

Engineer Detailed Cost Project Cost Estimate

TEBBE CIVIL ENGINEERING, LLC
SOUTH METERSHED IMPROVEMENTS - PHASE 1 COST ESTIMATE
VILLAGE OF ASHVILLE, OHIO
CONSTRUCTION COST ESTIMATE & USEFUL LIFE STATEMENT

November 5, 2021
 Project No. 1035

Calculated by: MJM Checked By: CMT

ITEM #	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	COST
201	1	LS	CLEARING AND GRUBBING	\$ 10,000.00	\$ 10,000.00
201	15	EA	TREES AND/OR STUMPS REMOVED (12" TO 24")	\$ 800.00	\$ 12,000.00
201	10	EA	TREES AND/OR STUMPS REMOVED (OVER 24")	\$ 1,500.00	\$ 15,000.00
202	6000	LF	PIPE REMOVED	\$ 15.00	\$ 90,000.00
202	3000	SY	PAVEMENT REMOVED & DISPOSED OF	\$ 10.00	\$ 30,000.00
202	40	EA	MANHOLE OR INLET REMOVED & DISPOSED OF	\$ 300.00	\$ 12,000.00
207	600	FT	PERIMETER FABRIC FENCE	\$ 5.00	\$ 3,000.00
207	40	EA	INLET PROTECTION	\$ 90.00	\$ 3,600.00
207	6000	SY	TEMPORARY SEEDING AND MULCHING	\$ 1.00	\$ 6,000.00
252	900	CY	PERMANENT PAVEMENT REPLACEMENT, TYPE I, AS PER 1441	\$ 85.00	\$ 76,500.00
252	6000	LF	FULL DEPTH PAVEMENT SAWING	\$ 3.00	\$ 18,000.00
252	500	CY	PERMANENT PAVEMENT REPLACEMENT, TYPE IIIC, AS PER 2160	\$ 60.00	\$ 30,000.00
253	3000	SY	TEMPORARY PAVEMENT	\$ 15.00	\$ 45,000.00
452	200	SY	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS C (DRIVEWAYS - COC 2201)	\$70.00	\$14,000.00
452	100	SY	NON-REINFORCED CONCRETE PAVEMENT, CLASS C (ALLEYS - COC 2150, TYPE II)	\$80.00	\$8,000.00
614	1	LS	MAINTAINING TRAFFIC	\$ 20,000.00	\$ 20,000.00
659	6000	SY	SEEDING MULCHING	\$ 3.00	\$ 18,000.00
604	10	EA	SANITARY MANHOLE TYPE "C", AA-S102	\$ 5,000.00	\$ 50,000.00
604	14	EA	STORM MANHOLE	\$ 6,000.00	\$ 84,000.00
604	21	EA	CATCH BASIN	\$ 2,500.00	\$ 52,500.00
604	15	EA	CURB & GUTTER INLET, AA-S126	\$ 3,000.00	\$ 45,000.00
604	1	EA	ENDWALL W/RCP	\$ 30,000.00	\$ 30,000.00
608	1500	SF	CONCRETE WALK	\$ 10.00	\$ 15,000.00
608	32	EA	CURB RAMPS	\$ 1,500.00	\$ 48,000.00
623	1	LS	CONSTRUCTION LAYOUT STAKES	\$ 10,000.00	\$ 10,000.00
624	1	LS	MOBILIZATION	\$ 20,000.00	\$ 20,000.00
630	1	LS	SIGNAGE	\$ 5,000.00	\$ 5,000.00
644	1	LS	STRIPING	\$ 10,000.00	\$ 10,000.00
800	1	LS	WATERLINE RELOCATIONS	\$ 35,000.00	\$ 35,000.00
901	2000	LF	8" SANITARY PIPE	\$ 75.00	\$ 150,000.00
901	44	EA	8"X6" SANITARY WYE	\$ 100.00	\$ 4,400.00
901	1000	LF	6" SANITARY SERVICE	\$ 50.00	\$ 50,000.00
901	2000	LF	12" STORM SEWER (706.01), W/ TYPE 1 BEDDING & ITEM 912 CGB	\$ 75.00	\$ 150,000.00
901	1000	LF	18" STORM SEWER (706.01), W/ TYPE 1 BEDDING & ITEM 912 CGB	\$ 100.00	\$ 100,000.00
901	256	LF	24" STORM SEWER (706.01), W/ TYPE 1 BEDDING & ITEM 912 CGB	\$ 120.00	\$ 30,720.00
901	600	LF	36" STORM SEWER (706.01), W/ TYPE 1 BEDDING & ITEM 912 CGB	\$ 125.00	\$ 75,000.00
901	1270	LF	48" STORM SEWER (706.01), W/ TYPE 1 BEDDING & ITEM 912 CGB	\$ 150.00	\$ 190,500.00
901	352	LF	54" STORM SEWER (706.01), W/ TYPE 1 BEDDING & ITEM 912 CGB	\$ 175.00	\$ 61,600.00
901	575	LF	60" STORM SEWER (706.01), W/ TYPE 1 BEDDING & ITEM 912 CGB	\$ 200.00	\$ 115,000.00

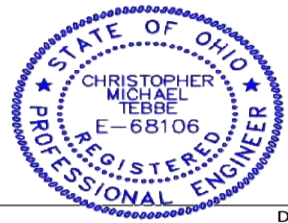
SUBTOTAL	\$ 1,742,820.00
10% CONTINGENCY	\$ 174,282.00
ESTIMATED CONSTRUCTION COST	\$ 1,917,102.00
SURVEY (PHASE 1)	\$ 42,255.00
CCTV (PHASE 1)	\$ 29,440.00
PRELIMINARY ENGINEERING (PHASE 1 & 2)	\$ 75,920.00
FINAL DESIGN (PHASE 1)	\$ 160,520.00
CONSTRUCTION ADMINISTRATION\INSPECTION (5%)	\$ 95,855.10
PROJECT TOTAL	\$ 2,321,092.10

This project has a weighted useful life of 50.0 years as follows:

Sanitary & Storm Sewer & Utilities - 50 years @ 100% of project = 50.0 years

 Total = 50.0 years

By:



5NOV21
Date