



Turtle Creek Demonstration Stormwater Wetland
Engineer's Opinion of Probable Construction Cost - Preliminary Concept
August 2023

*Prepared by Sustainable Streams for
 Warren County Engineer and Warren Soil & Water Conservation District*

Item	Total Unit Cost	Units	Quantity	Sub-Total
1 Mobilization	\$ 31,750	LS	1	\$31,750
2 Clearing and Grubbing	\$ 22,100	LS	1	\$22,100
3 Earthwork - Cut and Remain Onsite	\$ 10.40	CY	20,880	\$217,152
4 Harvest and Reuse Logs and Brush as Brush Vanes and Brush Piles	\$ 10,400	LS	1	\$10,400
5 18" RCP Pipe	\$ 195	LF	70	\$13,650
6 4'x4' Box Structure	\$ 6,500	EA	1	\$6,500
7 Headwall	\$ 6,500	EA	1	\$6,500
8 Underdrain Pipe	\$ 31.00	LF	390	\$12,090
9 ODOT Type D Rock (6-in Cobbles)	\$ 97.50	TON	660	\$64,350
10 #57 Stone	\$ 84.50	TON	272	\$22,984
11 Bare Roots	\$ 10.40	EA	106	\$1,102
12 Live Stakes	\$ 15.60	EA	239	\$3,728
13 Native Seed and Mulch	\$ 1.70	SY	27,400	\$46,580
14 Straw Mat	\$ 6.05	SY	260	\$1,573
15 Erosion Control	\$ 13,000	LS	1	\$13,000
16 Site Protection/Restoration	\$ 13,000	LS	1	\$13,000
Total				\$486,460