



VILLAGE OF: Brookfield
 BID DATE AND TIME: Wednesday, March 30, 2022 @ 11:00 AM

PROJECT: 2022 Street Improvements
 ENGINEER'S ESTIMATE OF COST: \$3,065,424.55

No.	Items	Unit	Quantity	Engineers Estimate of Construction Cost		J. Nardulli Concrete, Inc.	
				Unit Price	Total Cost	Unit Price	Total Cost
1	EARTH EXCAVATION	CU YD	290	50.00	14,500.00	47.25	13,702.50
2	SPECIAL EXCAVATION (WIDENING)	CU YD	1150	55.00	63,250.00	40.00	46,000.00
3	UNDERCUT EXCAVATION	CU YD	70	50.00	3,500.00	30.00	2,100.00
4	POROUS GRANULAR EMBANKMENT, 3"	CU YD	70	40.00	2,800.00	30.00	2,100.00
5	EXPLORATORY EXCAVATION	HOUR	7	1,000.00	7,000.00	25.00	175.00
6	COMBINATION CURB AND GUTTER REMOVAL	FOOT	12725	6.00	76,350.00	5.00	63,625.00
7	SIDEWALK REMOVAL	SQ FT	29450	2.00	58,900.00	1.25	36,812.50
8	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1100	15.00	16,500.00	12.75	14,025.00
9	PAVEMENT REMOVAL	SQ YD	5175	15.00	77,625.00	12.75	65,981.25
10	INCIDENTAL HOT-MIX ASPHALT SURFACE REMOVAL	SQ YD	135	25.00	3,375.00	10.00	1,350.00
11	CONCRETE SURFACE REMOVAL	SQ YD	7500	7.00	52,500.00	5.25	39,375.00
12	HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	6375	5.00	31,875.00	4.25	27,093.75
13	HOT-MIX ASPHALT SURFACE REMOVAL- ASPHALT PATCHING	SQ YD	1300	12.00	15,600.00	9.00	11,700.00
14	10" DIAMETER, PVC COMBINED SEWER PIPE REPLACEMENT (0'-25')	FOOT	56	325.00	18,200.00	395.00	22,120.00
15	10" DIAMETER, PVC COMBINED SEWER PIPE REPLACEMENT (26'-60')	FOOT	157	225.00	35,325.00	255.00	40,035.00
16	12" DIAMETER, PVC COMBINED SEWER PIPE REPLACEMENT (0'-25')	FOOT	204	325.00	66,300.00	265.00	54,060.00
17	12" DIAMETER, PVC COMBINED SEWER PIPE REPLACEMENT (26'-60')	FOOT	54	250.00	13,500.00	235.00	12,690.00
18	12" DIAMETER, PVC COMBINED SEWER PIPE REPLACEMENT (208')	FOOT	208	200.00	41,600.00	178.00	37,024.00
19	15" DIAMETER, PVC COMBINED SEWER PIPE REPLACEMENT (0'-25')	FOOT	70	300.00	21,000.00	442.00	30,940.00
20	15" DIAMETER, PVC COMBINED SEWER PIPE REPLACEMENT (26'-60')	FOOT	30	275.00	8,250.00	376.00	11,280.00
21	18" DIAMETER, PVC COMBINED SEWER PIPE REPLACEMENT	FOOT	22	450.00	9,900.00	250.00	5,500.00
22	ADDITIONAL 10" DIAMETER, PVC COMBINED SEWER PIPE REPLACEMENT	FOOT	54	75.00	4,050.00	1.00	54.00
23	ADDITIONAL 12" DIAMETER, PVC COMBINED SEWER PIPE REPLACEMENT	FOOT	126	90.00	11,340.00	1.00	126.00
24	ADDITIONAL 15" DIAMETER, PVC COMBINED SEWER PIPE REPLACEMENT	FOOT	42	100.00	4,200.00	1.00	42.00
25	ADDITIONAL 18" DIAMETER, PVC COMBINED SEWER PIPE REPLACEMENT	FOOT	6	100.00	600.00	1.00	6.00
26	6" DIAMETER, PVC SANITARY SEWER SERVICE PIPE	FOOT	264	50.00	13,200.00	1.00	264.00
27	10" X 6" PVC SEWER SERVICE CONNECTIONS	EACH	12	800.00	9,600.00	900.00	10,800.00
