

RESOLUTION NO. 5218-14

RESOLUTION AWARDING THE BID FOR THE CONSTRUCTION
OF A NEW STEEL WATER RESERVOIR LOCATED AT 24300
SW 82ND AVENUE

WHEREAS, the Notice of Construction of a One (1) MG Steel Water (C2) Reservoir Project was published in the *Daily Journal of Commerce* on October 6 and 15, 2014; and

WHEREAS, three (3) proposals were received and publically opened and read on November 4, 2014; and

WHEREAS, the procurement complies with the City's public contracting requirements; and

WHEREAS, funds are available for this project in the Water Development Fund and Water Operating Fund; and

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL, CITY OF TUALATIN, OREGON, THAT:

Section 1. Clackamas Construction, Inc. was the successful responsible low bidder and is hereby awarded a contract to construct a one (1) mg steel water reservoir.

Section 2. The City Manager is authorized to execute a contract with Clackamas Construction, Inc. in the amount of \$1,735,955.00.

Section 3. The City Manager or designee is authorized to execute Change Orders totaling up to ten percent (10%) of the original contract price.

Section 4. This resolution is effective upon adoption. INTRODUCED AND

ADOPTED this 24th day of November, 2014.

CITY OF TUALATIN, OREGON

BY



Mayor

APPROVED AS TO FORM

BY



City Attorney

ATTEST:

BY



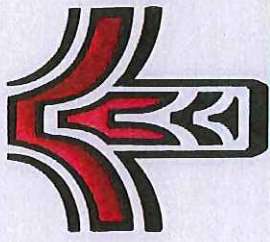
City Recorder

C2 Water Reservoir: New Construction and

C1 Water Reservoir: Repainting

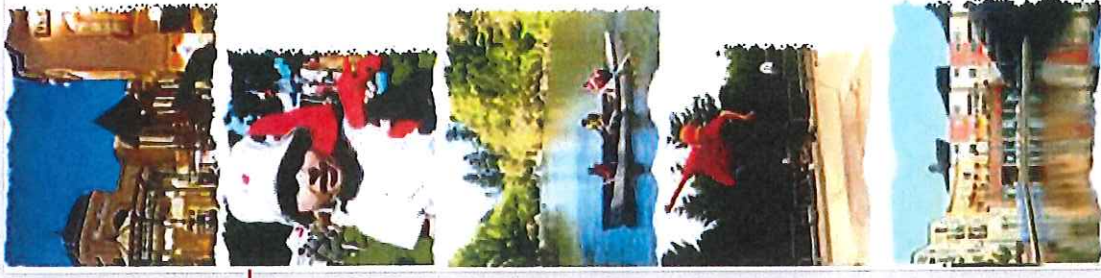
November 24, 2014





Background

- ❖ The City has four Service Levels for the water system.
- ❖ Service Level C is the second smallest pressure level.
- ❖ The City's Water Master Plan noted that Service Level C has an existing storage deficiency, requiring a new reservoir
- ❖ The existing Service Level C reservoir is located in unincorporated Washington County off of Frobase Road.



