



Legislation Details (With Text)

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Title: Approval of Final Construction Contract in the Amount of \$280,292.17, with Northwest Relining, LLC, of Olympia, Washington, and Acceptance of Construction for 152nd Westpark and 90th Street Storm Improvements, Project No. 20021318

Sponsors:

Indexes:

Code sections:

Attachments: 1. Agenda Memo No. 18-182, 2. Attachment A: Vicinity Map

Date	Ver.	Action By	Action	Result
12/4/2018	1	City Council	approved	

MEMO TO: Members of the City Council

FROM: Mayor John Marchione

SUBJECT:

Approval of Final Construction Contract in the Amount of \$280,292.17, with Northwest Relining, LLC, of Olympia, Washington, and Acceptance of Construction for 152nd Westpark and 90th Street Storm Improvements, Project No. 20021318

I. RECOMMENDED ACTION

Approve the final construction contract with Northwest Relining, LLC, of Olympia, Washington for the amount bid including sales tax of \$319,640.10, plus change orders and bid item increases and decreases, resulting in a final contract amount of \$280,292.17, and accept construction of the 152nd Westpark and 90th St Storm Improvements, Project No. 20021318.

II. DEPARTMENT CONTACTS

Martin Pastucha, Director of Public Works	425-556-2733
Mike Paul, City Engineer	425-556-2721
Joseph O'Leary, Project Manager	425-556-2738

III. DESCRIPTION/BACKGROUND

The stormwater lines located in the right of way of 152nd Ave NE adjacent to Westpark Business Park were in a state of disrepair. City maintenance crews had identified these pipes for replacement based on field pipe inspection and video recordings. The existing corrugated metal pipes were heavily corroded and large tree roots had entered the pipes obstructing water flow during storm events. After evaluating options for replacing the pipes, it was determined that least expensive and less obtrusive construction approach was to slip line the existing pipe with new pipe. The work has been successfully completed and the new pipe installation is now allowing stormwater to freely flow.

On NE 90th Street, east of 160th Ave NE, there was a large existing perforated stormwater infiltration pipe. The large pipe was designed and installed with perforations prior to the existence of the wellhead protection zone. This pipe was found to be a good candidate for slip lining to ensure the integrity of the pipe. The slip line pipe has been installed and water no longer infiltrates into the well head protection zone.

The two projects were delivered on time and under budget. During the design phase, cost research revealed that the single source slip line pipe needed for the project was unavailable due to long fabrication time. This meant that the bid contractor would only be able to get on the list for purchase after bid award pushing the construction into the wet season. In order to expedite the project, the City, during the design phase purchased and staged the pipe at the Maintenance Operations Center. The pipe was waiting for the bid contractor, Northwest Lining, LLC, allowing the work to be completed in the summer construction season at a significant savings.

IV. PREVIOUS DISCUSSIONS HELD

Date	Action / Committee Presentation
July 10, 2018	Planning and Public Works Committee/ Briefing
July 17, 2018	City Council Award of Bid Approval
Today	City Council/Acceptance of Contract

V. IMPACT

A. Service/Delivery:

The project greatly reduced the risk of future pipe failure and flooding on of 152nd Ave NE. On 90th Street, the slip-lined pipe will prevent untreated stormwater from infiltrating into the wellhead protection zone.

This project also extended the service life of both pipe systems.

B. Fiscal Note:

Current Project Budget

Stormwater CIP	\$704,170.00
Department of Ecology - 152 nd	\$120,000.00
Total Project Budget	\$824,170.00

Estimated Project Costs

Design	\$281,971.00
Construction	<u>\$409,354.00</u>
Total Estimated Project Costs	\$691,325.00

Transfer to Stormwater Fund	\$132,845.00
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VI. ALTERNATIVES TO STAFF RECOMMENDATION

None

VII. TIME CONSTRAINTS

Following project acceptance, in accordance with RCW 60.28, the contract retainage will be released upon clearances from the Washington State Departments of Revenue and Labor and Industries, with a mandatory 60-day waiting period for filing of claims and liens.

VIII. LIST OF ATTACHMENTS

Attachment A: Vicinity Map