



CITY OF HAYWARD
AGENDA REPORT

AGENDA DATE 09/21/99
AGENDA ITEM 4
WORK SESSION ITEM _____

TO: Mayor and City Council
FROM: Director of Public Works
SUBJECT: Arden/Shasta Trunk Sewer and Manhole Rehabilitation Project – Approval of Plans and Specifications and Call for Bids

RECOMMENDATION:

It is recommended that the City Council approve the plans and specifications for Arden/Shasta Trunk Sewer and Manhole Rehabilitation and authorize a call for bids to be received on October 26, 1999.

BACKGROUND/DISCUSSION:

The Arden and Shasta trunkline sewers are an integral and important part of the City's sanitary sewer system. The Arden trunkline, constructed with 39-inch reinforced concrete pipe in 1966, conveys about 40 percent of all sewage flows to the City's Water Pollution Control Facility (Exhibit A). A Closed Circuit Television (CCTV) inspection performed in 1997 indicated pipe corrosion may be significant. Subsequent pipe samples and detailed inspection indicated only corrosion in the manholes needed remedial action. The manholes will be rehabilitated by one of three methods: (1) replacement with new concrete manhole cones and barrels, (2) coating with epoxy-base material, or (3) lining with fiberglass. Bidding contractors will have the option of selecting which method will be used.

The Shasta trunkline was constructed with 27-inch and 36-inch reinforced concrete pipe in 1952 (Exhibit B). A CCTV inspection performed in 1997 disclosed that a length of about 3,000 feet of pipe has suffered moderate to severe corrosion and, where the line crosses beneath Highway 92, an offset has developed. To replace the offset section, a new pipeline will be constructed parallel to the railroad tracks. Construction will begin on the south side of Highway 92, adjacent to the Shasta Beverage Company, and continue to the north side of Highway 92. Rehabilitation work will then continue by lining the existing pipe in City rights-of-way within the Gillig property to Clawiter Road and then onward to near the intersection of Enterprise Avenue. Rehabilitation work will include manholes, as described above for the Arden trunkline.

Environmental Review:

The rehabilitation project is statutorily exempt from environmental review under the California Environmental Quality Act (CEQA). The CEQA Guidelines state that the maintenance and minor alteration of existing sewerage service is categorically exempt from the provisions of CEQA.

DBE/WBE:

Staff has established a combined goal of 5 percent for Disadvantaged Business Enterprises (DBE) and Women Owned Business Enterprise (WBE) participation for this project. Lining both manholes and pipeline are highly specialized types of construction work. The combined goal is limited due to the lack of available subcontracting opportunities.

Project Cost:

The estimated costs for the two projects are as follows:

Construction Cost	\$1,000,000
Design and Administration	200,000
Inspection and Construction Surveys	50,000
Total	\$1,250,000

Funding:

A total of \$1,055,000 has been approved for these projects in the Sewer Collection System Replacement Fund of the 1999/2000 Capital Improvement Program. An additional appropriation will be requested at the time of award when specific amounts are known. Sufficient monies are available within the Sewer Collection Replacement Fund for this purpose.

Schedule:

The following schedule has been developed for this project:

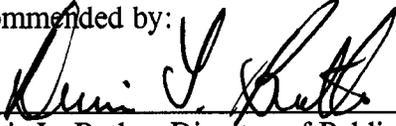
Advertise for Bids	September 21, 1999
Open Bids	October 26, 1999
Award Construction Contract	November 23, 1999
Construction Completion	April 30, 2000

Prepared by:



Alex Ameri, Deputy Director of Public Works/Utilities

Recommended by:



Dennis L. Butler, Director of Public Works

Approved by:



