

SYSTEM 8

Conduits and Channels							
ID	Existing			Recommendation			Total Cost
	Size	Grade (%)	Q _{cap} (cfs)	Size	Grade (%)	Q _{10yr} (cfs)	
S8-1	30"	1.87	30	30"	1.87	50	\$0
S8-2	18"	0.87	5	36"	0.50	39	\$8,000
S8-3	18"	1.14	6	36"	0.49	39	\$5,000
S8-4	18"	0.58	4	36"	0.50	39	\$7,000
S8-5	18"	0.16	2	36"	0.50	39	\$18,000
S8-6	24"	0.12	4	36"	0.50	39	\$5,000
S8-7	24"	0.00	0	36"	0.50	39	\$13,000
S8-8	24"	0.93	12	36"	0.50	39	\$13,000
S8-9	18"	0.22	3	36"	0.50	39	\$3,000
S8-10	18"	1.25	6	36"	0.47	39	\$1,000
S8-11	4' flat bottom	0.06	9	4' flat bottom	0.50	43	\$1,000
S8-12	18"	0.38	4	36"	0.50	61	\$5,000
S8-13	15"	0.92	3	36"	0.50	33	\$5,000
S8-14	15"	0.36	2	36"	0.50	33	\$13,000
S8-15	15"	0.50	2	36"	0.50	34	\$18,000
Subtotal Cost =							\$115,000
S8L1-1	24"	0.65	10	24"	---	---	---
S8L1-2	24"	0.21	6	24"	---	---	---
S8L1-3	18"	1.23	6	18"	---	---	---
S8L1T1-1	18"	4.86	13	18"	---	---	---
S8L1T2-1	15"	1.36	4	15"	---	---	---
Subtotal Cost =							\$0
S8L2-1	15"	0.02	0	15"	---	---	---
Subtotal Cost =							\$0
S8L3-1	12"	3.73	4	12"	---	---	---
S8L3-2	12"	4.12	4	12"	---	---	---
Subtotal Cost =							\$0
S8L4-1	12"	3.19	3	12"	---	---	---
Subtotal Cost =							\$0
S8L5-1	12"	3.72	4	12"	---	---	---
Subtotal Cost =							\$0
S8L6-1	12"	3.36	4	12"	---	---	---
Subtotal Cost =							\$0

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 = \$115,000
