMMENDATION—

Approval.

BACKGROUND—

On August 31, 2000 by Roll Call No. 00-3634, the City Council approved a Predesign Agreement (Agreement No. 2001-P-028) with IDOT for I-235 from the west city limits to the north city limits. In addition, on January 27, 2003 by Roll Call No. 03-118, the City Council approved a Preconstruction Agreement (Agreement No. 2002-16-180) with IDOT for Keo Way (Birds Run) Phase 1 Storm Sewer Outlet Project. In the preconstruction agreement, the City will perform construction inspection, traffic control inspection, and construction services for this project. The City hired Veenstra and Kimm, Inc. (H.R. Veenstra, Jr., President, 3000 Westown Parkway, West Des Moines, Iowa) to perform design and construction management for this project. The City shall repay the IDOT an estimated 57.6% of the storm sewer cost plus 100% for any enhanced capacity. Also included in the project is construction of sanitary sewer, which will be 100% City cost. This repayment will commence in FY2007-08.

An existing Qwest Communications duct is in conflict with the 5' x 10' reinforced concrete box storm sewer at 7th Street and Park Street. The communication duct has numerous communication cables, and relocating the communication duct would be very difficult and expensive. A concrete conflict avoidance structure has been designed which would allow the communications duct to stay in place. The Qwest Communications duct would be encapsulated in a stainless steel liner in the upper section of the conflict avoidance structure. The conflict avoidance structure will provide an equivalent cross sectional area to the storm sewer pipe to maintain the maximum hydraulic capacity of the storm sewer.

A Qwest Communications agreement to compensate the City for the avoidance structure is included. The change order has been reviewed by Veenstra and Kimm, Inc. and found to be reasonable. The total change order for repayment to IDOT is for \$173,362.00, of which Qwest Communications share is 100%.