



City of Camas
Water System Plan Update
Capital Improvement Program



Project Identification:

Project Name:

Facility Type:

NS-1 **SDC Area** North Shore
Annual North Shore Distribution Program
North Shore

Cost Allocation	Percent	Cost	Total Cost
Capacity:	100%	\$ 22,254,000	\$ 22,254,000
Upgrade:	0%	\$ -	
Non-capacity:	0%	\$ -	

Project Description:

Construct North Shore area distribution system through a 10-year annual program. Sizing based on a looped 544 Pressure Zone distribution system, where individual developments may be served through sub pressure zones.

Project Element		Quantity	Unit	Unit Cost (\$/Unit)	Contingency	GC & Overhead	Engineering/ Planning	City Admin	Total Project Cost	Developer Share
					30%	25%	20%	10%		
Annual North Shore Distribution Main Program									\$ 2,225,400	75%
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Annual North Shore Distribution Main Program									\$ 8,901,600	75%
Annual North Shore Distribution Main Program									\$ 4,450,800	75%
Individual North Shore Distribution System Piping Projects (Do Not Enter Project Timing)										
A. SE 15th St. transmission main upsiz.	24-inch	1,730	ft	\$ 265	\$ 137,535	\$ 114,613	\$ 91,690	\$ 45,845	\$ 848,000	
B. NE 43rd Ave transmission main upsiz	18-inch	1,560	ft	\$ 243	\$ 113,724	\$ 94,770	\$ 75,816	\$ 37,908	\$ 701,000	
C. SE 283rd Ave transmission main upsiz	18-inch	2,640	ft	\$ 243	\$ 192,456	\$ 160,380	\$ 128,304	\$ 64,152	\$ 1,187,000	
D. SE Robinson/SE 7th St transmission mai	18-inch	3,620	ft	\$ 243	\$ 263,898	\$ 219,915	\$ 175,932	\$ 87,966	\$ 1,627,000	
E. NE Goodwin Road	18-inch	3,620	ft	\$ 243	\$ 263,898	\$ 219,915	\$ 175,932	\$ 87,966	\$ 1,627,000	
F	8-inch	7,709	ft	\$ 175	\$ 404,723	\$ 337,269	\$ 269,815	\$ 134,908	\$ 2,496,000	
G	18-inch	7,436	ft	\$ 243	\$ 542,084	\$ 451,737	\$ 361,390	\$ 180,695	\$ 3,343,000	
H	18-inch	8,596	ft	\$ 243	\$ 626,648	\$ 522,207	\$ 417,766	\$ 208,883	\$ 3,864,000	
I	18-inch	2,615	ft	\$ 243	\$ 190,634	\$ 158,861	\$ 127,089	\$ 63,545	\$ 1,176,000	
J	12-inch	3,619	ft	\$ 216	\$ 234,511	\$ 195,426	\$ 156,341	\$ 78,170	\$ 1,446,000	
K	12-inch	5,471	ft	\$ 216	\$ 354,521	\$ 295,434	\$ 236,347	\$ 118,174	\$ 2,186,000	
L	12-inch	2,259	ft	\$ 216	\$ 146,383	\$ 121,986	\$ 97,589	\$ 48,794	\$ 903,000	
M	12-inch	2,127	ft	\$ 216	\$ 137,830	\$ 114,858	\$ 91,886	\$ 45,943	\$ 850,000	



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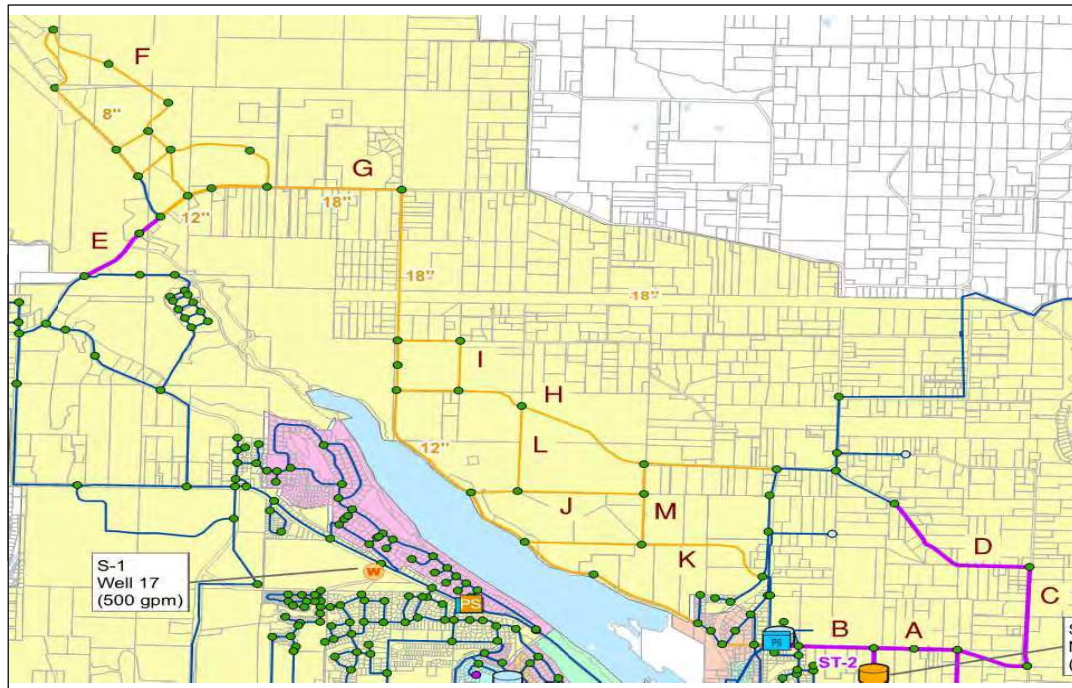
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Notes on Cost Estimation:

Project Location:



Trigger:

Level of Service Goal	Trigger	Value	Anticipated Need
Pressure and Fire Flow	North Shore Development	Implement in conjunction with development.	Mid-term, Long-term