

**CITY COUNCIL
COMMUNICATION:**

ITEM _____

02-091

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

AGENDA:

FEBRUARY 18, 2002

SYNOPSIS -

Approving Professional Services Agreement with Shuck Britson, Inc. (Robert A. Britson, President, 2409 Grand Avenue, Des Moines, IA 50312) to provide engineering and construction services for the S.W. 8th and 9th Street viaducts over Martin Luther King, Jr. (MLK) Parkway repairs.

SUBJECT:

PROFESSIONAL
SERVICES
AGREEMENT FOR
BRIDGE REPAIRS -
S.W. 8TH AND 9TH
STREET VIADUCTS
OVER MARTIN
LUTHER KING, JR.
PARKWAY

FISCAL IMPACT -

Funding for these services is included in the 2001-2002 Capital Improvement Program (CIP) budget from Account 543010, Fund CP032, Organization ENG990000, Project BRV033 - S.W. 9th Street Bridge over Raccoon River.

TYPE:

RECOMMENDATION -

Approval.

RESOLUTION
ORDINANCE
RECEIVE/FILE

BACKGROUND -

SUBMITTED BY:

JEB E. BREWER, P.E.
CITY ENGINEER

As follow up action to conditions noted in the annual bridge inspections by the Engineering Department, Shuck-Britson, Inc. was retained by the City of Des Moines to perform an engineering study on two prestressed concrete beams, one each on the S.W. 8th and 9th Street viaducts over MLK Parkway.

Field inspections by Shuck-Britson, Inc. were completed on December 5, 2001. On December 17, 2001, Shuck-Britson, Inc. advised the City Engineer that a 20-ton load embargo should be placed on the S.W. 9th Street viaduct due to the deterioration of one beam over Cherry Street. By Roll Call No. 01-3748 on December 17, 2001, the City Council approved the City Manager's requested change to the maximum load limit on the S.W. 9th Street viaduct over MLK Parkway to 20 tons.

On January 7, 2002, by Roll Call Nos. 02-097 and 02-098, Chapter 114 of the Municipal Code was amended adopting the 20-ton maximum load limit on the S.W. 9th Street viaduct over MLK Parkway.

On January 18, 2002, Shuck-Britson, Inc. submitted an engineering report for the S.W. 8th and 9th Street viaducts outlining the existing conditions and repair costs. At the request of the City Engineer, Shuck-Britson, Inc. submitted proposals for engineering and construction services to make the required repairs on the S.W. 8th and 9th Street viaducts over MLK Parkway as outlined in the report.

Shuck-Britson, Inc. is familiar with these structures, having been the consultant for the 1985 repair and reconstruction of both viaducts, and has recently inspected and developed repair concepts for these structures. Staff recommends the Professional Services Agreement with Shuck-Britson, Inc. for engineering and construction services for repairs on the S.W. 8th and 9th Street viaducts over MLK Parkway be approved.