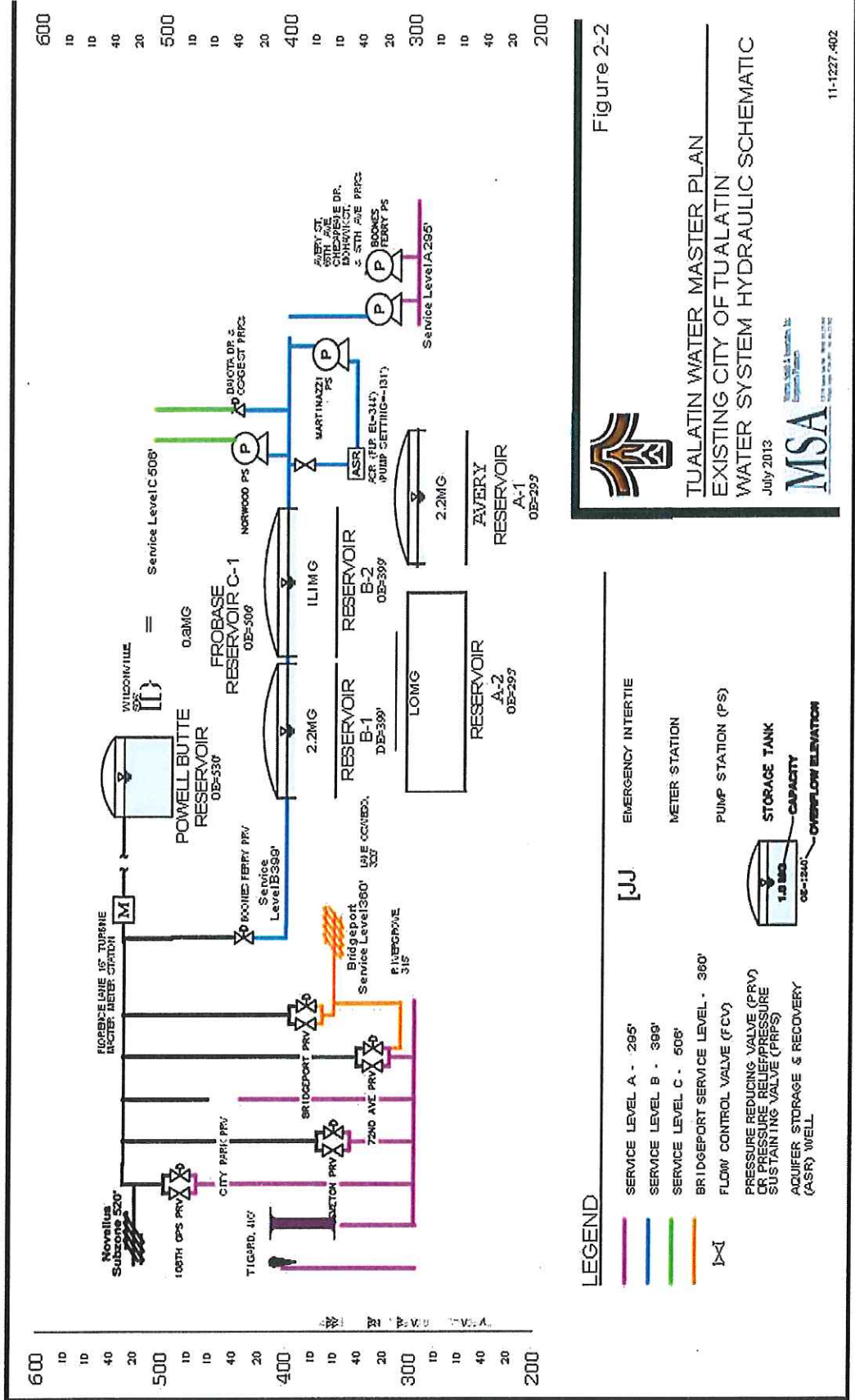
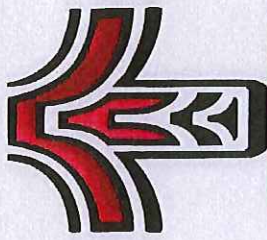