28	12" X 6" PVC SEWER SERVICE CONNECTIONS	EACH	43	1,000.00	43,000.00	1,150.00	49,450.00
29	15" X 6" PVC SEWER SERVICE CONNECTIONS	EACH	11	1,300.00	14,300.00	1,315.00	14,465.00
30	TELEVISED SEWER INSPECTION	FOOT	5951	4.00	23,804.00	3.30	19,638.30
31	8" DIAMETER, PVC STORM SEWER PIPE	FOOT	440	50.00	22,000.00	59.00	25,960.00
32	10" DIAMETER, PVC STORM SEWER PIPE	FOOT	150	60.00	9,000.00	75.00	11,250.00
33	TRENCH BACKFILL	CU YD	1430	42.00	60,060.00	1.00	1,430.00
34	INLET, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	9	1,800.00	16,200.00	1,500.00	13,500.00
35	RESTRICTED DEPTH CATCH BASIN, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	14	4,000.00	56,000.00	4,000.00	56,000.00
36	8" X 4" CATCH BASIN TRAP AND RESTRICTOR	EACH	8	400.00	3,200.00	250.00	2,000.00
37	10"X6" CATCH BASIN TRAP AND RESTRICTOR	EACH	4	450.00	1,800.00	350.00	1,400.00
38	CATCH BASIN RESTRICTOR (SPECIAL)	EACH	1	500.00	500.00	250.00	250.00
39	CATCH BASIN RESTRICTOR (SPECIAL) WITH TRAP	EACH	6	900.00	5,400.00	350.00	2,100.00
40	STANDARD VALVE VAULT, 4' DIAMETER	EACH	3	3,500.00	10,500.00	4,000.00	12,000.00
41	6" DIAMETER, DUCTILE IRON PIPE, CL 52, WATER MAIN	FOOT	50	90.00	4,500.00	25.00	1,250.00
42	8" DIAMETER, DUCTILE IRON PIPE, CL 52, WATER MAIN	FOOT	1150	120.00	138,000.00	122.00	140,300.00
43	12" DIAMETER, DUCTILE IRON PIPE, CL 52, WATER MAIN	FOOT	25	140.00	3,500.00	50.00	1,250.00
44	8" GATE VALVE	EACH	3	2,500.00	7,500.00	4,500.00	13,500.00
45	SPECIAL DUCTILE IRON FITTINGS	LBS	1100	3.00	3,300.00	0.01	11.00
46	RESTRAINED JOINT, 6"	EACH	15	65.00	975.00	150.00	2,250.00
47	RESTRAINED JOINT, 8"	EACH	25	75.00	1,875.00	150.00	3,750.00
48	RESTRAINED JOINT, 12"	EACH	6	100.00	600.00	150.00	900.00
49	SHORT WATER SERVICE & BOX, 1"	EACH	11	2,500.00	27,500.00	2,400.00	26,400.00
50	LONG WATER SERVICE & BOX, 1" (DIRECTIONAL BORE)	EACH	11	4,000.00	44,000.00	2,800.00	30,800.00
51	PRIVATE SIDE WATER SERVICE & CONNECTION (DIRECTIONAL BORE) (30'-40')	EACH	8	7,000.00	56,000.00	3,750.00	30,000.00
52	PRIVATE SIDE WATER SERVICE & CONNECTION (DIRECTIONAL BORE) (50'-60')	EACH	9	7,500.00	67,500.00	3,750.00	33,750.00
53	PRIVATE SIDE WATER SERVICE & CONNECTION (DIRECTIONAL BORE) (110')	EACH	1	8,000.00	8,000.00	3,750.00	3,750.00
54	WATER MAIN CONNECTION AT MAPLE AVENUE	EACH	1	5,000.00	5,000.00	4,500.00	4,500.00
55	WATER MAIN DISCONNECTION AT MAPLE AVENUE	EACH	1	2,000.00	2,000.00	4,500.00	4,500.00
56	WATER MAIN CONNECTION AT PARK AVENUE	EACH	1	4,000.00	4,000.00	6,500.00	6,500.00
57	WATER MAIN DISCONNECTION AT PARK AVENUE	EACH	1	2,000.00	2,000.00	4,500.00	4,500.00
