

SYSTEM 10

Conduits and Channels							
ID	Existing			Recommendation			Total Cost
	Size	Grade (%)	Q _{cap} (cfs)	Size	Grade (%)	Q _{10yr} (cfs)	
S10-1	5' flat bottom	1.08	47	5' flat bottom	0.50	68	\$1,000
S10-2	5' flat bottom	0.42	47	5' flat bottom	0.50	18	\$4,000
S10-3	4' flat bottom	0.41	12	4' flat bottom	0.48	18	\$1,000
S10-4	24"	1.47	27	30"	1.47	18	\$3,000
S10-5	24"	0.87	5	24"	---	---	---
Subtotal Cost =							\$9,000
S10L1-1	24"	0.85	21	24"	---	---	---
S10L1-2	5' flat bottom	0.49	13	5' flat bottom	---	---	---
S10L1-3	5' flat bottom	0.52	14	5' flat bottom	---	---	---
Subtotal Cost =							\$0
S10L2-1	18"	1.39	3	30"	0.46	18	\$1,000
S10L2-2	4' flat bottom	0.50	49	4' flat bottom	0.50	19	\$0
S10L2-3	18"	1.08	11	24"	0.49	20	\$3,000
Subtotal Cost =							\$4,000
Land Acquisitions							
Plate #	Appraised		Total Cost				
	Land	Improvements					
N07659A	\$36,680	\$56,820	\$94,000				
N07660A	\$3,110	\$0	\$3,000				
Subtotal Cost =			\$97,000				

Note: Dashed entries refer to pieces of the system that are included in GIS mapping, but did not meet the study criteria for having individual analysis in the hydrologic model. Therefore, no recommendation could be given.

Total Cost of System =	\$110,000
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