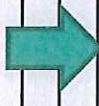
Figure 2-2

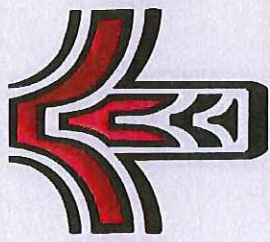


2013 Water Master Plan



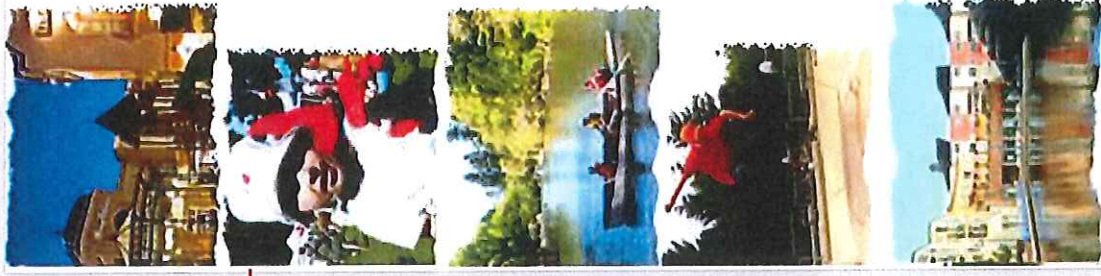
Table 5-4 | Storage Volume Recommendation Summary

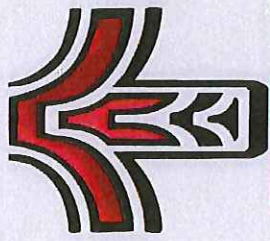
Service Area	Existing (2011) Development Conditions Storage (mg)				Total	Available Storage	Deficit
	Equalization	Emergency	Fire Flow	Total			
A	1.30	4.80	0.63	6.70	7.2		
B	0.80	2.90	0.63	4.30	5.0		
C	0.30	0.90	0.18	1.40	0.8		
Total	2.40	8.60	1.44	12.40	13.0		
20-year (2031) Development Conditions Storage (mg)							
Service Area	20-year (2031) Development Conditions Storage (mg)				Total	Available Storage	Deficit
	Equalization	Emergency	Fire Flow	Total			
A	1.60	6.10	0.63	8.30	7.2	1.1	
B	1.50	5.90	0.63	8.00	5.0	3.0	
C	0.30	1.40	0.18	1.90	0.8	1.1	
Total	3.40	13.40	1.44	18.20	13.0	5.2	
Build-out Development Conditions Storage (mg)							
Service Area	Build-out Development Conditions Storage (mg)				Total	Available Storage	Deficit
	Equalization	Emergency	Fire Flow	Total			
A	1.70	6.10	0.63	8.40	7.2	1.2	
B	1.60	5.90	0.63	8.10	5.0	3.1	
C	0.30	1.00	0.18	1.40	0.8	0.7	
Total	3.60	13.00	1.44	18.00	13.0	5.0	



Background

- ❖ Design for the new tank was started in 2009 but not completed until 2014, due to a slowdown in the economy and lack of SDC funds.

