



Staff Report

City of Manhattan Beach

TO: Honorable Mayor Tell and Members of the City Council

THROUGH: David N. Carmany, City Manager

FROM: Jim Arndt, Director of Public Works
Steve Finton, City Engineer
Edward T. Kao, Senior Civil Engineer

DATE: December 6, 2011

SUBJECT: Approve Plans and Specifications for the 2011-2012 Water Main Replacement Project Phase 1 in Various Streets in the Sand Section and Authorize the City Manager to Solicit Construction Bids

RECOMMENDATION:

Staff recommends that City Council approve plans and specifications for the 2011-2012 Water Main Replacement Project Phase 1 and authorize the City Manager to solicit construction bids.

FISCAL IMPLICATION:

Water Funds in the amount of \$2,200,000 were appropriated by City Council for this project through the fiscal year 2010-2011 and 2011-2012 Capital Improvement Plan. The project was broken into two phases for design and construction with \$1,474,000 allocated to Phase 1.

A breakdown of revenues and anticipated expenditures is presented on the following table.

2011-2012 WATER MAIN REPLACEMENT PROJECT PHASE 1	
Project (CIP 11835E)	Budget
2010-2011 – DESIGN – Phase 1 (67% of \$200,000 appropriation)	\$ 134,000
2011-2012 – CONSTRUCTION – Phase 1(67% of \$2,000,000 appropriation)	\$1,340,000
Total	\$1,474,000
Anticipated Expenditures	
Current Design Contract with Willdan	\$ 83,360
Construction	\$1,165,000
Construction Contingency 10%	\$116,500
Construction Management Contract	\$70,000
Total	\$1,434,860
Estimated balance after project completion	\$39,140

BACKGROUND:

This project is part of the City’s annual water main replacement program. This program replaces old and/or undersized water mains. These main replacements will reduce the risk of main breaks and will enhance water flow for domestic consumption and fire suppression..

On February 15, 2011, City Council awarded a professional services agreement to Willdan for design services for the fiscal year 2011-2012 Water Main Replacement Project (Phase 1) for \$83,360 and approved a contract amendment extending the term of the existing as-needed professional services agreement with Willdan Engineering to June 30, 2012. The plans and specifications for the project are now significantly complete.

DISCUSSION:

As part of the fiscal year 2011-2012 Water Main Replacement Project – Phase 1, new 6” diameter ductile iron pipe shall replace existing water mains in the following streets:

No.	St. Name	From	To	Length (LF)
1	1 st St.	Highland Ave.	Valley Dr.	1,200
2	1 st St.	Ocean Dr.	Highland Ave.	540
3	3 rd St.	Ocean Dr.	Highland Ave.	540
4	4 th St.	Ocean Dr.	Highland Ave.	540
5	5 th St.	Ocean Dr.	Manhattan Ave.	200
6	Highland Ave.	1st St.	Homer St.	250
7	Highland Ave.	2nd St.	1st St.	250
8	Homer St.	Highland Ave.	Morningside Dr.	250
9	Manhattan Ave	8th St	15th St	2,000
10	Morningside Dr.	1st St.	Homer St.	250
11	Vista Dr.	Rosecrans Ave.	27th St.	2,320
Total				8,340

If approved by City Council, staff would proceed to advertize the project for construction bids. Bids would be opened in January 2012 and construction would begin in March 2012.

Plans and Specifications

Plans and specifications for the 2011-2012 Phase 1 Water Main Rehabilitation Project are available for review in the City Clerks Office at City Hall.

Attachments:

- 1) Map of FY 2011-2012 Water Main Rehabilitation Project Phase 1

