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DEPARTMENT OF  
PUBLIC WORKS

CITY OF SACRAMENTO  
CALIFORNIA

1391-35TH AVENUE  
SACRAMENTO, CA  
95822-2911

DIVISION OF  
FLOOD CONTROL AND SEWERS

916-449-5271

September 13, 1988

Budget and Finance Committee  
Sacramento, California

Honorable Members in Session:

SUBJECT: Preliminary Structural Modification Design for Sump  
132D's Forebay - Fund Transfer

**SUMMARY**

This report recommends that the Committee approve the attached resolution authorizing a transfer of funds in order to finance a Consultant Services Agreement in the amount of \$10,000 with David A. Crane and Associates for the preliminary structural modification design for Sump 132D's forebay.

**BACKGROUND**

Sump 132D, a storm water pumping station located on Pocket Road north of Garcia Bend Park, has demonstrated, through a physical modeling study by Hydro Research Science, that the forebay structure of the pumping plant does not have sufficient width to provide an adequate flow of water to the pumps for the operation of multiple pumps at low water levels. As a result, the pump station cannot perform as originally designed, which is to give flood protection against a storm similar to the April 1935 event. Subsequently the City needs to investigate the feasible structural modifications to the existing structure which will allow the pump station to operate as it was originally designed. The design of the modifications will be sent to Hydro Research Science for testing and study.

The preliminary structural design to modify Sump 132D's forebay is necessary because the building housing the sump controls and pumps rests on top of the forebay structure. The design work will determine the limitations and economics of the structural modifications which do not require extensive work or modification to the building structure. Hydro Research Science will study the structural modifications and will design the necessary flow augmenting devices within the parameters of these limitations.

The City intends to enter into a Consultant Services Agreement with David A. Crane and Associates for preliminary design services for the modification of Sump 132D's forebay structure. This agreement will be for consulting fees not to exceed \$10,000. It is anticipated that the structural modifications will sufficiently increase the water inflow to the pumps to allow the pump station to operate as originally designed.

#### FINANCIAL

The cost to the City incurred by this Consultant Services Agreement is not to exceed \$10,000. Funding is available from the Pocket Area Assessment District Maintenance Fund (Fund #240). This fund (2-40-710-7012-4999) as of August 29, 1988 had a balance of \$999,000. It is necessary to transfer \$10,000 from this fund to the Flood Control and Sewer Division operating budget (425-310-3165-4252) in order to pay the consultants.

#### RECOMMENDATION

It is recommended that the Budget and Finance Committee recommend the approval of the transfer of funds and forward the attached Resolution to the full City Council for adoption.

Respectfully submitted,

*for*  
*Melvin H. Johnson*  
Donald M. Dodge  
Deputy Director of Public Works

Recommendation Approved:

Approved:

*Jack R. Crist*  
Jack R. Crist  
Deputy City Manager

*Melvin H. Johnson*  
Melvin H. Johnson  
Director of Public Works

September 13, 1988  
District No. 8

# RESOLUTION NO.

ADOPTED BY THE SACRAMENTO CITY COUNCIL ON DATE OF

## RESOLUTION AUTHORIZING THE TRANSFER OF FUNDS FOR THE DESIGN OF SUMP 132D'S FOREBAY

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SACRAMENTO THAT:

1. The Flood Control and Sewer Division budget be amended by appropriating \$10,000 to 425-310-3165-4252 to cover the cost of the Sump 132D Forebay Preliminary Design.
2. The Drainage Fund (425) will be reimbursed for the cost of the design by the Pocket Area Assessment District Maintenance Fund (Fund 240) in an amount of \$10,000. (240-710-7012-4999 (\$10,000), 240-310-3165-4374 \$10,000, 425-310-3165-4374 (\$10,000)).

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MAYOR

ATTEST:

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CITY CLERK