

## SYSTEM 4

<b>Conduits</b>							
ID	Existing			Recommendation			Total Cost
	Size	Grade (%)	Q <sub>cap</sub> (cfs)	Size	Grade (%)	Q <sub>10yr</sub> (cfs)	
S4-1	36"	0.10	12	36"	0.10	62	\$0
S4-2	36"	0.51	26	36"	0.51	62	\$0
S4-3	36"	0.05	4	36"	0.05	62	\$0
S4-4	36"	0.59	25	36"	0.59	40	\$0
S4-5	30"	0.42	18	36"	0.42	40	\$9,000
S4-6	30"	0.11	14	36"	0.11	41	\$51,000
S4-7	36"	0.14	25	36"	0.14	41	\$0
S4-8	36"	0.09	11	---	---	---	---
S4-9	18"	2.68	17	---	---	---	---
S4-10	21"	1.29	18	---	---	---	---
S4-11	15"	1.64	8	---	---	---	---
S4-12	15"	1.10	7	---	---	---	---
S4-13	12"	1.89	3	---	---	---	---
<b>Subtotal Cost =</b>							<b>\$60,000</b>
S4L1-1	15"	2.10	5	---	---	---	---
S4L1-2	15"	0.79	6	---	---	---	---
S4L1-3	15"	2.86	11	---	---	---	---
S4L1T1-1	15"	0.29	4	---	---	---	---
S4L1T1-2	15"	1.06	7	---	---	---	---
<b>Subtotal Cost =</b>							<b>---</b>
S4L2-1	30"	3.39	41	36"	3.39	42	\$4,000
S4L2-2	30"	0.48	15	36"	0.48	41	\$18,000
S4L2-3	30"	0.15	9	36"	0.15	41	\$3,000
S4L2-4	18"	4.75	12	36"	4.75	41	\$11,000
<b>Subtotal Cost =</b>							<b>\$36,000</b>
S4L3-1	18"	3.97	11	---	---	---	---
S4L3-2	18"	3.18	19	---	---	---	---
S4L3-3	15"	0.71	3	---	---	---	---
<b>Subtotal Cost =</b>							<b>---</b>
S4L4-1	15"	9.08	11	36"	9.08	41	\$6,000
S4L4-2	15"	0.49	2	36"	0.49	56	\$47,000
S4L4T1-1	12"	1.76	3	---	---	---	---
S4L4T1-2	12"	3.35	4	---	---	---	---
S4L4T2-1	12"	1.08	2	---	---	---	---
S4L4T2-2	12"	0.87	2	---	---	---	---
<b>Subtotal Cost =</b>							<b>\$53,000</b>

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.

<b>Total Cost of System = \$149,000</b>
---