



**CITY OF HAYWARD**  
**AGENDA REPORT**

AGENDA DATE 06/25/02

AGENDA ITEM 2

WORK SESSION ITEM \_\_\_\_\_

**TO:** Mayor and City Council

**FROM:** Director of Public Works

**SUBJECT:** North Walpert Reservoir Intertie and Seismic Upgrade: Approval of Plans and Specifications and Call for Bids

**RECOMMENDATION:**

It is recommended that the City Council adopt the attached resolution, which approves the plans and specifications pertaining to the North Walpert Reservoir Intertie and the Seismic Upgrade, and call for bids to be received on August 6, 2002.

**BACKGROUND:**

In the past few years, considerable improvements have been made at the Walpert Reservoir site. Because of the large size and importance of the South Walpert Reservoir, a large pump station was constructed on the site, along with an 18-inch transmission line to connect this reservoir to the Highland 500 Reservoir on Campus Drive. This project improved the City's ability to deliver reliable water service to the Hayward hills. The pump station and transmission line project was followed by a two-month effort to remove existing paint from the South Walpert Reservoir and repaint the interior and exterior of the structure. This project had to be scheduled after the pump station construction. It also had to be completed in the spring season to ensure that excessive winter rains would not delay the recoating, but before the summer season when the reservoir must remain in service. The project is now complete and the South Walpert Reservoir is back in service.

This project will complete all of the necessary work at the Walpert Reservoir site by connecting the North Walpert Reservoir to the Walpert Booster Pump Station and implementing needed seismic improvements to the North Walpert Reservoir. The pump station is designed to pump water from the 5.3 million gallon South Walpert Reservoir to the Highland 500 Reservoir. During construction of the station, provision was made to connect the North Walpert Reservoir to the booster pumps, as well. What remains to be done is the actual connection to the reservoir. Completing this connection will allow the Walpert Booster Pumps to draw water from either the North or the South reservoirs or both, providing an additional water source that can be fed into the Highland Reservoir Chain during an emergency. This project will also convert the North Walpert Reservoir to a flow-through storage tank, thus allowing quicker turnover of water, which would result in improved water quality.

Dames and Moore, a consulting engineer firm, in its 1995 seismic evaluation of Hayward's utility infrastructure, recommended the seismic work. The Dames and Moore evaluation indicated a need for further seismic evaluation, as well as design and implementation of specific roof and room-column connections at the North Reservoir. The North Reservoir could not have been taken out of service at the same time that the other projects were being completed because the service area cannot be without both the South and North Walpert Reservoirs for any length of time. However, combining the recommended seismic improvements with the connection of the reservoir to the pump station will enable the work to be completed efficiently, since the North Walpert Reservoir will only have to be taken out of service one time.

In advance of the construction of this project, the City will also install comprehensive frontage improvements, landscaping, tree planting, and new fencing at this site along Walpert Street. The project is being done separately and in advance of the North Walpert Reservoir project since the fencing is needed now to improve security, and to save money since the landscaping work is a specialty undertaking that would have to be subcontracted by a general contractor if included in this project. The completion of all of the aforementioned projects should result in up-to-date, more secure, and attractive facilities.

The connection and seismic work is categorically exempt from environmental review under the California Environmental Quality Act (CEQA). The Public Resources Code states that CEQA does not apply to existing facilities of publicly owned utilities used to provide public utility services, involving maintenance, repair, or minor alteration.

Staff has established a combined goal of 5 percent for Disadvantaged Business Enterprise (DBE) and Women Owned Business Enterprise (WBE) participation for this project. The combined goal is limited due to lack of available subcontracting opportunities.

**PROJECT COST:**

The estimated costs of the project are as follows:

Design and administration	\$100,000
Construction	440,000
Construction administration and Inspection	35,000
Total	<u>\$575,000</u>

**FUNDING:**

The 2002-03 Capital Improvement Program includes \$575,000 in the Water System Capital Improvement Fund for this work.

**SCHEDULE:**

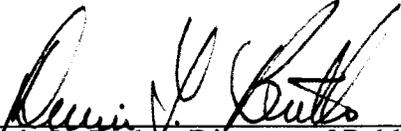
Advertise for bids	June 25, 2002
Open bids	August 6, 2002
Award construction contract	September 10, 2002
Complete construction	March 31, 2003

Prepared by:



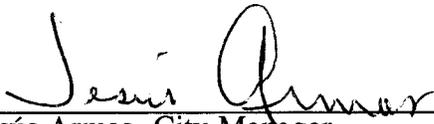
Alex Ameri, Deputy Director of Public Works

Recommended by:



