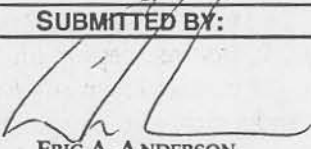


**OFFICE OF THE CITY MANAGER  
DES MOINES, IOWA**

**CITY COUNCIL COMMUNICATION 96-007  
JANUARY 2, 1996 AGENDA**

<b>SUBJECT:</b>	<b>TYPE:</b>	<b>PREPARED BY:</b>	<b>SUBMITTED BY:</b>
SW FIFTH STREET (JACKSON STREET) BRIDGE ACCEPTANCE OF FEDERAL/STATE GRANTS	◆ RESOLUTION ORDINANCE RECEIVE/FILE	JIM GRANT COMMUNITY DEVELOPMENT DIRECTOR	 ERIC A. ANDERSON CITY MANAGER

**SYNOPSIS —**

On December 4, 1995, by Roll Call No. 95-4579, Council approved the acceptance of the Resource Enhancement and Protection Program (REAP) Historical Resource Development Program (HRDP) Grant in the amount of \$12,110 and approved the acceptance of the Iowa Department of Transportation Intermodal Surface Transportation Enhancement Act (ISTEA) grant in the amount of \$100,000 for the SW 5th Street Bridge Project. Council has also received a commitment from the Pioneer-Columbus Neighborhood Association of \$10,000 from their Citizen Services Task Force (CSTF) funds.

On December 20, 1995, the State Historical Society of Iowa notified staff that the City has 20 days (to January 8, 1996) to be under contract with the State for the use of HRDP funds. Staff has submitted a revised scope of work and budget indicating that the HRDP funds would specifically be used for the floor beam flange repairs. According to the contract, the floor beam flange repairs will need to be completed by December 20, 1997.

**FISCAL IMPACT —**

The HRDP, CSTF, and ISTEA grant funds bring the total amount of funds secured to date for the SW 5th Street Bridge Rehabilitation Project for the Priority 1 repairs to \$122,110. This amount of secured funds covers the costs associated with the construction and contingencies of the rehabilitation estimated to be \$116,200. The remaining costs not covered are the costs associated with the engineering. The additional City funds needed for engineering would be drawn from the 1996-97 Capital Improvement Program in the account allocated to the Raccoon River Trail (page 187). IDOT has proposed that the City provide design and inspection services for this project.

**RECOMMENDATION —**

**Approval of the contracts with the State Historical Society of Iowa for HRDP grant funds, and with the Iowa Department of Transportation for ISTEA funds.**

**BACKGROUND —**

The Historic SW 5th Street Bridge Rehabilitation Project will renovate the bridge sufficiently so that it can be used for recreational uses based on the structural study of the bridge by Wiss, Janney, Elstner

Associates, Inc. dated September 1994. This bridge would become a link in the Raccoon River Bike Trail.

Maintenance repairs on the bridge between 1976 and 1989, as outlined in a December 1989, engineering report by Terry A. Shuck Structural Engineers, Inc., included repair of the top flange of several of the truss floor beams, repair and replacement of timber floor boards, and repair of five of the 17 floor beams. The steel casings of the piers were also repaired and pressure grout was injected to fill the cracks and voids of the concrete.

Future operation and maintenance costs as part of a recreational trail have not been fully quantified outside of the Priority 2 repairs which a consultant study outlined as an additional estimated cost of \$214,900 to enhance appearance and long-term performance. There would be no current assurance that a Phase II grant would be available in the future.

The total costs associated with the complete demolition of the SW 5th Street Bridge, as estimated by Shuck Britson, Inc. Consulting Engineers in a May 1992, Structural Evaluation Report, is \$54,000.