

BALLPARK OPINION OF PROBABLE CONSTRUCTION COST
THORP BROOK HEADWATER RESTORATION
EAST THOMPSON POINT ROAD
SWALE IMPROVEMENTS
Charlotte, Vermont
MMI #3452-22
April 8, 2016

Engineering,
Landscape Architecture
and Environmental Science



Item	ITEM/DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST
	LABOR				
	Labor to Restore Site	HR	18	\$35	\$630
	EQUIPMENT				
	Grade Edge of Field (Assume by Landowner)	LS	0	\$0	\$0
	Excavator for 575' Grass Swale, Realign at Corner	HR	15	\$110	\$1,650
	Truck for 575' Grass Swale and Realign at Corner	HR	10	\$80	\$800
	Excavator for 210' Stone Lined Swale, Check Dams	HR	21	\$110	\$2,310
	Truck for 210' Stone Lined Swale, Check Dams	HR	16	\$80	\$1,280
	Excavator to Install Access	HR	4	\$110	\$440
	Truck to Install Access	HR	4	\$80	\$320
	Haul Materials to Site (Pike Industries, 1.5 hr round trip)	HR	38	\$80	\$3,040
	MATERIALS				
	Stone for Stone Lined Swale	TN	256	\$10	\$2,560
	Stone for Stone Check Dams	TN	56	\$10	\$560
	Stone for Access	TN	56	\$10	\$560
	Gravel for Access	TN	32	\$19	\$608
	Pipe Arch Culvert	LS	1	\$1,749	\$1,749
	Seed for Bio-Retention Area and Swale	LS	1	\$75	\$75
	Temporary Erosion Matting	ROLL	16	\$95	\$1,520
	Staples to Install Temporary Erosion Matting	BOX	3	\$66	\$198
	MISCELLANEOUS				
	Engineering Oversight	LS	1	\$1,700	\$1,700
	TOTAL				\$20,000