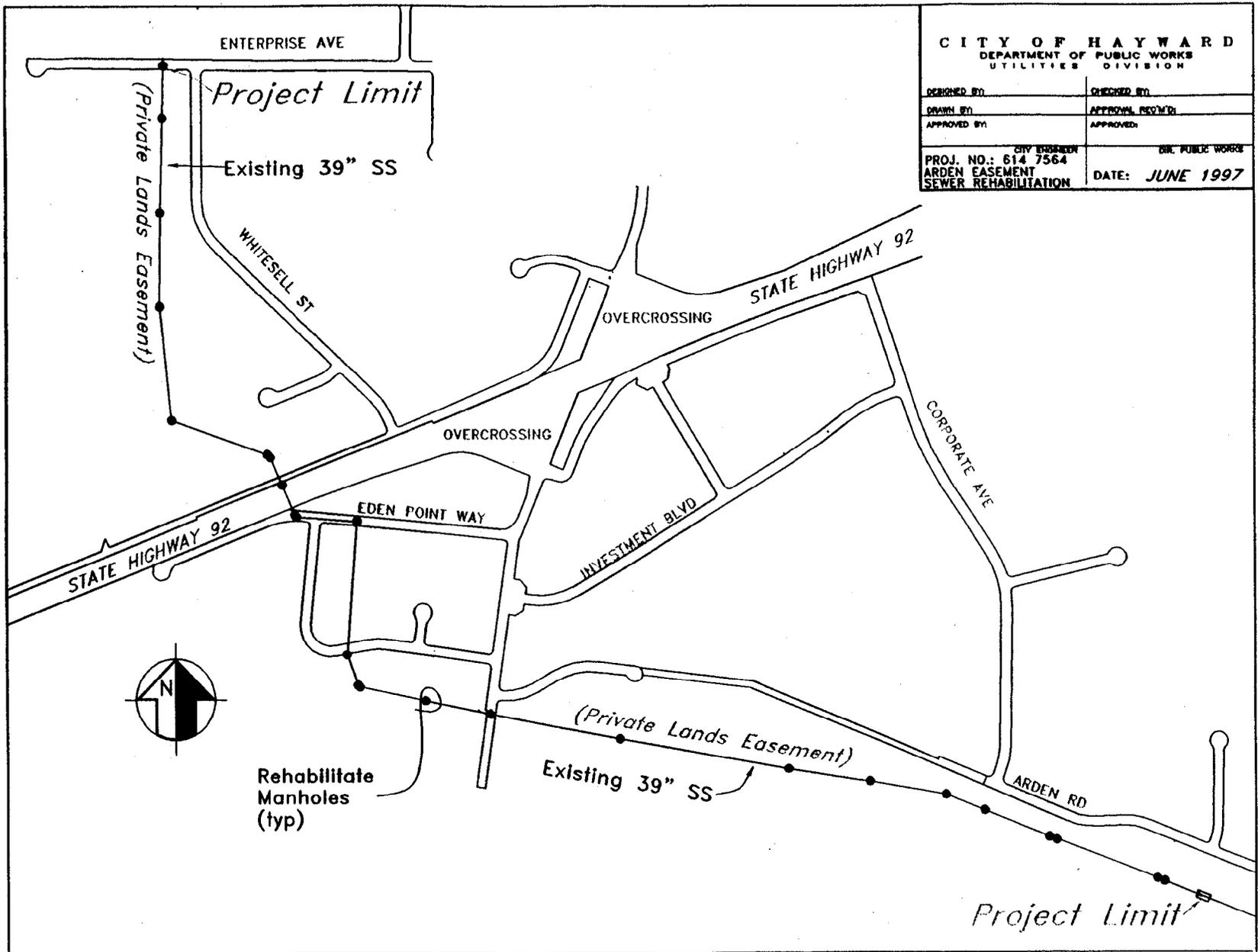
Jesús Armas, City Manager

Attachments:

