

# REPORT

To the Honorable Mayor and City Council  
From the City Manager

September 22, 2003

## Subject

Final Acceptance – 2002-2003 Sewer Main Replacement Project  
Engineering File No. 806-08

## Recommendation

Accept the 2002-2003 Sewer Main Replacement Project, and authorize the release of bonds and retention.

## Background

Every year the City undertakes a sewer replacement program funded by the Capital Improvement Program Sewer Fund. This program is designed for systematically replacing sewer collection system main lines, which have a history of service disruptions due to age, excessive maintenance requirements, and/or capacity limitations. A priority list is reviewed and updated annually by the Community Development Services Department - Engineering & Construction, to determine the priority areas to be included in the program each year. This year's program includes the relining of 6,300 linear feet of sewermain, and the rehabilitation of 32 manholes in the following areas:

1. Harrison Street (6" sewermain from Clinton Street to El Camino Real) – Trenchless Technology	7. Madison Avenue (6" sewermain from Adams Street to El Camino Real) – Trenchless Technology
2. El Camino Real (6" sewermain from Sequoia Station to Jefferson, and from Diller Street to Madison Ave.) - Trenchless Technology	8. Lincoln Avenue (8" sewermain from Adams Street to El Camino Real) – Trenchless Technology
3. Adams Street (8" sewermain from Harrison Street to Jefferson Street) - Open trench replacement/upgrade	9. Woodsworth Easement (6" sewermain from Whipple Avenue to Edgewood Road) – Trenchless Technology
4. Chesterton Easement (6" sewermain near Edith Avenue) – Trenchless Technology	10. Oakwood Drive (8" sewermain from Oakwood Blvd. East to El Camino Real) – Trenchless Technology
5. Altamont Way Easement (6" sewermain near Highland Avenue) – Trenchless Technology	11. Hampton Avenue Easement (8" sewermain from Sierra Street to Kentfield Avenue) – Trenchless Technology
6. Lonesome Pine Easement (6" sewermain near Twin Oak Court) – Trenchless Technology	

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Relining was chosen in-lieu-of open trench construction for the benefit of less disruption to the public and roadway surfaces. This method of construction has also become economically feasible.

On January 7, 2003, the City Council awarded the construction contract for the 2002-2003 Sewer Main Replacement Project to Gelco Services, Inc. of Salem, Oregon, for the amount of \$558,861.55.

The project was designed and inspected by Assistant Engineer, Grace Le, and Senior Civil Engineer, Saber Sarwary, and was coordinated with staff in the Sewer Section of the Public Works Services Department.

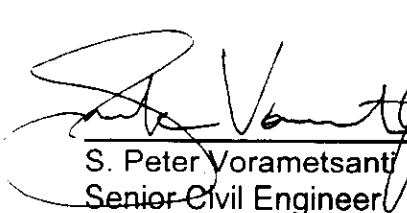
The project has been successfully completed in accordance with the plans and specifications for a total cost of \$516,828.55. Three Change Orders were issued for a credit of \$42,033.00. The credit was attributable to the removal of several sections of pipes, which turned out to be in better shape than initial investigations showed during design.

#### **Alternative**

Do not accept the 2002-2003 Sewer Main Replacement Project, which will leave the project unresolved and delay next year's Sewer Main Replacement Project.

#### **Fiscal Impacts**

The cost of this project has been deducted from the 2002-2003 Capital Improvements Program Budget, Sewer Improvement Fund. The credit of \$42,033.00 will be returned to the fund balance. After this project is completed, the fund will still have a remaining balance of \$1,686,000.

		
S. Peter Vorametsant Senior Civil Engineer	Bruce Liedstrand Community Development Services Director	Ed Everett City Manager