



CITY OF HAYWARD
AGENDA REPORT

AGENDA DATE 05/09/00
AGENDA ITEM 2
WORK SESSION ITEM _____

TO: Mayor and City Council
FROM: Director of Public Works
SUBJECT: Decoto Booster Pump Station Refurbish and Upgrade – Authorization for Increase in Additional Professional Services

RECOMMENDATION:

It is recommended that the City Council approve the attached resolution authorizing an increase in additional services in the agreement with Carollo Engineers of Walnut Creek by an amount not to exceed \$35,000.

BACKGROUND:

On October 7, 1997, the City Council authorized execution of an agreement with Carollo Engineers for professional design services to prepare plans, specifications and construction cost estimates for refurbishing the Decoto Booster Water Pump Station and replacing pumps to improve water flow delivery capability. On March 2, 1999, the City Council approved the plans and specifications and called for bids. The City Council awarded the construction contract on May 11, 1999. The original design contract was for \$180,000. Since 1997 additional services beyond the original scope were needed for (1) supplemental computer modeling during early stages of the design work, (2) seismic analysis and design, (3) analysis to determine pipeline safety upon power outage, (4) modification of original designs to delete standby generator facilities, and (5) design of architectural enhancements. These items plus required construction administrative expenses have used up the budgeted amount for additional services.

Two unforeseen conditions at the pump station have come to light during construction that will require additional design services. A void under the concrete pump slab and under over 50% of the floor has been discovered. The unsupported portion of the floor and pump slab has been removed and will be replaced with reinforced concrete that will require structural design. Piping and valves used to shunt water to the pump station from the 24-inch Aqueduct are housed in an underground vault located in Caltrans right-of-way. The top of the vault cannot be removed to place valves and piping components as a 6-inch PG&E gas main was discovered to pass over the vault top. The solution is to enlarge the vault manway that is located in the southbound merge lane which will require additional structural design work. In order to complete these design revisions, staff recommends an increase in additional services of \$35,000, or a total contract not to exceed cost of \$215,000.

Project Costs:

Current estimates are as follows:

Construction	\$936,854
Consultant design (including this increase)	215,000
Design administration	60,000
Inspection services	65,000
City forces	<u>20,000</u>
Total	\$1,296,854

Funding:

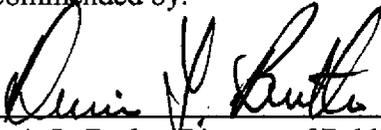
The approved 1999/2000 Capital Improvement Program contains a total of \$1,460,000 for this project in the Water System Replacement and Water Capital Improvement Funds.

Prepared by:



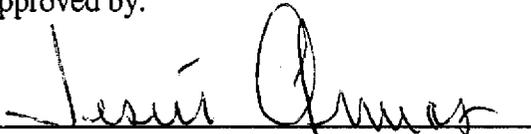
Alex Ameri, Deputy Director of Public Works/Utilities

Recommended by:



Dennis L. Butler, Director of Public Works

Approved by:



