

Canton Market Place Lift Station  
Summary of Costs

	Original Cost	Costs w/Bonds	CO No. 1	Cost w/CO 1	Percentage of Project	Design/Land Costs	Total Cost	Initial Cost Per gpd	Sembler Cost
Lift Station	\$ 483,257	\$ 554,122	\$ 850	\$ 554,972	52.73%	\$ 214,183	\$ 769,155	\$ 2.93	\$ 198,112
Assume Rock Costs are w/Lift Station									
Force Main	\$ 296,416	\$ 302,344	\$ 30,530	\$ 332,874	31.63%	\$ 128,468	\$ 461,342	\$ 0.39	\$ 26,241
			\$ 27,600						
			\$ 1,200						
			\$ 1,730						
Gravity Sewer	\$ 161,406	\$ 164,634		\$ 164,634	15.64%	\$ 63,538	\$ 228,172	\$ 0.19	\$ 12,979
Subtotal	\$ 941,079								
Rock	\$ 60,000								
Total w/o Bonds	\$ 1,001,079								
Bond Cost 2%									
Total Construction Cost	\$ 1,021,101	\$ 1,021,101		\$ 1,052,481					
Design Cost	\$ 200,434	\$ 200,434		\$ 200,434					
Land Cost	\$ 205,754	\$ 205,754		\$ 205,754					
Total Project Cost	\$ 1,427,289	\$ 1,427,289		\$ 1,458,669			\$ 1,458,669	\$ 3.51	\$ 237,332
Up Front Costs									
Landon							\$ 52,293		
H & H							\$ 205,754		
Sembler Up Fron Costs							\$ 1,200,622		
Sembler Usage Costs							\$ 237,332		
Sembler Reimbursement							\$ 963,289		

Capacity	Initial		Ultimate	
	Qpeak, gpd*	Qave, gpd**	Qpeak, gpd*	Qave, gpd**
Lift Station	763,200	262,268	3,456,000	1,187,629
Force Main	3,456,000	1,187,629	3,456,000	1,187,629
Garvity	3,456,000	1,187,629	3,456,000	1,187,629
Sembler Usage		67,553		

\* Qpeak based on Pump Capacity per Canton Place Development Lift Station & Forcemain Design Report, Ross Consulting Engineers, 12/31/2007

\*\* PF = 2.91 per Canton Place Development Sewer Basin Analysis, Ross Consulting Engineers, 12/03/2007

Capacity	Qpeak, gpd	Peak Factor	Qave, gpd	Sembler Usage	Available Capacity
Lift Station (Present)	763,200	2.91	262,268	67,553	194,715
Lift Station (Future)	3,456,000	2.91	1,187,629	67,553	1,120,076
Force Main	3,456,000	2.91	1,187,629	67,553	1,120,076