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DEPARTMENT OF  
PUBLIC WORKS

DIVISION OF  
FLOOD CONTROL AND SEWERS

CITY OF SACRAMENTO  
CALIFORNIA

1391-35TH AVENUE  
SACRAMENTO, CA  
95822-2911

916-449-5271

November 8, 1989  
89176:CC

Budget and Finance Committee  
Sacramento, California

Honorable Members in Session:

**SUBJECT:      REQUEST FOR ADDITIONAL PERSONNEL IN THE FLOOD CONTROL  
                  AND SEWERS DIVISION**

### **SUMMARY**

This report recommends the addition of one full-time Senior Engineer and one full-time Assistant Civil Engineer to the Flood Control and Sewers Division in order to meet expanded commitments in planning, development, and coordinating major needed sewer and drainage projects.

### **BACKGROUND**

#### **Existing Staffing**

The Flood Control and Sewers Division Engineering Section staff currently include:

- 1 Supervising Engineer
- 1 Senior Engineer
- 3 Associate Engineers (Civil, Electrical, and Mechanical)
- 2 Assistant Engineers
- 1 Junior Engineer
- 3 Engineering Technicians
- 2 Drafting Technicians

The Supervising Engineer has been on loan since March 1989 to the regional Office of Flood

Control Planning, and will remain on loan for the foreseeable future. As a result, the Senior Engineer and one Associate Engineer are performing out-of-class management duties.

#### Existing Workload

Duties of the Engineering Section include:

- o technical support of the customer services section,
- o processing of floodplain map revisions and amendments and response to floodplain management inquiries,
- o review, input, and response to flood control, drainage, and sewer impacts of development proposals and to project environmental impact reports,
- o direction of planning and environmental studies for major drainage and sewerage projects,
- o maintenance of City maps and other base maps,
- o definition, technical review, and administration of a \$6.5 million/year Capital Improvement Program for drainage flood control and sewer facilities,
- o design and construction management of emergency local flood protection projects,
- o monitoring of and compliance with water quality permitting requirements, and
- o technical and staff support of the regional flood control efforts.

Over the next 6 months, the Section will accomplish the transfer of increasing floodplain management responsibilities to the Development Services, including specialized training of that unit's engineering and technical staff.

Two of the existing engineer positions were created under the Fiscal Year 1989-90 budget and have been recently filled. Those staff will support high-priority operation and maintenance activities and will help manage Capital Improvement Program projects. The current level of staffing addresses one of the Division's most urgent needs: to define and implement the most cost-effective solutions when expending CIP monies on routine maintenance and replacement projects. However, additional mid-year positions are needed if the Section is to provide effective near and long-term planning and obtain maximum benefit from limited City capital improvement funding. Beginning November 1, the Engineering Division is loaning one Assistant Engineer to Flood Control and Sewers Division for several months to help meet the most pressing needs.

### Need for Additional Staff

A second Senior Engineer is needed immediately to fill the existing void in management-level staffing. In combination with existing staff resources, the requested additional Senior Engineer and Assistant Engineer positions would permit the Division to adequately accomplish the following assignments:

- A) Continue planning of drainage and sewer services for several major pending development-and redevelopment-related projects, including:
  - o the North Natomas drainage system
  - o Richards Boulevard/Southern Pacific Railroad Yard Redevelopment
  - o Centrage project
  - o stormwater detention as a shared use of the Granite Park site
  - o West Natomas assessment district
  - o possible management of in-place Laguna Creek assessment district environmental mitigation measures
  
- B) Plan and obtain additional private/local/state/federal cost-sharing for major non-federal flood control projects (Morrison, Unionhouse, Florin, Strawberry, and Magpie Creek projects, for example), providing flood protection inside the major levees which is equivalent to and on the same timeline as the regional projects.
  
