

GRAND & WILLOW BIORETENTION**ENGINEER'S ESTIMATE OF PROBABLE COST**

SMITH LASALLE ENGINEERS - 10/16/2023

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
1	CONCRETE DRIVEWAY/ALLEY PAVEMENT REMOVAL	SQ YD	500	\$20.00	\$10,000.00
2	CONCRETE CURB AND GUTTER REMOVAL	FOOT	100	\$10.00	\$1,000.00
3	REMOVE SEWER	FOOT	1,500	\$20.00	\$30,000.00
4	REMOVE STORM STRUCTURE	EACH	10	\$500.00	\$5,000.00
5	EARTH EXCAVATION, HAUL OFF AND TRENCH BACKFILL (CA-7)	CU YD	2,000	\$100.00	\$200,000.00
6	RETENTION AREA EXCAVATION	CU YD	5,000	\$50.00	\$250,000.00
7	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12	FOOT	100	\$40.00	\$4,000.00
8	AGGREGATE BASE COURSE, TYPE B, 10"	SQ YD	1,600	\$15.00	\$24,000.00
9	AGGREGATE BASE COURSE, TYPE B, 4"	SQ YD	500	\$6.00	\$3,000.00
10	BITUMINOUS MATERIALS (PRIME COAT) 0.40 GAL/SY	GAL	640	\$1.00	\$640.00
11	HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4 IN	TON	360	\$100.00	\$36,000.00
12	HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 IN	TON	180	\$120.00	\$21,600.00
13	PORTLAND CEMENT ALLEY PAVEMENT, 8"	SQ YD	500	\$130.00	\$65,000.00
14	12" RCP STORM SEWER	FOOT	500	\$120.00	\$60,000.00
15	48" RCP STORM SEWER	FOOT	1,000	\$400.00	\$400,000.00
16	48" CATCH BASIN	EACH	10	\$8,000.00	\$80,000.00
17	HYDRODYNAMIC SEPARATOR - 5' DIAMETER	EACH	1	\$10,000.00	\$10,000.00
18	CONCRETE WASHOUT	EACH	1	1500	\$1,500.00
19	SUPPLEMENTAL WATERING	UNIT	15	\$500.00	\$7,500.00
20	INLET FILTERS	EACH	10	\$200.00	\$2,000.00
21	SILT FENCE	FOOT	1,000	\$4.00	\$4,000.00
22	HARDWOOD BARK MULCH, 4"	SQ YD	5,400	\$7.50	\$40,500.00
23	PLANTING MIX (SOIL & COMPOST MIXTURE)	CU YD	1,800	\$150.00	\$270,000.00
24	NATIVE PLANT PLUGS	EACH	20,000	\$10.00	\$200,000.00
25	MOBILIZATION	L. SUM	1	\$10,000.00	\$10,000.00
26	TRAFFIC CONTROL AND PROTECTION, COMPLETE	L. SUM	1	\$5,000.00	\$5,000.00
27	CONSTRUCTION LAYOUT	L. SUM	1	\$5,000.00	\$5,000.00
			SUBTOTAL		\$1,745,740.00
	CONTINGENCY (10%)	L. SUM	1	\$174,574.00	\$174,574.00
			TOTAL		\$1,920,314.00