

# WE WHITSON ENGINEERS

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March 20, 2018  
Project No.: 2146.01

**CIP OW-0206**  
**PRELIMINARY ESTIMATE OF PROBABLE CONSTRUCTION COSTS**  
**INTER-GARRISON ROAD WATER DISTRIBUTION PIPELINE**

*Per March 2018 Construction Drawings*

**MARINA COAST WATER DISTRICT**  
**MONTEREY COUNTY, CALIFORNIA**

<b>Item</b>	<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Amount</b>
1	Mobilization/ Demolition	1	LS	\$ 25,000.00	\$ 25,000
2	Trench Safety: Temp Sheeting, Shoring and Bracing	1	LS	\$ 10,000.00	\$ 10,000
3	Traffic Control	1	LS	\$ 100,000.00	\$ 100,000
4	18" Class 250 ductile iron pipe in Existing Roadway ( <i>incl all valves, fittings, restraints, and trench sawcutting and paving</i> )	3,503	LF	\$ 250.00	\$ 875,750
5	12" C900 PVC pipe in Existing Roadway ( <i>incl all valves, fittings, restraints, and trench sawcutting and paving</i> )	31	LF	\$ 165.00	\$ 5,115
6	Connect to Existing 12" Water Main	3	EA	\$ 10,000.00	\$ 30,000
7	Abandon Existing 12" Water Main	30	LF	\$ 50.00	\$ 1,500
8	Fire hydraings	2	EA	\$ 8,000.00	\$ 16,000
9	6" Air Release Valve	2	EA	\$ 5,000.00	\$ 10,000
10	1' thick, 2-sac Slurry Cap	2	EA	\$ 1,000.00	\$ 2,000
11	20' long, 18" HDPE Capped Storm Drain Pipe	7	EA	\$ 1,200.00	\$ 8,400
12	Stormwater Pollution Prevention	1	LS	\$ 10,000.00	\$ 10,000
<b>Sub-Total Inter-Garrison Road Water Distribution Pipeline</b>					<b>\$ 1,093,765</b>
<b>10% CONTINGENCY</b>					<b>\$ 109,377</b>
<b>TOTAL ESTIMATED CONSTRUCTION COST (<i>rounded to the nearest \$1,000</i>)</b>					<b>\$ 1,203,000</b>