



CITY OF  
**HAYWARD**  
HEART OF THE BAY

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**DATE:** October 19, 2010  
**TO:** Mayor and City Council  
**FROM:** Director of Public Works  
**SUBJECT:** Install Water Line at Golf Course Access Road Project: Approval of Plans and Specifications, Call for Bids

**RECOMMENDATION**

That Council adopts the attached resolution approving the plans and specifications for Install Water Line at Golf Course Access Road Project, and calling for bids to be received on November 16, 2010.

**BACKGROUND**

The 2002 Water System Master Plan Update, prepared by Carollo Engineers, identified the eight-inch water main parallel to the Golf Course Access Road fence on the Hayward Airport to be deficient in providing fire flow capacity. The Update recommended installing a new twelve-inch water main to connect or "loop" this 8-inch water line on the Hayward Airport to the twelve-inch water main in the serving the Skywest Golf Course from Corsair Blvd. The new water line will improve fire suppression capacity and water circulation and, thus quality, in the vicinity of the project area.

**DISCUSSION**

An existing eight-inch water main runs adjacent to Golf Course Road ending in front of Hangar "A" at the Hayward Airport. Another twelve-inch water line, which serves industrial customers on Corsair Boulevard, terminates at the Skywest Golf Course parking lot adjacent to the golf cart maintenance building. This project will construct approximately 2,100 feet of new twelve-inch PVC pipe connecting these two existing water lines. The new water line will loop the system and increase fire suppression capacity for this area, as water can then be provided from the entire system, not just from either existing line. Furthermore, water quality will be enhanced by improving circulation and eliminating "dead" water at the ends of the two existing lines.

The twelve-inch PVC pipe will be installed in the shoulder of Golf Course Road, about five feet from the fence separating the Hayward Airport and Skywest Golf Course. This will minimize the construction work to be done within the Airport's operational boundary, which is considered a secure area. Furthermore, by installing the water line at the shoulder of Golf Course Road, traffic disruption to the Skywest Golf Course will be minimal. Full access to the golf course will be maintained at all times.

Utilities staff has coordinated with Airport staff on this project to make sure the new water main does not interfere with planned Airport projects. The Hayward Airport has plans to install an Engineered Material Arrestor System (EMAS) at the end of the main runway within the next five years, as listed in the "Hayward Executive Airport, Airport Layout Plan Update-Final Narrative Report." This system is used to stop an airplane within the runway area during an emergency landing. At its closest location, the proposed water line is approximately forty-five feet from the EMAS. The Airport consultant, AECOM, who prepared the EMAS plans, confirmed that the water line alignment will not interfere with future construction of the EMAS.

The pipeline project is categorically exempt from environmental review under the California Environmental Quality Act (CEQA). The Public Resources code states that CEQA does not apply to any project of less than one mile in length within a public street or highway or any other public right-of-way for the installation of a new pipeline or the maintenance, repair, restoration, reconditioning, replacement, removal, or demolition of an existing pipeline.

## **FISCAL IMPACT**

The estimated project costs are as follows:

Design	\$ 50,000
Construction	320,000
Inspection & Construction Survey	50,000
Trees Removal and Trimming (City)	<u>10,000</u>
Total:	\$430,000

The FY 2011 Capital Improvement Program (CIP) includes \$712,000 for the Install Water Line at Golf Course Access Road Project in the Water System Capital Improvement Fund.

## **PUBLIC CONTACT**

The construction work along Golf Course Road may have minor impacts on traffic to the Skywest Golf Course. However, traffic control will be in place to maintain full access to the golf course at all times. Prior to and during construction, notices will be provided to Skywest Golf Course and Hayward Airport to inform them of the project's work schedule, potential impacts, and City contacts for additional information.

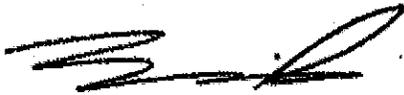
**SCHEDULE**

Open Bids	November 16, 2010
Award Contract	December 14, 2010
Begin Work	January 10, 2011
Complete Work	March 10, 2011

Prepared by: Alex Ameri, Deputy Director of Public Works

Recommended by: Robert A. Bauman, Director of Public Works

Approved by:



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Fran David, City Manager

Attachments:

Attachment I: Draft Resolution  
Attachment II: Project Location Map

HAYWARD CITY COUNCIL

RESOLUTION NO. 10-\_\_

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

RESOLUTION APPROVING PLANS AND SPECIFICATIONS  
FOR INSTALL WATER LINE AT GOLF COURSE ACCESS  
ROAD PROJECT, PROJECT NO. 7139, 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 Install Water Line at Golf Course Access Road Project, Project No. 7139, 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, up to the hour of 2:00 p.m. on Tuesday, November 16, 2010, and immediately thereafter publicly opened and declared by the City Clerk in Conference Room 4D, City Hall, Hayward, California;
4. That the City Council will consider a report on the bids at a regular meeting following the aforesaid opening and declaration of same.

IN COUNCIL, HAYWARD, CALIFORNIA \_\_\_\_\_, 2010

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



INSTALL WATER LINE AT GOLF COURSE ACCESS ROAD-PROJECT NO. 622-7139  
LOCATION MAP