

AGENDA BILL

**Beaverton City Council
Beaverton, Oregon**

SUBJECT: Bid Award - Settler Way Utility Replacement Phase 2 (CIP 4118B) and Rawhide Court and Tennessee Lane Remove and Replace Deteriorated Storm Pipe Project (CIP 8136)

FOR AGENDA OF: 08-14-18 **BILL NO:** 18177

Mayor's Approval: Denny Dale

DEPARTMENT OF ORIGIN: Public Works

DATE SUBMITTED: 07-25-18

CLEARANCES:

Purchasing
Finance
City Attorney
Mayor's Office
Engineering

J. K. Murralt
Pro. Chire
[Signature]
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PROCEEDING: CONSENT AGENDA
(CONTRACT REVIEW BOARD)

EXHIBITS: 1. Map/Project Data Sheet
2. Bid Summary
3. Funding Plan

BUDGET IMPACT

EXPENDITURE REQUIRED *	AMOUNT BUDGETED *	APPROPRIATION REQUIRED *
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* See attached Funding Plan (Exhibit 3). The \$231,950 appropriation required for 513-75-3950-682 can be absorbed within the remaining Program budget.

RECOMMENDED ACTION:

City Council, acting as Contract Review Board, awards the bid to Trench Line Excavation (TLX) in the amount of \$1,746,950.00, in a form approved by the City Attorney, as the lowest responsive bid received for the Settler Way Utility Replacement Phase 2 (CIP 4118B) and Rawhide Court and Tennessee Lane Remove and Replace Deteriorated Storm Pipe Project (CIP 8136).

HISTORICAL PERSPECTIVE:

The purpose of CIP 4118B is to replace aged waterline, sanitary and storm drainage pipe and associated structures in the Robinson Property subdivisions built in 1976. The project location is east of SW Downing Drive, north of SW Conestoga Drive, south of Greenway Elementary School, and west of Fanno Creek (see Exhibit 1.1).

The purpose of CIP 8136 is to replace deteriorated storm pipes on SW Tennessee Lane in the Sorrento Ridge No. 6 subdivision, built in 1984 and to remove a large detention pipe and replace with smaller storm pipes on SW Rawhide Court in the Sorrento Ridge No. 5 subdivision built in 1978. The Tennessee Lane project is located east of SW Murray Boulevard and south of SW Sexton Mountain Drive. The Rawhide Court project is located north of SW Weir Road and east of SW Davies Road (see Exhibit 1.2).

INFORMATION FOR CONSIDERATION:

The invitation for bid was advertised in the *Daily Journal of Commerce* on June 27, 2018. Two (2) bids were received and opened on July 24, 2018, at 2:00 p.m. (Exhibit 2). Trench Line Excavation (TLX) of Corvallis, Oregon submitted the lowest responsive bid in the amount of \$1,746,950.00.

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The overall bid amount is 14.3 percent (\$218,063) higher than the Engineer's Estimate (Exhibit 3). The biggest difference was the cost of the Cured in Place Pipe (CIPP), which was 22 percent higher than the Engineer's Estimate.

Staff checked the references provided by TLX and finds that TLX has satisfied the bid requirements to construct public utility improvements in a built-up, urban environment. In FY16-17, TLX constructed the waterline improvements on 114th Avenue (CIP 4139) and on 98th Avenue and Duncan Lane (CIP 4083). In FY17-18, TLX constructed the waterline improvements on 6th Street (CIP 4116), the Pressure Reducing Valve Improvements on 153rd Avenue (CIP 4134A), the Settler Way Utility Replacements, Phase 1 (CIP 4118A), and the ADA Ramp Replacements, Phase 2.