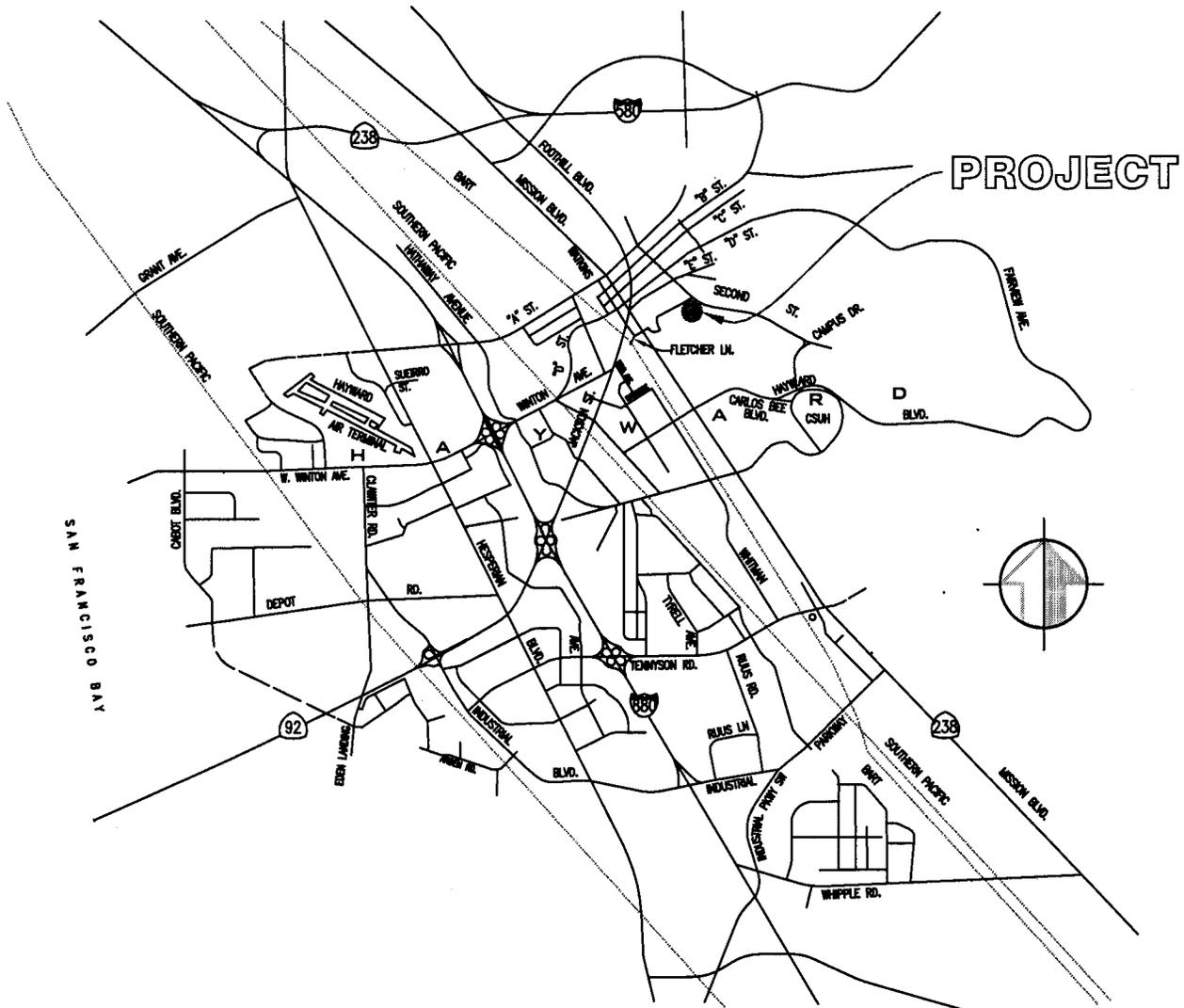
Dennis L. Butler, Director of Public Works

Approved by:



Jesús Armas, City Manager

Attachments: Exhibit A: Project Location Map



PROJECT

EXHIBIT A  
PROJECT LOCATION MAP

**DRAFT**

HAYWARD CITY COUNCIL

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

Introduced by Council Member \_\_\_\_\_

**RESOLUTION APPROVING PLANS AND  
SPECIFICATIONS FOR THE NORTH WALPERT  
RESERVOIR INTERTIE AND SEISMIC UPGRADE,  
PROJECT NOS. 7149 AND 7150 AND CALL FOR BIDS**

**BE IT RESOLVED** by the City Council of the City of Hayward as follows:

1. That those certain plans and specifications for the North Walpert Reservoir Intertie and Seismic Upgrade Project, Project Nos. 7149 and 7150, on file in the office of the City Clerk, are hereby adopted as the plans and specifications for the project;
2. That the City Clerk is hereby directed to cause a notice calling for bids for the required work and material to be made in the form and manner provided by law;
3. That sealed bids therefor will be received by the City Clerk's office at City Hall, 777 "B" Street, Hayward, California 94541-5007, up to the hour of 2:00 p.m. on Tuesday, August 6, 2002, and immediately thereafter publicly opened and declared by the City Clerk in the Public Works Conference Room, fourth floor, City Hall, Hayward, California; and
4. That the City Council will consider a report on the bids at a regular meeting following the aforesaid opening and declaration of same.
5. That this project is categorically exempt from environmental review under the California Environmental Quality Act (CEQA)

IN COUNCIL, HAYWARD, CALIFORNIA \_\_\_\_\_, 2002

ADOPTED BY THE FOLLOWING VOTE:

AYES: COUNCIL MEMBERS:

MAYOR:

NOES: COUNCIL MEMBERS:

ABSTAIN: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

ATTEST: \_\_\_\_\_  
City Clerk of the City of Hayward

APPROVED AS TO FORM:

\_\_\_\_\_  
City Attorney of the City of Hayward