Jesús Armas, City Manager

Attachment: Exhibit A – Project Location Map

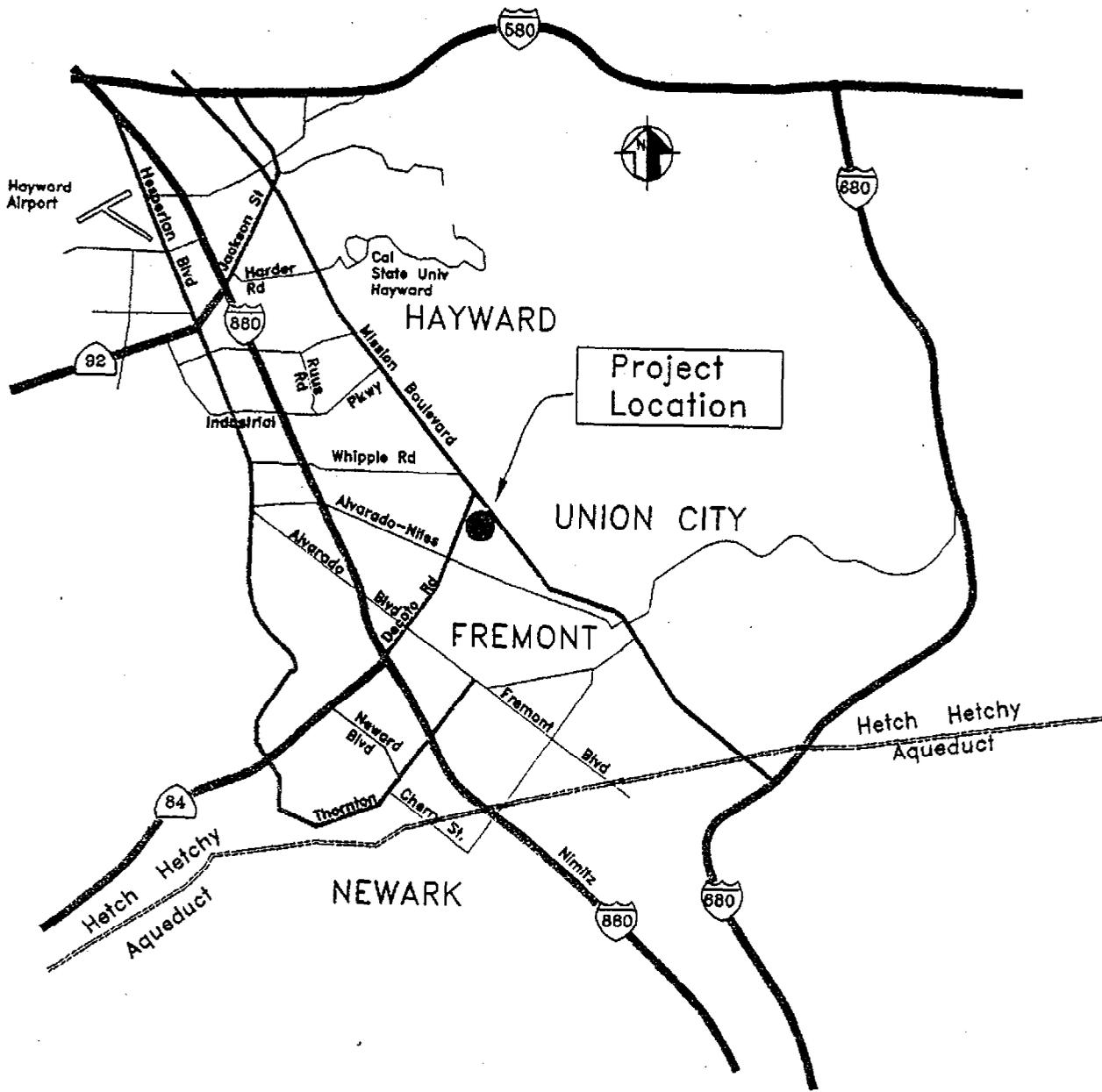


EXHIBIT A
PROJECT LOCATION MAP

DRAFT

NH
5/2/00

HAYWARD CITY COUNCIL

RESOLUTION NO. _____

Introduced by Council Member _____

**RESOLUTION AUTHORIZING AN INCREASE IN
ADDITIONAL SERVICES IN THE AGREEMENT WITH
CAROLLO ENGINEERS FOR THE DECOTO BOOSTER
PUMP STATION REFURBISH AND UPGRADE
PROJECT, PROJECT NO. 7151**

BE IT RESOLVED that the City Council of the City of Hayward hereby approves an increase in additional services in the agreement with Carollo Engineers for the Decoto Booster Pump Station Refurbish and Upgrade Project, Project No. 7151 in an amount not to exceed \$35,000 in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2000

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST: _____

City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward