

CITY COUNCIL AGENDA MEMORANDUM

SUBJECT

Motion to award Bid No. 12029 for Sanitary Sewer Repairs (2012) – Phase 1 to Shoreline Construction Co., as the lowest responsive and responsible bidder, in an amount not to exceed \$585,069.45 (CIP Plan No. S-24).

FISCAL IMPACT

Awarding this bid commits the City to a contract in the amount of \$585,069.45, which is 30.5% below the Engineer's Estimate. The low bid continues to reinforce that we are still in a very favorable bidding climate for these types of projects. This work is included in the 2011-2017 Utilities CIP, and sufficient budget exists within the Sewer System Pipeline Rehabilitation Program (CIP Plan No. S-24) to fully fund this contract.

STAFF CONTACT

Michael Jackman, Interim Deputy Director, 452-6012
Wes Jorgenson, Assistant Director, 452-4887
Utilities Department

POLICY CONSIDERATION

It is the Utilities Department policy to identify and implement capital projects via the CIP to rehabilitate or replace deteriorated elements of the wastewater systems, and resolve minor deficiencies or maintenance problems to provide utility customers with consistent, reliable service. CIP Plan No. S-24 has been designated to do this.

BACKGROUND

The Sewer System Pipeline Rehabilitation program has been ongoing for a number of years. Repair of deteriorated wastewater pipes will reduce the possibility of pipeline collapse or blockage that may result in property damage and potential claims against the City, and is consistent with Utilities' asset management program policies. Eliminating system deficiencies helps to decrease maintenance costs and aids in preventive maintenance that reduces potential pipeline blockages.

This project will construct 24 sewer repairs throughout the Utilities service area. Repair sites are located in the Northwest Bellevue, Wilburton, Factoria, Sammamish/East Lake Hills, Crossroads neighborhoods as well as in Beaux Arts, Clyde Hill, Medina and Yarrow Point within the Utilities Service area. These sites are among Utilities' highest priority repairs identified through video pipeline inspections, maintenance history, and field reconnaissance. The bulk of repairs will occur in streets scheduled for pavement overlay in 2012, along with repairs in adjacent streets and neighborhoods. Utilities has been coordinating with the AC Main Replacement program and Transportation Department to complete sewer repairs prior to the pavement overlay in order to minimize street restoration costs and construction inconveniences to neighborhoods.

Bids were opened on May 2, 2012 and are as follows:

Shoreline Construction Co.	\$585,069.45
R.L. Alia Construction Co.	588,803.40
West Coast Construction	812,730.90
Road Construction	818,950.50
Kar-Vel Construction	1,101,487.00
Westwater Construction	1,172,361.75

Engineers Estimate \$842,000

To the best of staff's knowledge, all factors that normally contribute to construction expense have been accounted for in the plans and in the Engineer's Estimate. It is our experience that construction projects of this type usually result in some amount of field changes. Such claims are rigorously reviewed and only those that are clearly necessary to accomplish the intent of the contract, but have somehow not been provided for, will be paid.

EFFECTIVE DATE

If adopted, the award of this bid will become effective immediately.

OPTIONS

1. Award Bid No. 12029 for Sanitary Sewer Repairs (2012) – Phase 1 to Shoreline Construction Co., as the lowest responsive and responsible bidder, in an amount not to exceed \$585,069.45 (CIP Plan No. S-24).
2. Award contract to another bidder, if low bidder is rejected.
3. Reject all bids and re-bid at a later date.

RECOMMENDATION

Adopt Option No. 1, which awards Bid No. 12029 for Sanitary Sewer Repairs (2012) – Phase 1 to Shoreline Construction Co., as the lowest responsive and responsible bidder, in an amount not to exceed \$585,069.45 (CIP Plan No. S-24).

References listed by the Contractor in their bid submittal have been checked by staff. Based on comments received from these references, it has been determined that this contractor can satisfactorily perform the work as proposed in this contract.

MOTION

Move to award Bid No. 12029 for Sanitary Sewer Repairs (2012) – Phase 1 to Shoreline Construction Co., as the lowest responsive and responsible bidder, in an amount not to exceed \$585,069.45 (CIP Plan No. S-24).

