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DEPARTMENT OF  
PUBLIC WORKS

CITY OF SACRAMENTO  
CALIFORNIA

927 TENTH STREET  
ROOM 200  
SACRAMENTO, CA  
95814-2705

ENGINEERING DIVISION

November 13, 1990

916-449-8220  
FAX 916-449-8678

Budget and Finance Committee  
Sacramento, California

CONSTRUCTION SECTION  
640 BERCLY DRIVE  
SUITE B  
SACRAMENTO, CA  
95814-0151

Honorable Members In Session:

916-449-5282

**SUBJECT:** Sewer Main Rehabilitation Between Brockway Court and  
College Avenue from Freeport Boulevard to Freeport  
Boulevard (PN:XD46) - Appropriation of Funds

SUMMARY

Plans and specifications have been prepared for this project. Additional funds are needed for construction. It is recommended that funds be transferred to this project.

BACKGROUND

The combination sewer line is in need of rehabilitation. The existing sewer runs through the backyards of residences on Brockway Court (See attached map). The existing vitrified clay pipe is in poor condition with pieces missing, cracks in the pipe walls and root intrusions. There is exfiltration of raw sewage along the length of the pipe.

Alternatives for accomplishing the sewer rehabilitation have been reviewed and evaluated. The alternatives are (1) removal and replacement of existing sewer; or (2) lining the existing sewer pipe in place (Insituform lining). Evaluation of the alternatives included consideration of estimated construction costs, public convenience and disruption, as well as the impact of each alternative on existing, mature landscaping located directly above the existing sewer line. A preliminary project cost estimate for removal and replacement of the existing sewer was approximately \$214,000, whereas the project cost estimate for Insituform is approximately \$129,000.

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Insituform is the least disruptive method because placement of the lining does not require any open excavations, and access to the sewer is provided through existing maintenance holes. Also, once mobilized, the Insituform process can be performed very quickly; it is estimated that the lining on this project can be completed in two or three days.

Based on these considerations, Insituform was determined to be the most appropriate and cost effective alternative for this project. However, Insituform lining is a proprietary process of Gelco Insituform, Inc., and will require award of a sole source contract.

A Categorical Exemption was filed with the County Clerk of the County of Sacramento on September 24, 1990. The engineer's estimated construction cost is \$94,625.

#### FINANCIAL DATA

There are insufficient funds for this project. The estimated construction cost for this project is \$94,625. The estimated total project cost, including all planning, design and construction costs, is \$129,000. The current budget is \$90,000, which was approved in the Capitol Improvement Program from Sewer Funds (Fund 414). The Sewer Main Rehabilitation Project between 5th Street and 7th Street and between N Street and P Street (PN:XD06) has been completed and has a surplus of \$52,000 in Drainage Funds (Fund 425). It is proposed that (425) from the 5th, 7th, N and P Streets project be closed and that the remaining \$52,000 be defunded to the Drainage Contingency Reserve Fund and that \$39,000 be appropriated from the Drainage Contingency Reserve Fund to the Brockway Court Sewer Rehabilitation project. The Drainage Contingency Reserve had a balance of \$150,000 as of September 30, 1990.

#### POLICY CONSIDERATIONS

This appropriation of funds is in accordance with existing policy.

#### MBE/WBE EFFORTS

The proposed Contractor is not certified as an MBE/WBE contractor.

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RECOMMENDATION

It is recommended that the Budget and Finance Committee approve the appropriation of Funds and forward the report to the full City Council for adoption of the attached resolution.

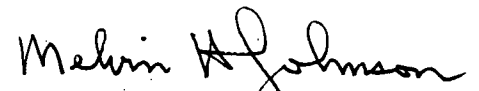
Respectfully Submitted,

  
THOMAS M. FINLEY  
Engineering Division Manager

Recommendation Approved:

  
JACK R. CRIST  
Deputy City Manager

Approved:

  
MELVIN H. JOHNSON  
Director of Public Works

November 13, 1990  
District No. 4

CONTACT PERSON

N. Dee Lewis, Supervising Engineer  
449-8230

DD:dkd  
ED4-18.J  
10:2990

Attachment



PROJECT  
LOCATION

BETWEEN BROCKWAY COURT & COLLEGE AVENUE  
FROM FREEPORT BOULEVARD TO FREEPORT BOULEVARD

PN:XD46



Gelco Services  
Gelco Construction  
Gelco Supply

September 28, 1990

Ms. Diane Decicio  
Assistant Engineer  
927 Tenth Street  
Room 300  
Sacramento, CA 95814-2765

RE: GELCO JOB # 808 - BROCKWAY COURT

Dear Diane:

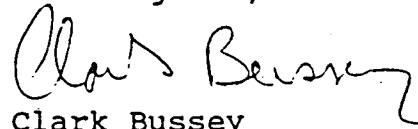
As always, it was a pleasure speaking with you today. I really do appreciate your input on how our jobs are handled from start to finish and I trust you will continue to help me in this regard.

Enclosed is our revised itemized estimate for your records. Please don't hesitate to call should you have any questions.

Item	Description	Qty	Unit Price	Extension
1.	Pre-construction video	1.00 LS	500.00	500.00
2.	Mobilization	1.00 LS	2,000.00	2,000.00
3.	8" X 6MM Insituform	1,100.00 LF	62.00	68,200.00
4.	Reinstate laterals	32.00 EA	650.00	20,800.00
5.	Rehab MH Strong system	4.00 EA	781.25	3,125.00
Bid Total:				94,625.00

I will look forward to meeting with you on October 9.

Best regards,

  
Clark Bussey  
Technical Representative

CB/jb

# RESOLUTION NO.

ADOPTED BY THE SACRAMENTO CITY COUNCIL

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

RESOLUTION SUSPENDING COMPETITIVE BIDDING, APPROPRIATING FUNDS, AND AUTHORIZING EXECUTION OF A CONTRACT FOR SEWER MAIN REHABILITATION BETWEEN BROCKWAY COURT AND COLLEGE AVENUE FROM FREEPORT BOULEVARD TO FREEPORT BOULEVARD (PN:XD46)

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

1. Competitive bidding procedures for the Sewer Main Rehabilitation project, between Brockway Court and College Avenue from Freeport Boulevard to Freeport Boulevard, are hereby suspended.
2. The Capital Improvement Program is hereby amended by closing the Sewer Main Rehabilitation Project between 5th Street and 7th Street and N Street and P Street (PN: XD06) and defunding \$52,000 in drainage funds to the Drainage Contingency Reserve.
3. The Capital Improvement Program is further amended by appropriating \$39,000 from the Drainage Contingency Reserve to the Brockway Court Sewer Main Rehabilitation Project (PN:XD46) as follows:

<u>FROM</u>	<u>TO</u>	<u>AMOUNT</u>
425-710-7012-4999	425-500-XD46-4820	\$39,000

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FOR CITY CLERK USE ONLY

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

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

4. The City Manager and City Clerk are hereby authorized and directed to negotiate and execute a contract for the project described in Paragraph 1 above, with Gelco Insituform, Inc. in an amount not to exceed \$94,625.

\_\_\_\_\_  
MAYOR

ATTEST:

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

DD:dt:dkd  
ED4-18.J  
11:0890

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

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