

DATE: January 13, 2006

TO: Mayor and City Council Members

FROM: Utilities Department

SUBJECT: **RESOLUTION NO. 7731 - A RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE AMENDMENT NO. 1 TO THE AGREEMENT WITH KIMLEY-HORN AND ASSOCIATES FOR THE 2004/05 SANITARY SEWER REHABILITATION PROJECT -PHASE 1**

**BACKGROUND / ISSUE**

In June 2004 the City submitted a grant application to the United States Environmental Protection Agency (USEPA) for replacement of 3,500 lineal feet (lf) of various sewer lines throughout the City. On September 14, 2004, the City received notification that the grant application was approved. Seven of the City's highest priority project locations were identified for inclusion in this sewer replacement project, as shown in Attachment 3. Through this grant, U.S. EPA would provide \$385,700 in grant funds, and the City provides minimum matching funds in the amount of \$315,573. The City in its planning costs, had budgeted in FY2004/05 \$1,755,000 for renewal and replacement of sewers, which included these projects.

Through a Request for Proposal process, Kimley-Horn and Associates was selected as the best qualified consultant of the three proposals received to perform the Environmental, Engineering, and Construction Management Services for this Project. On December 12, 2004, the City Council authorized the City Manager to execute an agreement with Kimley-Horn and Associates for consulting services associated with this project under Resolution No. 7482.

In the pre-design phase of the project, a detailed analysis and condition assessment of the sewer located adjacent to the proposed improvements was performed. Through this evaluation process it was determined in each of the selected sewers reaches, there were additional segments upstream and downstream of the original project scope that required replacement. Instead of having to come back and disrupt the neighborhoods with a second construction project in a few years, it was determined that it would be better to develop logical rehabilitation segments to minimize impacts to the community, and provide for better constructability. The results of this increased the amount of pipe to be installed by 1,600 lf for the overall project, as indicated in Attachment 3. This increased both the design effort and construction management related costs for the project. Staff evaluated the increase in the construction and design cost, and determined that this increase in effort was within the annual budget for sewer rehabilitation.

**POLICY / RULE**

In accordance with Chapter 2.36 of the Folsom Municipal Code, states, in part, that supplies, equipment, services, and construction with a value of \$41,750 or greater shall be awarded by City Council.

## ANALYSIS

In accordance with the Sanitary Sewer Collection System NPDES permit from the State of California Regional Water Quality Control Board, the City is required to perform condition assessments of all its wastewater collection systems. If it is determined that portions of the system are deficient, the City is required to repair or replace the deficient portion of the system. The assessment performed on the sewers in this project showed that additional segments of the sewer system were beyond their serviceable life and were in need of replacement. Rehabilitation of the sewer segments beyond the original scope of the project is consistent with the requirements of the City's NPDES permit.

To gauge the cost of the additional work required for pre-design analysis, design, environmental, geotechnical, and construction management, the cost of these services were evaluated for the original project scope and the cost for these services needed for additional 1,600 lineal feet (lf) of sewer. The original contract amount for the consulting services for this project was \$218,140 which relates to a per lineal foot cost of \$62.33 for the original 3,500 lf of sewer. The additional cost associated with adding the 1,600 lf of sewer to the project scope is \$95,600. The fees for this additional work, when related to the lineal foot cost for the project is \$59.75 /lf. This additional work allows the City to complete rehabilitation of sewers that needed replacement, and will negate the need for the City to perform any significant sewer repairs to these neighborhoods in the future. The cost of these services does not impact the construction contract for this project, since the bid documents included the additional sewer lines.

## FINANCIAL IMPACT

For projects of this nature, funds have been budgeted in Sewer Operations Fund 530.0000.432.9010. This type of expenditure is budgeted each year for annual sewer improvement projects.

## ENVIRONMENTAL REVIEW

This action is exempt from environmental review under the California Environmental Quality Act (CEQA).

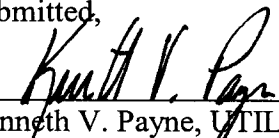
## ATTACHMENT

1. Resolution No. 7731 - A Resolution Authorizing the City Manager to Execute Amendment No. 1 to the Agreement with Kimley-Horn and Associates for the 2004/05 Sanitary Sewer Rehabilitation Project - Phase 1
2. Resolution No. 7482
3. Project Location Map

## RECOMMENDATION/ CITY COUNCIL ACTION

The Utilities Department recommends that the City Council pass and adopt Resolution No. 7731 - A Resolution Authorizing the City Manager to Execute Amendment No. 1 to the Agreement with Kimley-Horn and Associates for the 2004/05 Sanitary Sewer Rehabilitation Project -Phase 1.