Exhibit A: Arden Trunkline Location Map

Exhibit B: Shasta Trunkline Location Map

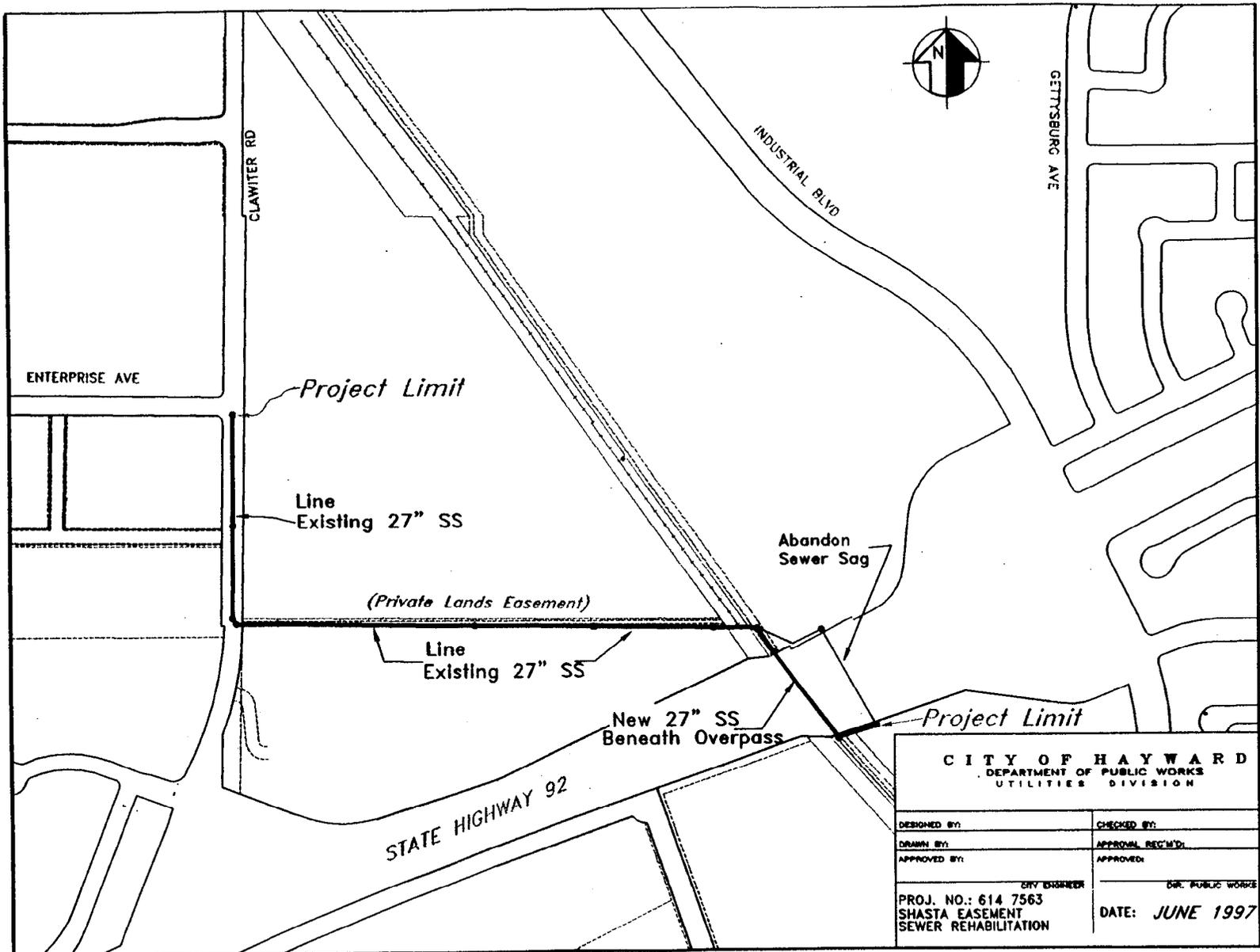
EXHIBIT A
 ARDEN TRUNKLINE



CITY OF HAYWARD
 DEPARTMENT OF PUBLIC WORKS
 UTILITIES DIVISION

DESIGNED BY	CHECKED BY
DRAWN BY	APPROVAL REQUIRED
APPROVED BY	APPROVED
CITY ENGINEER	DIR. PUBLIC WORKS
PROJ. NO.: 614 7564	DATE: JUNE 1997
ARDEN EASEMENT	
SEWER REHABILITATION	

EXHIBIT B
SHASTA TRUNKLINE



CITY OF HAYWARD DEPARTMENT OF PUBLIC WORKS UTILITIES DIVISION	
DESIGNED BY:	CHECKED BY:
DRAWN BY:	APPROVAL REC'D:
APPROVED BY:	APPROVED:
CITY ENGINEER	DIR. PUBLIC WORKS
PROJ. NO.: 614 7563 SHASTA EASEMENT SEWER REHABILITATION	DATE: JUNE 1997

DRAFT

DM 9/21/99

HAYWARD CITY COUNCIL

RESOLUTION NO. _____

Introduced by Council Member _____

RESOLUTION APPROVING PLANS AND SPECIFICATIONS FOR ARDEN/SHASTA TRUNK SEWER AND MANHOLE REHABILITATION PROJECT, PROJECT NO. 7564, 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 Arden/Shasta Trunk Sewer and Manhole Rehabilitation Project, Project No. 7564, on file in the office of the City Clerk, are hereby adopted as the plans and specifications for the project;
2. 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, October 26, 1999, and immediately thereafter publicly opened and declared by the City Clerk in the Engineering Conference Room, City Hall, Hayward, California;
3. That the City Council will consider a report on the bids at a regular meeting following the aforesaid opening and declaration of same; and
4. 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.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 1999

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