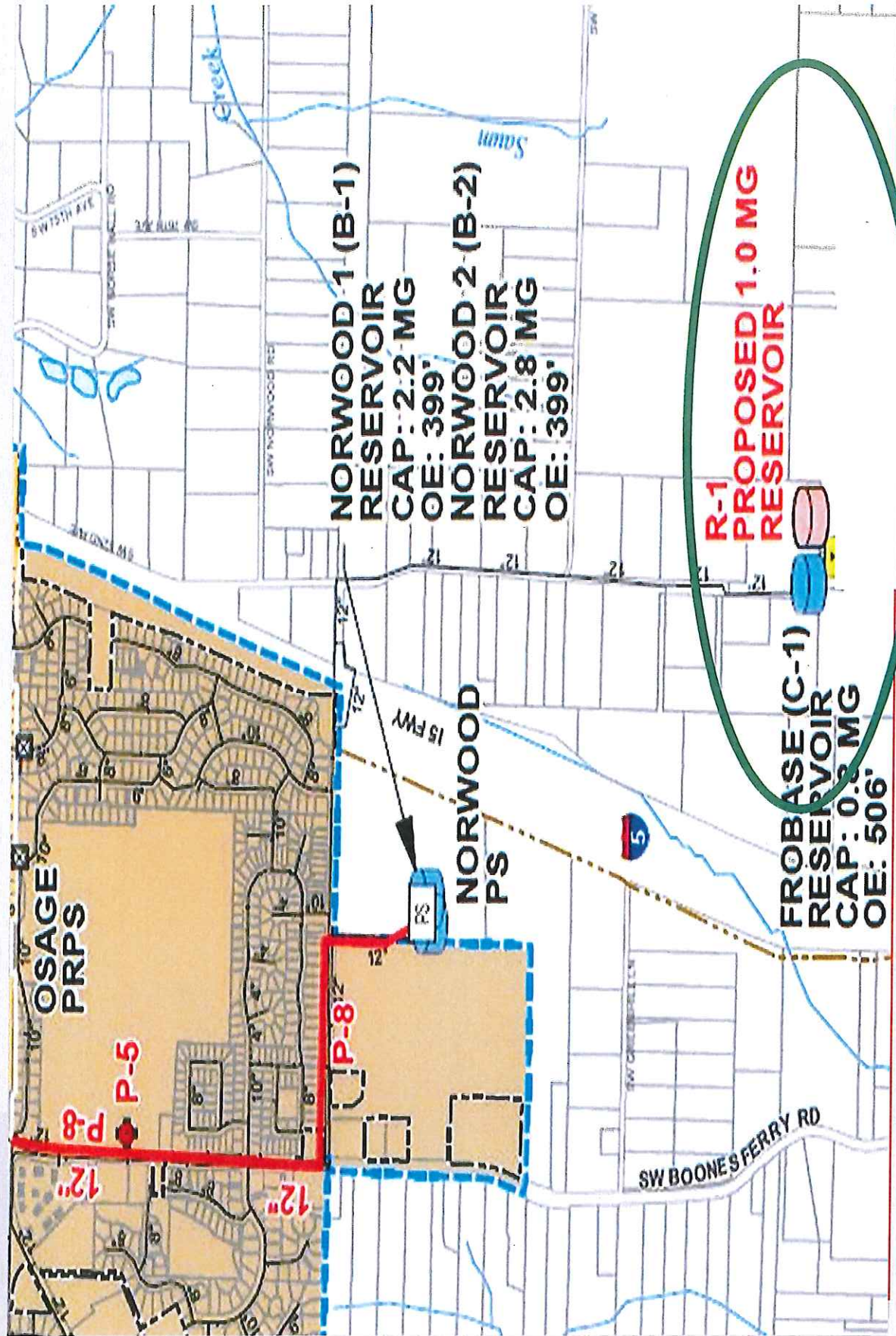




Project

- ❖ The Frobase Reservoir site has adequate existing space to accommodate a second small reservoir.
- ❖ This second reservoir, with a volume of 1 million gallons, will be constructed as an at-grade welded steel reservoir consistent with the City's other reservoirs.
- ❖ The project also includes repainting the existing reservoir on the same site.





**NORWOOD 1 (B-1)
RESERVOIR
CAP: 2.2 MG
OE: 399'**

**NORWOOD 2 (B-2)
RESERVOIR
CAP: 2.8 MG
OE: 399'**

**FROBASE (C-1)
RESERVOIR
CAP: 0.8 MG
OE: 506'**

**R-1
PROPOSED 1.0 MG
RESERVOIR**

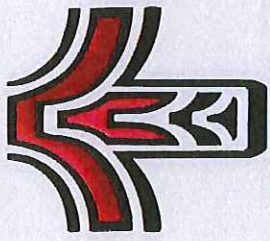
**OSAGE
PRPS**

**NORWOOD
PS**

SW BOONES FERRY RD

November 24, 2014

City of Tualatin



Where we are now...

- ❖ The project is in the City's Capital Improvement Plan and the Adopted Budget.
- ❖ Three bids were received and opened on November 4, 2014.
- ❖ Clackamas Construction submitted the low bid of \$1,735,955.





Next Steps

November 24, 2014: Council consideration of resolution awarding contract

December 2014: Execute contract

January – September 2015: Construction

