CITY OF
HAYWARD
HEART OF THE BAY

DATE: April 20, 2010

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: A Street Sewer Improvement Project: Approval of Plans and Specifications, and Call for Bids

RECOMMENDATION

That Council adopts the attached resolution approving the plans and specifications for the A Street Sewer Improvement Project and calls for bids to be received on May 18, 2010.

BACKGROUND

The City commissioned CH2MHill in 2002 to conduct a study to update the 1995 Wastewater Collection System Master Plan. This 2002 update identified locations in the system that required improvement to accommodate current and projected future wastewater flow. One of these locations is the sewer main at A Street, from Meekland Avenue to Hathaway Avenue. The analysis determined the pipes in this area will have deficient capacity for handling the estimated flows for the year 2020 condition. This has been confirmed through field investigation.

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.

DISCUSSION

This project will replace approximately 480 feet of existing sewer mains ranging in size from 12-inch to 21-inch with 670 ft of 27-inch Polyvinyl Chloride (PVC) or High Density Polyethylene (HDPE) pipe on A Street between Meekland Avenue and Hathaway Avenue (along the A Street Frontage Road north of the A Street overpass). The new sewer main will improve hydraulic capacity and reliability under projected future wet weather and peak dry-flow conditions.

The existing sewer pipes will be removed and replaced with a new 27-inch PVC or HDPE pipe. The installation, except for the 130 feet of sewer line crossing under the Union Pacific Railroad (UPRR), will be done through open trench in which the pipe will be excavated and replaced. For the section under UPRR, the guided jack-and-bore method will be used to install the pipeline (see Attachment II Project Location Map). Under the guided jack-and-bore method, a protective steel casing is first mechanically pushed through the soil underneath the railroad; the new sewer pipe is then inserted inside the casing and connected to the new manholes. As this operation is all completed underground, disruption to the railroad traffic is avoided. A permit from UPRR has been secured for this work.

As part of the Cannery Housing Development project agreement, the developer, Citation Homes, will be responsible for the cost and construction of improving the downstream 600 feet of the A Street Sewer that will be impacted by the development (see Attachment II Project Location Map). Citation Homes has informed the City that its sewer replacement work is expected to start in mid-April, 2010. The developer's work will be done under an encroachment permit and will be inspected by City staff to ensure proper traffic control is employed for the work in the Hathaway/A Street intersection. The City will construct the upstream half of the project (approximately 670 feet), which includes the new bore under the railroad. Once both parts of the project are finished, the hydraulic capacity of the pipeline will meet the projected future peak dry-flow and wet weather conditions.

Part of the project area is located along the southern edge of Costco's delivery truck parking area. A Right-of-Entry agreement is not required from Costco, as the project area is within the no-longer-used "A" Street right-of-way. However, the Contractor will be required to notify and coordinate all construction activities with Costco such that delivery truck access to and egress from the parking and loading areas are maintained at all times.

FISCAL IMPACT

The estimated project costs are as follows:

Design	$ 50,000
Construction	592,000
Inspection & Construction Survey	60,000
Total:	$702,000

The FY 2010 Capital Improvement Program (CIP) includes $1,000,000 for the A Street Sewer Improvement Project in the Sewer Capital Improvement Fund.

PUBLIC CONTACT

The project should have minimal impact on residents and businesses, with the exception of the Costco Business Center. The work will be done in a manner to minimize the impact on Costco.

During construction, notices will be provided to affected residents, property, and business owners to inform them of the nature and purpose of the work, potential impacts, work schedule, and City contact for additional information.

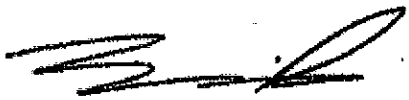
SCHEDULE

Open Bids	May 18, 2010
Award Contract	June 15, 2010
Begin Work	July 13, 2010
Complete Work	October 15, 2010

Prepared by: Alex Ameri, Deputy Director of Public Works

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

Approved by:



Fran David, Acting City Manager

Attachments:

Attachment I: Draft Resolution
Attachment II: Project Location Map

DRAFT

HAYWARD CITY COUNCIL

RESOLUTION NO. 10-

Introduced by Council Member _____

RESOLUTION APPROVING PLANS AND SPECIFICATIONS FOR THE A STREET SEWER IMPROVEMENT PROJECT, PROJECT NO. 7519, 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 A Street Sewer Improvement Project, Project No. 7519, 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 therefore 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, May 18, 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: COUNCIL MEMBERS:
MAYOR:

NOES: COUNCIL MEMBERS:

ATTEST: COUNCIL MEMBERS:

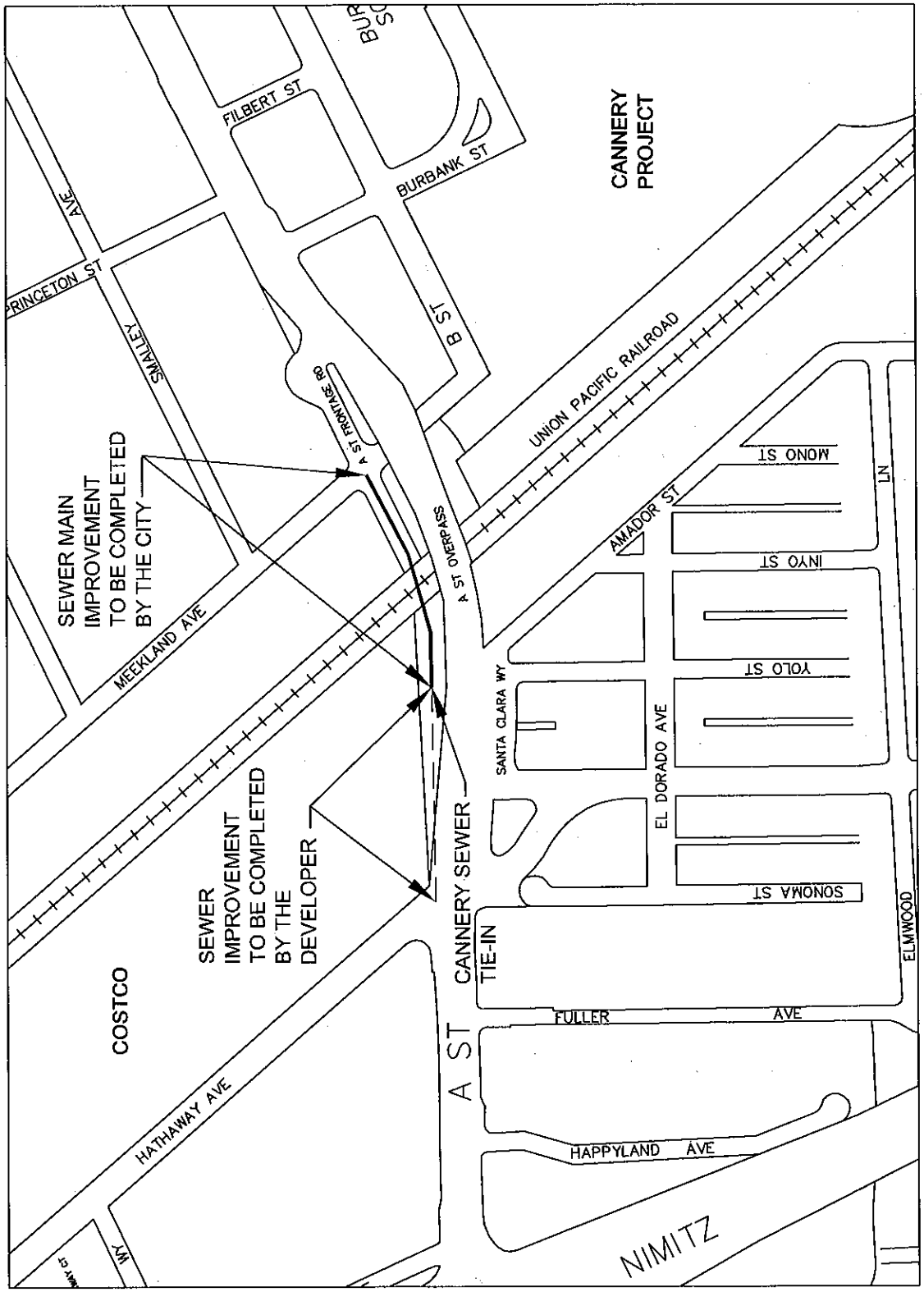
ABSENT: COUNCIL MEMBERS:

Attachment I

ATTEST:_____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

_____
City Attorney of the City of Hayward



Attachment II - Project Location Map
A Street Sewer Improvement Project - Project No. 613-7519