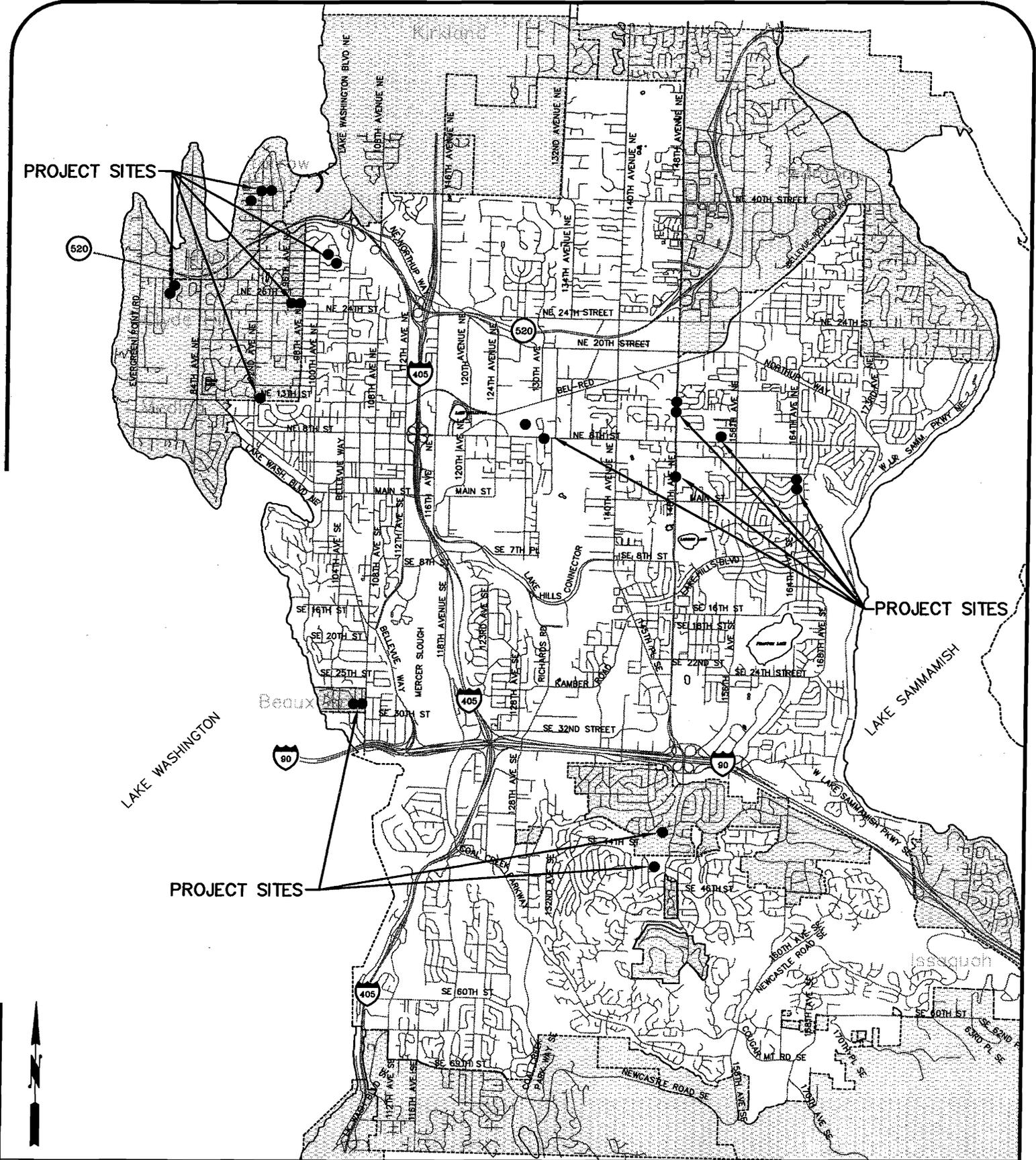
ATTACHMENTS

- Vicinity Map
- CIP Project Description

PROJECT SITES

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----- CITY OF BELLEVUE CITY LIMITS

