

Item	Units	Qty	Unit Price		Total Price	
			Low End	High End	Low End	High End
18" RCP storm sewer, 0'-8' deep	LF	310	\$30	\$45	\$9,300	\$13,950
24" RCP storm sewer, 0'-8' deep	LF	440	\$35	\$50	\$15,400	\$22,000
30" RCP storm sewer, 10'-12' deep	LF	410	\$50	\$65	\$20,500	\$26,650
5' diameter manholes	EA	3	\$3,000	\$4,500	\$9,000	\$13,500
6' diameter manholes	EA	3	\$5,000	\$7,000	\$15,000	\$21,000
Street work (bituminous patching)	SY	1,998	\$60	\$75	\$119,880	\$149,850
Traffic Control ^a	LS	1	\$15,000	\$20,000	\$15,000	\$20,000
Bedrock Excavation ^b	CY	215	\$60	\$75	\$12,900	\$16,125
Mobilization	LS	1	\$10,000	\$15,000	\$10,000	\$15,000
Subtotal					\$226,980	\$298,075
+15% Contingency					\$34,047	\$44,711
Grand Total					\$261,027	\$342,786

Item	Units	Qty	Unit Price		Total Price	
			Low End	High End	Low End	High End
36" RCP storm sewer, 10'-12' deep	LF	960	\$65	\$80	\$62,400	\$76,800
5' diameter manholes	EA	3	\$3,000	\$4,500	\$9,000	\$13,500
6' diameter manholes	EA	2	\$5,000	\$7,000	\$10,000	\$14,000
Street work (bituminous patching)	SY	2,219	\$60	\$75	\$133,140	\$166,425
Traffic Control	LS	1	\$15,000	\$20,000	\$15,000	\$20,000
Bedrock Excavation ^b	CY	1,211	\$60	\$75	\$72,660	\$90,825
Mobilization	LS	1	\$10,000	\$15,000	\$10,000	\$15,000
Subtotal					\$312,200	\$396,550
+15% Contingency					\$46,830	\$59,483
Grand Total					\$359,030	\$456,033

Item	Units	Qty	Unit Price		Total Price	
			Low End	High End	Low End	High End
48" RCP storm sewer, 14'-16'	LF	560	\$100	\$125	\$56,000	\$70,000
5' diameter manholes	EA	1	\$3,000	\$4,500	\$3,000	\$4,500
6' diameter manholes	EA	3	\$5,000	\$7,000	\$15,000	\$21,000
Street work (bituminous patching)	SY	1,195	\$60	\$75	\$71,700	\$89,625
Parking lot (bituminous patching)	SY	400	\$40	\$50	\$16,000	\$20,000
Traffic Control	LS	1	\$15,000	\$20,000	\$15,000	\$20,000
Bedrock Excavation ^b	CY	1,494	\$60	\$75	\$89,640	\$112,050
FES, riprap, misc. restoration	LS	1	\$5,000	\$7,000	\$5,000	\$7,000
Mobilization	LS	1	\$10,000	\$15,000	\$10,000	\$15,000
Subtotal					\$281,340	\$359,175
+15% Contingency					\$42,201	\$53,876
Grand Total					\$323,541	\$413,051

NOTES

- a) Assumes a full detour plan for re-routing traffic along Main Street
b) Assumes bedrock starts at depth of 10 feet below grade and follows length and depth of proposed pipe for a uniform width of 10 feet.

Cost Estimate for Construction of ReConfigured Lake George

Item	LOW				HIGH			
	Quantity	Unit	Price	Total	Quantity	Unit	Price	Total
Mobilization	1	LS	\$5,000	\$5,000	1	LS	\$15,000	\$15,000
Erosion/Sed Control								
Floating silt curtain	720	LF	\$15	\$10,800	720	LF	\$25	\$18,000
Misc. temp ESC	1	LS	\$5,000	\$5,000	1	LS	\$10,000	\$10,000
Dewatering	1	LS	\$15,000	\$15,000	1	LS	\$30,000	\$30,000
Cut, fill and place for berms	17,780	CY	\$5	\$88,900	22,225	CY	\$10	\$222,250
Geotextile fabric (Type V)	18,870	SY	\$3	\$47,175	18,870	SY	\$5	\$94,350
Exterior berm protection								
Riprap	3,360	TN	\$40	\$134,400	3,360	TN	\$60	\$201,600
Geotextile (Type IV)	3,550	SY	\$3	\$8,875	3,550	SY	\$5	\$17,750
Live staking	720	LF	\$30	\$21,600	720	LF	\$60	\$43,200
Misc. common excavation	1,000	CY	\$6	\$6,000	1,500	CY	\$10	\$15,000
Restoration	9,250	SY	\$1	\$9,250	9,250	SY	\$3	\$27,750
Topsoil Borrow	500	CY	\$10	\$5,000	1,000	CY	\$15	\$15,000
Overflow structure from river	1	EA	\$15,000	\$15,000	1	EA	\$25,000	\$25,000
Inter-cell flow controls	4	EA	\$7,500	\$30,000	4	EA	\$15,000	\$60,000
Drawdown pipe for 3rd cell	1	EA	\$10,000	\$10,000	1	EA	\$15,000	\$15,000
Subtotal				\$412,000				\$809,900
Contingency @ 25%				\$103,000				\$202,475
Construction				\$515,000				\$1,012,375
Indirect Costs @ 25%				\$128,750				\$253,094
Total Construction Costs				\$643,750				\$1,265,469
Feasibility Study				\$30,000				\$30,000
Permitting				\$20,000				\$20,000
TOTAL				\$693,750				\$1,315,469