Submitted,

  
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Kenneth V. Payne, UTILITIES DIRECTOR

# Attachment 1

**RESOLUTION NO. 7731**

**A RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE AMENDMENT NO. 1 TO THE AGREEMENT WITH KIMLEY-HORN AND ASSOCIATES FOR THE 2004/05 SANITARY SEWER REHABILITATION PROJECT –PHASE 1**

**WHEREAS**, the City is currently implementing its Sanitary Sewer Management Plan (SSMP) which consists of condition assessment, as well as operational and system improvements; and,

**WHEREAS**, the City is continuing to comply with Regional Water Quality Control Board (RWQCB) requirements; and,

**WHEREAS**, the City of Folsom has identified this project as a priority to maintain integrity and operation of the sanitary sewer collection system; and,

**WHEREAS**, the City of Folsom has authorized the City Manager to execute an agreement with the United States Environmental Protection Agency for grant funds in the amount of \$385,000 for sewer collection system rehabilitation; and,

**WHEREAS**, Kimley-Horn and Associates, Inc. by reason of their past experience and abilities for performing these types of services, are qualified and staff recommends they perform the required consulting services; and,

**WHEREAS**, the City has requested additional services beyond the original scope of work; and,

**WHEREAS**, Kimley-Horn and Associates, Inc. has agreed to perform this additional consulting service beyond the original scope of work for this project; and,

**WHEREAS**, funds have been budgeted in the Sewer Operation Fund (530); and,

**WHEREAS**, the agreement will be in a form acceptable to the City Attorney:

**NOW, THEREFORE, BE IT RESOLVED** that the City Council of the City of Folsom authorizes the City Manager to execute Amendment No. 1 to the agreement with Kimley-Horn and Associates, Inc. for additional consulting services for the 04-05 Sanitary Sewer Rehabilitation Project –Phase 1 not-to-exceed fee of \$95,600.

**PASSED AND ADOPTED** on this 24<sup>th</sup> day of January 2006 by the following roll-call vote:

AYES: Council Member(s)

NOES: Council Member(s)

ABSENT: Council Member(s)

ABSTAIN: Council Member(s)

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Andrew J. Morin, MAYOR

ATTEST:

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Christa Schmidt, CITY CLERK

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**000004**

# Attachment 2

**RESOLUTION NO. 7482**

**A RESOLUTION AUTHORIZING THE CITY MANAGER  
TO EXECUTE AN AGREEMENT WITH KIMLEY -HORN AND ASSOCIATES, INC. FOR  
CONSULTING SERVICES FOR THE PHASE 1 HISTORIC DISTRICT UTILITIES  
REHABILITATION PROJECT**

**WHEREAS**, the City is currently implementing its Sanitary Sewer Management Plan (SSMP) which consists of condition assessment, as well as operational and system improvements; and,

**WHEREAS**, the City is continuing to comply with Regional Water Quality Control Board (RWQCB) requirements; and,

**WHEREAS**, the City of Folsom has identified this project as a priority to maintain integrity and operation of the sanitary sewer collection system; and,

**WHEREAS**, the City of Folsom has authorized the City Manager to execute an agreement with the United States Environmental Protection Agency for grant funds in the amount of \$385,700 for sewer collection system rehabilitation; and,

**WHEREAS**, Kimley-Horn and Associates, Inc. by reason of their past experience and abilities for performing these types of services, are qualified and staff recommends they perform the required consulting services; and,

**WHEREAS**, funds have been budgeted in the RDA Fund (431.0000.431.9010), Sewer Operating Fund (530.0000.432.9010), and Sewer Capital Fund (531.0000.432.9010); and,

**WHEREAS**, the agreement will be in a form acceptable to the City Attorney:

**NOW, THEREFORE, BE IT RESOLVED** that the City Council of the City of Folsom authorizes the City Manager to execute an agreement with Kimley-Horn and Associates for Consulting Services for the Phase 1 Historic District Utilities Rehabilitation Project for a not-to-exceed fee of \$218,140.00.


**PASSED AND ADOPTED** on this 14<sup>th</sup> day of December 2004, by the following roll-call vote:

**AYES:** Council Member(s): Howell, King, Starsky, Morin, Miklos

**NOES:** Council Member(s): None

**ABSENT:** Council Member(s): None

**ABSTAIN:** Council Member(s): None

  
\_\_\_\_\_  
Stephen E. Miklos, MAYOR

ATTEST:

  
\_\_\_\_\_  
Christa Schmidt, CITY CLERK

# Attachment 3

# City of Folsom Infrastructure Rehabilitation Program '04 - '05 Sanitary Sewer Rehabilitation Project

