

**AGENDA BILL**

**Beaverton City Council  
Beaverton, Oregon**

**SUBJECT:** Contract Award – SW Davies Road and  
SW Weir Road Pressure Reducing  
Valve Improvements Project (CIP 4134)

**FOR AGENDA OF:** 07-09-19 **BILL NO:** 19186

**MAYOR'S APPROVAL:** *[Signature]*

**DEPARTMENT OF ORIGIN:** Public Works *[Signature]*

**DATE SUBMITTED:** 06-27-19

**CLEARANCES:** City Attorney *[Signature]*  
Mayor's Office *[Signature]*  
Purchasing *[Signature]*  
Finance *[Signature]*  
Engineering *[Signature]*

**PROCEEDING:** CONSENT AGENDA  
(CONTRACT REVIEW BOARD)

**EXHIBITS:** 1. CIP Information Sheet  
2. Funding Plan  
3. Bid Tabulation

**BUDGET IMPACT**

EXPENDITURE	AMOUNT	APPROPRIATION
REQUIRED \$468,790	BUDGETED \$250,000*	REQUIRED \$218,790*

\* Account Number 501-75-3701-682 Water Fund – Water System Improvements – Construction Account. The Fiscal Year 2019-20 Adopted Budget includes \$250,000 in funding for this project under CIP Project 4134. However, the lowest responsive bid for the project was \$468,790 and the additional \$218,790 appropriation is currently available in the Water Operating Fund's General Contingency Account and is recommended to be included in the November 2019 Supplement Budget. See attached Funding Plan (Exhibit 2)

**RECOMMENDED ACTION:**

City Council, acting as the Contract Review Board, authorizes the Mayor to sign a contract with Trench Line Excavation, Inc. in the amount of \$468,790 for the SW Davies Road and SW Weir Road Pressure Reducing Valve (PRV) Improvements Project (CIP 4134) in a form approved by the City Attorney and direct the Finance Director to include the additional \$218,790 appropriation for this project in the November 2019 supplemental budget.

**HISTORICAL PERSPECTIVE:**

The SW Davies Road and SW Weir Road PRV Improvements Project consists of replacement of an existing PRV on SW Davies Road and construction of a new PRV on Weir Road that will replace three existing PRVs. These improvements to the potable water system are included in the Fiscal Year 2019-2020 Capital Improvements Plan (CIP) under CIP Project Number 4134 (Exhibit 1).

The existing SW Davies Road PRV separates the potable water system's 490 hydraulic grade line (HGL) and 550 HGL pressure zones and is the main supply and fire flow feed into the 490 pressure zone. The SW Davies Road PRV was constructed in 1990 without remote telemetry monitoring equipment. The City uses remote telemetry to monitor flow into and pressure of the many pressure zones in the City but does not currently have any remote telemetry monitoring of the 490 pressure zone. Adding telemetry and flow metering to a new SW Davies Road PRV will allow for better service

of residents, improve fire protection, and the ability to more accurately and promptly diagnose leakage in the 490 and 525 pressure zones.

There are currently three PRV stations on the SW Weir Road 12-inch water main that separate the 675 and 550 pressure zones. All of these existing PRVs were constructed in the early 1990's without remote telemetry monitoring. Construction of a new single PRV station with remote telemetry monitoring will replace three aging PRV stations with a single station and allow for better service, reduced maintenance costs, and more monitoring of the growing 550 pressure zone.

**INFORMATION FOR CONSIDERATION:**

The Advertisement to Bid was released and advertised in the Daily Journal of Commerce on June 5, 2019. A non-mandatory pre-bid meeting was held on June 12, 2019. The bid opening took place at 2:00 PM on June 26, 2019. Trench Line Excavation, Inc. was the lowest responsive bidder with a lowest responsive bid of \$468,790. The bid results are summarized in the Bid Tabulation (Exhibit 3). Staff recommend award of a contract to Trench Line Excavation, Inc. for construction of the SW Davies Road and SW Weir Road PRV Improvements project.

The Engineer's estimate for this project was \$455,230, but final design and the estimate were completed after the FY 2019-20 Budget had been finalized. Funding for the SW Davies Road and SW Weir Road PRV Improvements Project will come from the FY 2019-2020 Adopted Budget (\$250,000) and additional \$218,790 appropriation to be included in the November 2019 Supplemental Budget (Exhibit 2).

The SW Davies Road and SW Weir Road PRV Improvements project is included in the FY 2019-2020 CIP under CIP Project Numbers 4134 (Exhibit 1).

The City hired Murraysmith in April 2017 to design the SW Davies Road and SW Weir Road PRV Improvements Project. The design for the SW Davies Road and SW Weir Road PRV Improvements Project was completed on June 4, 2019.

City of Beaverton  
 FY 2019/2020

Project Information

Water

**Project Number** 4134

**Project Name** PRV Improvements at Davies Rd/Brockman Rd and Weir Rd/158th Ave

**Project Description** Add telemetry to existing pressure reducing valve (PRV) vault at the Davies Rd and Brockman Rd intersection that separates the 490 and 525 pressures zones. Install a new PRV vault with telemetry on Weir Rd near 158th Ave that will replace three PRV vaults that separate the 675 and 550 pressure zones.