VICINITY MAP

SANITARY SEWER REPAIRS 2012 PHASE 1
C.I.P. NO. S-24

S-24 Sewer System Pipeline Rehabilitation

Category: Sewer
Department: Utilities

Status: Ongoing
Location: Various locations throughout Sewer Utility's service area

Programmed Funding

Programmed Funding	Appropriated To Date	FY 2011 Budget	FY 2012 Budget	FY 2013 Budget	FY 2014 Budget	FY 2015 Budget	FY 2016 Budget	FY 2017 Budget
23,122,293	12,278,000	1,086,800	1,130,272	1,175,521	1,754,850	1,825,050	1,897,950	1,973,850

Description and Scope

This program funds repair of localized defects and occasional relining or replacement of defective sewer pipes. Most defects are identified from the Utility's infrastructure condition assessment (video) program. Pipes are selected for replacement based on risk of failure (likelihood and consequence), failure history, and to coordinate with other construction, such as planned street overlays (which reduce restoration costs).

PROJECT NEED: System Renewal and Replacement

Rationale

Bellevue's 650+ miles of sewer mains and 'stubs' that carry wastewater from homes and businesses to the mains are rapidly deteriorating. Most are 35-60 years old, and more than halfway through their expected functional life. As pipes age, cracks become wider and joints between pipes loosen, increasing the likelihood of blockages that cause sewer backups. Pipe rehabilitation reduces pipeline failures, reduces the risk of blockages or collapse that could result in property damage, and reduces the amount of ground water entering the sewer system which in turn reduces the risk of exceeding the system capacity.

In most cases, localized 'spot' repairs are the most cost effective choice and assure maximum total pipe life. Video observations and condition data indicates Bellevue will need to begin full pipe replacement or relining in the next few years, which will require significantly higher investment.

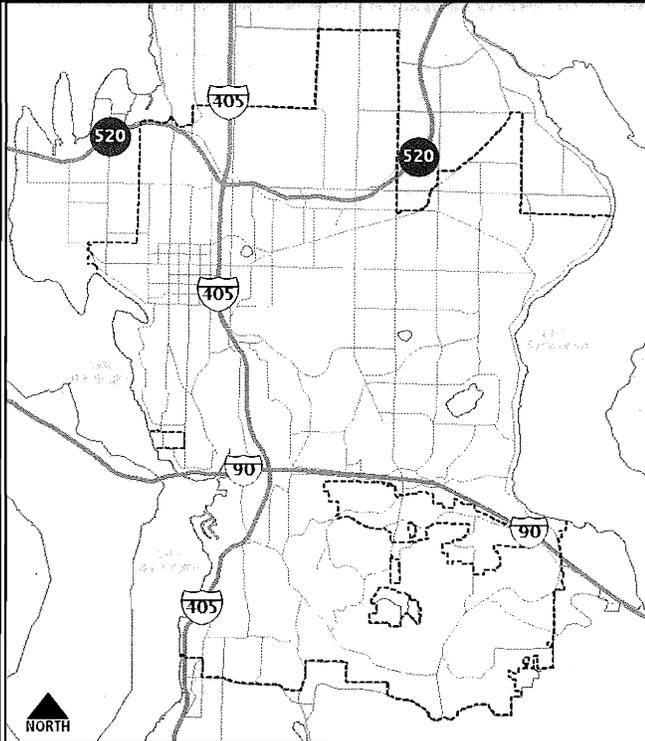
Environmental Impacts

The environmental impacts and the State Environmental Protection Act (SEPA) requirements will be determined for each replacement segment, but they are generally SEPA exempt.

Operating Budget Impacts

This project will have no impact on operating revenues (and/or) expenditures, since it replaces or repairs existing facilities.

Project Map



Schedule of Activities

Project Activities	From - To	Amount
Project Costs	1990 - Ongoing	23,122,293
Total Budgetary Cost Estimate:		23,122,293

Means of Financing

Funding Source	Amount	
Charges for Services	6,000	
Judgements/Settlements	84,000	
Miscellaneous Revenue	806,000	
Private Contributions	67,000	
Utility Rates/Fees	22,159,293	
Total Programmed Funding:		23,122,293
Future Funding Requirements:		0

This project will be located throughout the service area.