

RESOLUTION NO. 2624

A RESOLUTION OF THE CITY OF WILSONVILLE TO AMEND THE ADOPTED 2012 WATER SYSTEM MASTER PLAN PROJECT LIST (TABLE 5.2 – PRIORITY CAPITAL IMPROVEMENTS) TO ADD PROJECT 176 – 12-INCH LOOP ON 5TH/KINSMAN/BROWN EXTENSIONS.

WHEREAS, the 2013 Transportation Systems Plan (TSP, amended in 2016) includes Project RE-04B Brown Road Extension to extend Brown Road to Boones Ferry Road and includes a connection to Kinsman Road; and

WHEREAS, the alignment for Project RE-04B was adopted by the City Council in December 2016; and

WHEREAS, new roadway design and construction typically includes extending waterlines, especially in the case where needed to serve future development; and

WHEREAS, the 2012 Water System Master Plan did not foresee a waterline extension in this location because the planning for the new road had not reached sufficient detail at that time; and

WHEREAS, the waterline needs to be added to the master plan project list so that the project can be programmed into the City's capital improvement program; and

WHEREAS, inclusion on the master plan project list allows the project to be eligible for Water System Development Charges (SDCs) funding, and SDC funding for this project is appropriate because the waterline is required to serve future development within the Arrowhead Creek Planning Area; and

WHEREAS, adding the waterline project at this time is important because design is underway for the first phase of Project RE-04B and including the waterline is practical and will result in overall cost efficiencies and fewer long-term construction impacts; and

WHEREAS, the project is needed to serve future development in the Arrowhead Creek Planning Area and improve water system flow and redundancy for the Old Town Neighborhood; and

WHEREAS, Replacement Table 5.2 is attached hereto and incorporated herein for inclusion in the 2012 Water Master Plan.

NOW, THEREFORE, THE CITY OF WILSONVILLE RESOLVES AS FOLLOWS:

1. To amend Table 5.2 - Priority Capital Improvements of the 2012 Water System Master Plan to add Project 176 – 12-inch Loop on 5th/Kinsman/Brown Extensions with a total estimated cost of \$905,000, 100% apportioned to growth, and an additional annual O&M of \$500.
2. The findings presented in this resolution supporting this amendment are hereby adopted.
3. This resolution becomes effective upon adoption.

ADOPTED by the Wilsonville City Council at a regular meeting thereof this 20th day of March, 2017, and filed with the Wilsonville City Recorder this date.

Tim Knapp, Mayor

ATTEST:

Sandra C. King, City Recorder, MMC

SUMMARY OF VOTES:

Mayor Knapp	Yes
Council President Starr	Yes
Councilor Stevens	Yes
Councilor Lehan	Yes
Councilor Akervall	Yes

Attachments:

2012 Water Master Plan - Replacement Table 5.2 – Priority Capital Improvements (Adopted March 2017)

Amended March 2017

REPLACEMENT TABLE 5.2 – Priority Capital Improvements

ID#**	Item	Primary Purpose	Total Estimated Cost	Growth Apportionment		Operating Fund	Additional Annual O&M
				%	Cost		
Priority 1A Improvements (by 2017)							
Water Supply							
106	Portable Flow Meter (for well tests)	Operations	\$ 13,000	0%	\$ -	\$ 13,000	\$ 1,360
Water Treatment and Transmission							
	Surge Tank	Operations	\$ 170,000	100%	\$ 170,000	\$ -	\$ 960
	Clearwell Improvements (assume policy change)	Operations	\$ -	100%	\$ -	\$ -	
Water Storage							
121	C Level Reservoir Security and Sampling Improvements	Operations	\$ 18,000	0%	\$ -	\$ 18,000	\$ 640
123	Charbonneau Reservoir Chlorine Monitoring	Operations	\$ 7,000	0%	\$ -	\$ 7,000	\$ 960
124	Automated Valve at Tooze/Westfall (West Side Tank)	Operations	\$ 58,000	100%	\$ 58,000	\$ -	\$ 580
125	3.0 Million Gallon West Side Tank and 24-inch Transmission (in Pre-design)*	Growth	\$ 5,840,000	100%	\$ 5,840,000	\$ -	\$ 17,160
126	Elligsen West Tank - Add Altitude Valve	Operations	\$ 31,000	100%	\$ 31,000	\$ -	\$ 580
Booster Stations & Turnouts							
140	Charbonneau Booster PRV & SCADA	Operations	\$ 22,000	20%	\$ 4,400	\$ 17,600	\$ 920
Water Distribution Piping							
163	18-inch Loop on Barber St. (Montebello to Kinsman)	Growth	\$ 371,000	100%	\$ 371,000	\$ -	\$ 320
165	48-inch Transmission on Kinsman St. - Barber to Boeckman (in Design)*	Growth	\$ 3,960,000	100%	\$ 3,960,000	\$ -	\$ 3,000
Total Priority 1A Improvements			\$ 10,490,000		\$ 10,434,400	\$ 55,600	\$ 26,480
Priority 1B Improvements (by 2022)							
Water Supply							
110	Nike Well Telemetry & Msc. Improvements	Operations	\$ 35,000	32%	\$ 11,300	\$ 23,700	\$ 420
111	Wiedeman Well Generator & Telemetry	Operations	\$ 98,000	12%	\$ 11,300	\$ 86,700	\$ 2,460
112	Boeckman Well Telemetry Upgrade	Operations	\$ 26,000	43%	\$ 11,300	\$ 14,700	\$ 420
113	Gesellschaft SCADA & Instrumentation	Operations	\$ 32,500	35%	\$ 11,300	\$ 21,200	\$ 420
114	Elligsen Well Instrumentation	Operations	\$ 20,000	29%	\$ 5,700	\$ 14,300	\$ 120
Booster Stations & Turnouts							
143	Charbonneau Booster Flow Meter Vault	Replacement/ Operations	\$ 29,000	54%	\$ 15,700	\$ 13,300	\$ 380
Water Distribution Piping							
160	8-inch Upgrade on Jackson St.	Fire Flow	\$ 64,000	0%	\$ -	\$ 64,000	\$ 100
161	8-inch Upgrade on Evergreen St.	Fire Flow	\$ 83,000	0%	\$ -	\$ 83,000	\$ 200
162	8-inch Loop N. of Seely St.	Fire Flow	\$ 8,000	0%	\$ -	\$ 8,000	\$ 100
164	10-inch Extension on Montebello St.	Growth (School)	\$ 217,000	100%	\$ 217,000	\$ -	\$ 400
166	8-inch Loop between Boberg St. & RR (north of Barber)	Fire Flow	\$ 78,000	0%	\$ -	\$ 78,000	\$ 200
167	8-inch Loop on Boones Ferry (north of Barber)	Operations	\$ 19,000	0%	\$ -	\$ 19,000	\$ 100
168	10-inch Loop (Appts E. of Canyon Creek/Burns)	Fire Flow	\$ 41,000	0%	\$ -	\$ 41,000	\$ 100
169	8-inch Loop between Vlahos & Canyon Creek	Fire Flow	\$ 42,000	0%	\$ -	\$ 42,000	\$ 100
170	8-inch Upgrade on Metolius cul-de-sac	Fire Flow	\$ 54,000	0%	\$ -	\$ 54,000	\$ 100
171	8-inch Loop on Metolius private drive	Operations	\$ 20,000	0%	\$ -	\$ 20,000	\$ 100
172	8-inch Upgrade on Middle Greens	Hydrant Coverage	\$ 68,000	0%	\$ -	\$ 68,000	\$ 200
173	Fairway Village Hydrant on French Prairie	Hydrant Coverage	\$ 10,000	0%	\$ -	\$ 10,000	\$ 100
175	16-inch Willamette River Crossing to Charbonneau District	Displace Charb. Tank	\$ 1,532,000	0%	\$ -	\$ 1,532,000	\$ 3,600
Total Priority 1B Improvements			\$ 2,476,500		\$ 283,600	\$ 2,192,900	\$ 9,620

* Needed projects previously identified in 2002 Water Master Plan, but not yet completed

** Colored/Bold ID #s are mapped on Figure 4 in Appendix A for reference

NOTE: Costs are in 2012 dollars

This project list amended in March 2017 by City of Wilsonville Resolution 2624 to include:**Project 176 - 12-inch Loop 5th/Kinsman/Brown Extensions - Flow, Redundancy - \$905,000 - 100% - \$905,000 - \$0 - \$500**

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