

**CITY COUNCIL
COMMUNICATION:**

REVISED

ITEM _____

00-480

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

AGENDA:

OCTOBER 16, 2000

SYNOPSIS -

SUBJECT:

SUPPLEMENTAL
AGREEMENT 17-
CONSULTANT
SERVICES FOR
DESIGN OF GRAND
AVENUE BRIDGE
OVER MARTIN
LUTHER KING, JR.
PARKWAY

Supplemental Agreement No. 17 with Earth Tech, Inc. (Diane Creel, CEO, 100 W Broadway, Suite 5000, Long Beach, CA) provides for Final Design Phase Services on the Grand Avenue Bridge over Martin Luther King, Jr. Parkway. On October 4, 1999, by Roll Call No. 99-3147, the City Council approved Supplemental Agreement No. 16 for preparation of the construction plans for the paving of Martin Luther King, Jr. Parkway and for the type, size, and location drawings for the bridge structures related to the project. The Iowa Department of Transportation (IDOT) requires submittal and approval of type, size, and location drawings on all structures prior to authorizing final design. Supplemental Agreement No. 16 also provided that the design of the bridge structures, in conjunction with the Martin Luther King, Jr. Parkway project, would be provided for by Supplemental Agreement after approval of the type, size, and location drawings by IDOT. This agreement is within the budget established for design of this structure.

TYPE:

**RESOLUTION
ORDINANCE
RECEIVE/FILE**

The City is now ready to proceed with the design of the Grand Avenue structure over Martin Luther King, Jr. Parkway, since IDOT has approved the type, size, and location drawings on that structure. The Grand Avenue Bridge over Martin Luther King, Jr. Parkway is scheduled for construction during the 2001 construction season.

SUBMITTED BY:

FLOYD BENTZ, P.E.
CITY ENGINEER

FISCAL IMPACT -

The funds are available as 80 percent federal funds - 20 percent local match - Martin Luther King, Jr. Parkway - North/South Segment - Account 521020, Fund CP038, Organization ENG990000, Project/Grant STR138. Federal funds amount to \$129,116. Local match funds are \$32,270.

RECOMMENDATION -

Approval.

BACKGROUND -

The type, size, and location drawings on the Grand Avenue Bridge over Martin Luther King, Jr. Parkway have been approved by IDOT and the City is now ready to proceed with the detailed design for that structure. At its September meeting, the Martin Luther King, Jr. Parkway Citizens Committee reviewed the preliminary design and type, size, and location information on the Grand Avenue Bridge over Martin Luther King, Jr. Parkway. They requested additional alternatives on the bridge railings and the bridge lighting. These details will be completed by the Consultant during the final design in coordination with the Martin Luther King, Jr. Parkway Citizens Committee. Coordination with effected parties such as utilities, property owners, and Des Moines School District will be done during the design process as the details of the bridge are developed.

In addition to the detailed coordination on the Grand Avenue Bridge, the impact from the Raccoon River Bridges on Des Moines Waterworks operations will be discussed in some detail during these working groups. Earlier coordination discussions with the Des Moines Waterworks have already occurred on the Grand Avenue bridge and its associated impact on the 16" watermain in Grand. The working groups will take the opportunity to do early design coordination of impacts from the Raccoon River Bridges and approaches on Des Moines Waterworks. Currently, preliminary discussions with Des Moines Waterworks have brought up the importance of a number of issues such as location of vaults and values, feeder mains, and water galleries. Alternatives and design schemes are now being explored that address these concerns and the needs of the roadway design.

Supplemental Agreement No. 17 has been submitted to IDOT for their review and pre-audit evaluation. IDOT has provided a pre-audit evaluation of proposed Supplemental Agreement No. 17. Subsequently, Supplemental Agreement No. 17 has been revised based upon the suggestions of IDOT's review and pre-audit report.

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