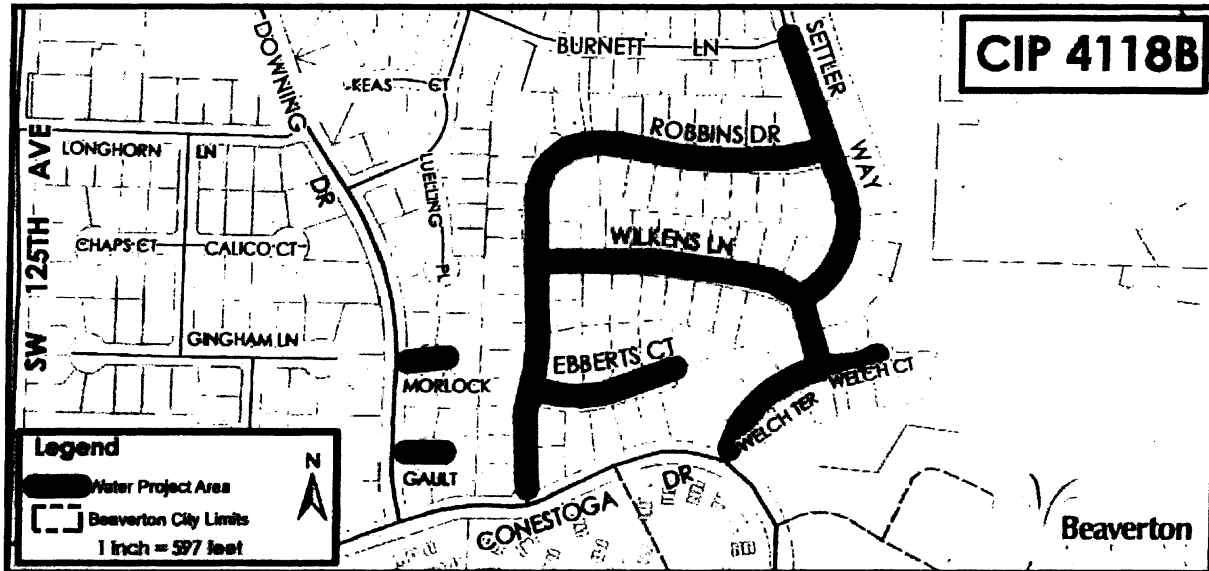
With City Council approval of the bid award, a Notice to Proceed (NTP) would be issued to the Contractor on or about August 28, 2018. The project contract requires substantial completion, which includes all work other than punch-list corrections and final cleanup, within 74 working days of the NTP. This means the estimated substantial completion date of the project is December 14, 2018.

City of Beaverton
2018-2019 CIP

Project Data

Water

Project Number: 4118B
Project Name: Settler Wy Utility Replacements, Phase 2
Project Description: Replace 4,506 feet of 6-inch pipe and associated structures in the Robinson and Greenway No. 5 subdivisions built in 1976 and 1977. Utility replacement in these subdivisions will require multiple phases.
Map:



Project Justification: The cast iron pipe was constructed in 1975 and has experienced numerous main breaks in the past three years. City Water Forces have rated this waterline a top replacement project. Corrosive native soils may be contributing to a shorter useful life of water pipes and fittings than would typically be expected.

Project Status: 12-4-17: Completed survey, base map, and preliminary alignment for water lines. 12-5-17: HHPRI received base map and began drafting.

Estimated Date of Completion: 11/30/2018

First Year Budgeted: FY17/18

Estimated Project Cost: \$1,400,000

New Project:

Funding Data:

Project No.	Fund No.	Fund Name	Amount	FY
4118B	3620	Water Extra Capacity Supply	\$470,000	FY2018/19
	3701	Water Improvements	\$410,000	FY2018/19
	3850	Sewer Maint/Replacement	\$300,000	FY2018/19
	3950	Storm Maint/Replacement	\$255,000	FY2018/19

