



SCHLAGEL ASSOCIATES, P.A.

Engineers, Planners, Surveyors, Landscape Architects

ENGINEER'S OPINION OF PROBABLE COST FOR GENERIC SUBDIVISION QUANTITIES  
WINTERSSET VALLEY 12TH PLAT STREET AND STORM  
August 31, 2018

GENERAL

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	MOBILIZATION	1	L.S.	\$25,000.00	\$25,000.00
2	GRADING CUT	36836	C.Y.	\$4.00	\$147,344.00
3	GRADING FILL	74303	C.Y.	\$8.00	\$594,424.00
4	SEEDING AND SODDING	1	L.S.	\$15,000.00	\$15,000.00
5	EROSION CONTROL	1	L.S.	\$12,000.00	\$12,000.00
6	4' STACKED STONE RETAINING WALL	1188	S.F.	\$25.00	\$29,700.00
7	SIGNAGE AND PAVEMENT MARKING	1	L.S.	\$2,500.00	\$2,500.00
8	BONDS (2% CONSTRUCTION COST)	1	L.S.	\$13,872.78	\$13,872.78

STREETS

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	5' SIDEWALK	2614	L.F.	\$25.00	\$65,350.00
2	TYPE "A" ADA RAMP	4	EA.	\$1,500.00	\$6,000.00
3	TYPE "B" ADA RAMP	1	EA.	\$2,500.00	\$2,500.00
4	TYPE "M" ADA RAMP	2	EA.	\$1,250.00	\$2,500.00
5	2" ASPHALT SURFACE (TYPE 5.01 APWA)	7888	S.Y.	\$11.00	\$86,768.00
6	4" ASPHALT BASE (TYPE 5.01 APWA)	7888	S.Y.	\$16.00	\$126,208.00
7	6" BASE AGGREGATE MODOT TYPE 5	9608	S.Y.	\$7.00	\$67,256.00
8	6" FLY ASH	9608	S.Y.	\$6.00	\$57,648.00
9	CG-1 "DRY" CURB AND GUTTER	127	L.F.	\$15.00	\$1,905.00
10	CG-2 CURB AND GUTTER	5165	L.F.	\$15.00	\$77,475.00
11	SAW CUT EXISTING PAVEMENT	20	L.F.	\$150.00	\$3,000.00

STORM SEWERS

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	15" HDPE	1,015.0	L.F.	\$45.00	\$45,675.00
2	18" HDPE	384.0	L.F.	\$45.00	\$17,280.00
3	24" HDPE	343.0	L.F.	\$45.00	\$15,435.00
4	30" HDPE	196.0	L.F.	\$45.00	\$8,820.00
5	42" HDPE	116.0	L.F.	\$45.00	\$5,220.00
6	15" CMP END SECTION W/ TOE WALL	1.0	EA.	\$400.00	\$400.00
7	42" CMP END SECTION W/ TOE WALL	1.0	EA.	\$800.00	\$800.00
8	6' X 4' CURB INLET	13.0	EA.	\$6,000.00	\$78,000.00
9	4' X 4' AREA INLET	6.0	EA.	\$5,900.00	\$35,400.00
10	4' X 4' JUNCTION BOX	2.0	EA.	\$5,900.00	\$11,800.00
11	5' X 5' JUNCTION BOX	1.0	EA.	\$5,900.00	\$5,900.00
12	D50-15" STONE RIP RAP W FILTER FABRIC	29.0	C.Y.	\$120.00	\$3,480.00
13	AB-3 (STREET CROSSINGS)	474.0	S.Y.	\$20.00	\$9,480.00

TOTAL \$1,574,140.78

Disclaimers:

1 Since Engineer has no control over the cost of labor, materials, or equipment, or over contractor's(s) methods of determining prices, or over competitive bidding or market conditions, the estimate of construction cost and schedule provided for herein is to be made on the basis of Engineer's experience and qualifications and represents Engineer's best judgment as a professional engineer familiar with the construction industry. Engineer cannot and does not guarantee that the bids or the Project construction cost or schedule will not vary from the Engineer's Opinion of Probable Cost and schedule prepared by Engineer.

2 Estimate assumes no rock excavation.