**Project Justification** Adding telemetry to the existing PRV at the Davies Rd and Brockman Rd intersection will allow for better service to residents, improved fire protection, and the ability to more accurately and promptly diagnose leakage between the 490 and 525 pressure zones. The PRV will be remotely operated from a City water system computer. Replacing three aging PRVs with a single PRV with telemetry on Weir Rd will allow for better service, reduce maintenance costs and allow for more monitoring on the growing 550 pressure zone.

**Project Status** FY16-17: Began preliminary design in Aug 2016. FY17-18: Continued design. FY18-19: Completed design and began construction. FY 19-20 Complete Construction.

**Project Manager** Geoff Hunsaker

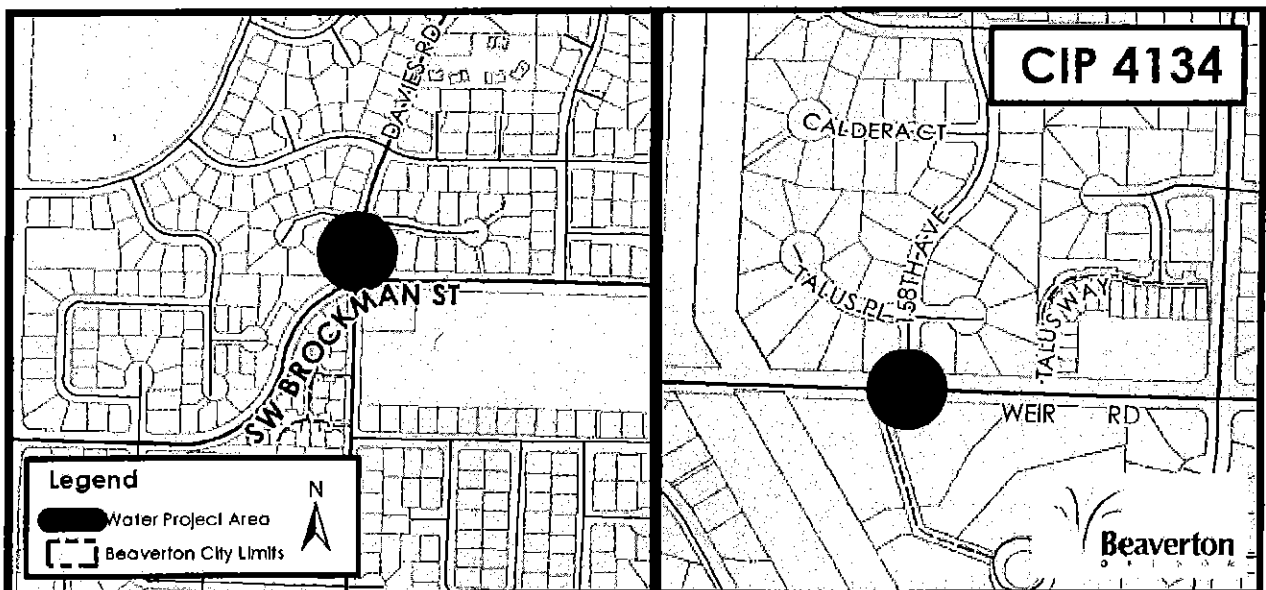
**Estimated Date of Completion:** October 2019      **First Year Budgeted:** FY 2015/2016

**Estimated Project Cost:** \$280,000      **New Project:** No

**Funding Data:**

<u>Fund No.</u>	<u>Fund Name</u>	<u>FY</u>	<u>Amount</u>
3701	Water Improvements	FY 2019/2020	\$265,000
		<b>FY Total</b>	<b>\$265,000</b>

Map:



**FUNDING PLAN**

**SW Davies Rd and SW Weir Rd PRV Improvements Project (CIP 4134)**

<u>Fund Number and Name</u>	<u>FY 2019-20 Project Construction Budget</u>	<u>Project Cost as Bid</u>	<u>Additional Funding From Contingency Account</u>
501-75-3701-682 Water System Improvements	\$250,000	\$468,790	\$218,790
Totals	<u>\$250,000</u>	<u>\$468,790</u>	<u>\$218,790</u>

City of Beaverton

**BID SUMMARY**

Project Name: SW Davies Rd and SW Weir Rd PRV Improvements

OPENED ON: June 26, 2019 @ 2:00 PM

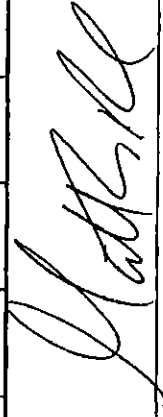
WITNESSED BY: Terry Murait

VENDOR NAME CITY, STATE	Bid Proposal	Bid Proposal Certification - Ack. Addenda	Bid Bonds	Bidder Construction Schedule	Current Project Info	ODOT Prequalification Letter	Bidders Responsibility Form	TOTAL BID
Trench Line Excavation Inc. - Corvallis, OR	✓	✓	✓	✓	✓	✓	✓	\$469,660.00
Emery & Sons Construction Group, LLC - Salem, OR	✓	✓	✓	✓	✓	✓	✓	\$596,479.00

\* - Denotes an unresponsive bid

The Purchasing process has been confirmed.

Signed:



Finance Department, Purchasing Division

The above amounts have been checked: YES NO

Date:

6/26/2019