Total for FY: \$1,435,000

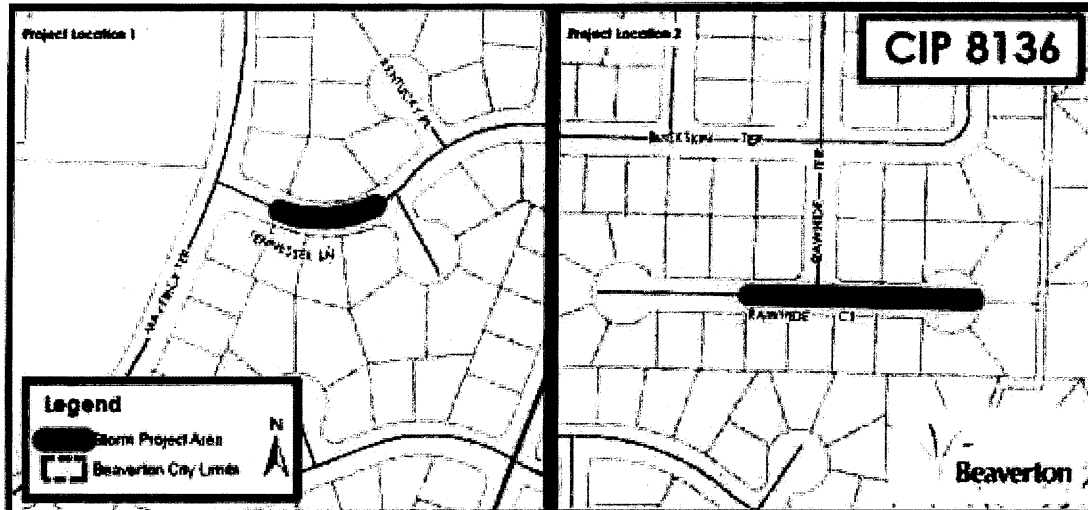
City of Beaverton
2018-2019 CIP

Project Data

Storm

Project Number: 8136
Project Name: Remove & Replace Deteriorated Storm Pipe on Rawhide Ct & Tennessee Ln
Project Description: Remove existing 30-inch CMP storm detention pipe and replace with appropriate size storm drain pipe to provide adequate conveyance. Remove existing 15-inch CMP storm pipe in Tennessee Ln and replace with 15-inch PVC.

Map:



Project Justification: The existing 30-inch CMP storm detention pipe does not function as a detention system. There is no flow control structure downstream of the detention pipe and a detention system is not needed in this area. The existing detention pipe is filled with debris and cannot be maintained by City Operations staff. The existing 15-inch CMP storm pipe in Tennessee Ln is channelized and deteriorated beyond repair to a point where replacement is the best option for rehabilitation.

Project Status: FY17-18: 4-11-18: Completed survey. May 2018: Created construction plan set. June 2018: Put project out to bid. FY 18-19: July: Award project. Summer (August - October): Complete construction.

Estimated Date of Completion: 06/30/2019

First Year Budgeted: FY18/19

Estimated Project Cost: \$80,000

New Project:

Funding Data:

<u>Project No.</u>	<u>Fund No.</u>	<u>Fund Name</u>	<u>Amount</u>	<u>FY</u>
8136	3950	Storm Maint/Replacement	\$80,000	FY2018/19
<u>Total for FY:</u>			\$80,000	

City of Beaverton

BID SUMMARY

**Project Name: SETTLER WAY UTILITY REPLACEMENT PHASE 2 - CIP 4118B & RAWHIDE CT & TENNESSEE LN REMOVE AND REPLACE
 DETERIORATED STORM PIPE - CIP #8136, Solicitation #3380-18B**

OPENED ON: July 24, 2018

WITNESSED BY: Terry Muralt

VENDOR NAME CITY, STATE	Bid Proposal	Bid Proposal Certification - Ack. Addenda	Bid Bonds	Bidder Construction Schedule	Current Project Info	Bidders Responsibility Form	TOTAL BID
Trench Line Excavation, Inc. - Corvallis, OR	✓	✓	✓	✓	✓	✓	\$1,746,950
Pacific Excavation, Inc. - Eugene, OR	✓	✓	✓	✓	✓	✓	\$2,039,000

The Purchasing process has been confirmed.

Signed: *[Signature]*
 Finance Department, Purchasing Division

The above amounts have been checked: YES NO

Date: 7/24/2018



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Funding Plan (Exhibit 3)					
Settler Wy Utility Replacement Phase 2 (CIP 4118B) & Rawhide Ct. & Tennessee Ln. Remove and Replace Deteriorated Pipe (CIP 8136)					
Fund Number and Name	FY2018-19 Proposed Project Construction Budget	FY2018-19 Program Budget	Project Cost As Bid	Project Shortfall	Engineer's Estimate
505-75-3620-682 Water Extra Capacity Supply System	\$470,000	\$1,086,000	\$485,953	\$0	\$488,154
501-75-3701-682 Water System Improvements	\$410,000	\$2,057,000	\$397,598	\$0	\$399,398
502-75-3850-682 Maintenance & Replacement Sanitary System	\$300,000	\$812,500	\$247,427	\$0	\$227,250
513-75-3950-682 Maintenance & Replacement Storm System	\$335,000	\$2,268,000	\$615,973	(\$231,950) *	\$414,084
Total	\$1,515,000	\$6,223,500	\$1,746,950		\$1,528,887
* The shortfall in project budget can be absorbed within the remaining appropriation for Program 3950.					