- C) Evaluate the structural integrity and adequacy of the present interior, secondary levee and floodgate system (e.g. railroad grade levees, Beach Lake levees), and modify emergency response plans to mitigate interim risk of flooding from American and Sacramento River levee failure.
  
- D) Continue planning for long-term rehabilitation and betterment of the Combined Sewer System which serves the City core area, with an emphasis on identifying improvement alternatives (near-surface tunnels, for example) which are cost-effective, cause minimum disruption of utilities and traffic, and provide maximum flexibility for complying with stiffening stormwater discharge regulations, and
  
- E) Meet the City's share of the (as yet undetermined) support needs of the Sacramento Area Flood Control Agency.

There is also an immediate need to review and attempt to influence EPA and State water quality standards and initiatives. There is need to start now in developing a cost-effective strategy for meeting new water quality permit requirements and standards, which could have very significant impacts upon all types of existing and future development in the Sacramento area. Present Engineering Section staff, supplemented by consultant forces, can meet immediate needs to monitor and comply with State and Federal stormwater quality requirements. When EPA issues the expected stringent new regulations for water quality protection and policing in August 1990, the resulting workload might require 1 to 3 full-time staff. Some or all of this additional long-term workload would be met by the staff requested in this report, and by the return of the Supervising Engineer.

**FINANCIAL**

The proposed staff additions will require an increase in employee services, equipment, and supplies costs for the 1989-90 Flood Control and Sewers Division Administration operating budget. The positions are projected to be in effect January 1, 1990. The estimated costs for the second half of the fiscal year would be as follows:

<u>Position</u>	<u>Salary and Fringe Benefits</u>	<u>Equipment</u>	<u>Supplies</u>	<u>Total</u>
Senior Engineer	\$31,382	\$2,860	\$1,629	\$35,871
Assistant Engineer	\$23,603	\$2,775	\$1,629	\$28,007
Totals:	\$54,985	\$5,635	\$3,258	\$63,878

The total represents an increase of 0.37% in the Division's operating budget. It is proposed that funds for these positions be transferred from the Drainage Fund Contingency Reserve (425-710-7012-4999), which has a balance of \$902,866 as of October 27, 1989.

**POLICY CONSIDERATIONS**

There are no policy consideration associated with this report.

**MBE/WBE EFFORTS**

No impact.

**RECOMMENDATION**

It is recommended that the Budget and Finance Committee forward with a recommendation for approval to the City Council the attached resolution to add 2.0 FTE to the budget of the Flood Control and Sewers Division.

Respectfully submitted,

*Albert E. McCollam, Jr.*  
Albert E. McCollam, Jr.  
Division Manger

Recommendation approved:

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

Approved:

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

Contact Person:  
Craig Crouch, Senior Engineer  
449-8559

All Districts

11/2/89

# RESOLUTION NO.

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF \_\_\_\_\_

## RESOLUTION AMENDING THE OPERATING BUDGET OF THE FLOOD CONTROL AND SEWERS DIVISION ADDING TWO POSITIONS AND TRANSFERRING FUNDS

Be it resolved by the Council of the City of Sacramento that:

1. The following positions are added to the Flood Control and Sewers Division:

Flood Control and Sewers Administration (Organization 3161)

<u>Code</u>	<u>Employee Classification Title</u>	<u>FTE</u>
01255	Senior Engineer	1.0
11011	Assistant Civil Engineer	1.0

2. Funds in the amount \$63,878 are transferred from the Drainage Fund Contingency Reserve (425-710-7012-4999) to the Flood Control and Sewers Division operating budget.

425-310-3161-4101	\$54,985
425-310-3161-4202	100
425-310-3161-4411	100
425-310-3161-4461	1,930
425-310-3161-4462	1,128
425-310-3161-4630	5,635
TOTAL:	\$63,878

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
CITY CLERK

FOR CITY CLERK USE ONLY

RESOLUTION NO.: \_\_\_\_\_

DATE ADOPTED: \_\_\_\_\_