58	WATER MAIN CONNECTION AT FOREST VIEW ROAD	EACH	1	4,000.00	4,000.00	4,500.00	4,500.00
59	WATER MAIN DISCONNECTION AT FOREST VIEW ROAD	EACH	1	2,000.00	2,000.00	4,500.00	4,500.00
60	PRESSURE TESTING AND DISINFECTION	L SUM	1.00	5,000.00	5,000.00	5,000.00	5,000.00
61	RESTRICTED DEPTH SANITARY MANHOLE, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	5,000.00	10,000.00	5,500.00	11,000.00
62	CONNECTION TO EXISTING STRUCTURE	EACH	10	300.00	3,000.00	100.00	1,000.00
63	CONNECTION TO EXISTING STRUCTURE (CORE DRILL)	EACH	9	600.00	5,400.00	100.00	900.00
64	FRAMES AND LIDS TO BE ADJUSTED	EACH	31	400.00	12,400.00	375.00	11,625.00
65	STRUCTURE TO BE RECONSTRUCTED	EACH	8	1,500.00	12,000.00	2,350.00	18,800.00
66	FRAMES AND LIDS	EACH	17	400.00	6,800.00	315.00	5,355.00
67	STRUCTURE TO BE REMOVED	EACH	7	400.00	2,800.00	50.00	350.00
68	WATER SERVICE BOXES AND VALVE BOXES TO BE ADJUSTED	EACH	30	100.00	3,000.00	50.00	1,500.00
69	WATER SERVICE BOX COVER TO BE INSTALLED	EACH	9	700.00	6,300.00	750.00	6,750.00
70	FIRE HYDRANT TO BE REPLACED	EACH	8	8,000.00	64,000.00	7,200.00	57,600.00
71	FIRE HYDRANT TO BE REMOVED	EACH	4	3,500.00	14,000.00	500.00	2,000.00
72	FIRE HYDRANT WITH AUXILIARY VALVE AND BOX	EACH	4	6,500.00	26,000.00	9,500.00	38,000.00
73	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED)	FOOT	12725	22.00	279,950.00	24.00	305,400.00
74	PORTLAND CEMENT CONCRETE SIDEWALK, 5"	SQ FT	28650	6.00	171,900.00	5.85	167,602.50
75	DETECTABLE WARNINGS	SQ FT	560	35.00	19,600.00	30.00	16,800.00
76	RADIAL DETECTABLE WARNINGS	SQ FT	30	45.00	1,350.00	40.00	1,200.00
77	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7"	SQ YD	1100	50.00	55,000.00	67.00	73,700.00
78	PORTLAND CEMENT CONCRETE PAVEMENT, 8"	SQ YD	980	60.00	58,800.00	70.00	68,600.00
79	PROTECTIVE COAT	SQ YD	8350	1.00	8,350.00	0.75	6,262.50
80	PORTLAND CEMENT CONCRETE BASE COURSE, 8"	SQ YD	3990	55.00	219,450.00	58.00	231,420.00
81	DEFORMED TIE BARS	EACH	6625	7.00	46,375.00	8.00	53,000.00
82	AGGREGATE FOR TEMPORARY ACCESS	TON	140	25.00	3,500.00	30.00	4,200.00
83	REMOVE AND RESET BRICK PAVERS	SQ FT	165	15.00	2,475.00	18.25	3,011.25
84	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	35	200.00	7,000.00	175.00	6,125.00
85	GEOGRID	SQ YD	1925	9.00	17,325.00	3.50	6,737.50
86	AGGREGATE BASE COURSE, TYPE B, 6"	SQ YD	1925	6.00	11,550.00	7.25	13,956.25
87	BITUMINOUS MATERIALS (TACK COAT) SS-1	GAL	2850	2.50	7,125.00	0.01	28.50
88	BITUMINOUS MATERIALS (PRIME COAT) PEP	GAL	1050	3.00	3,150.00	0.01	10.50
89	MIXTURE FOR CRACKS, JOINTS AND FLANGWAYS	TON	18	300.00	5,400.00	350.00	6,300.00
90	HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50	TON	525	80.00	42,000.00	82.00	43,050.00
91	LEVELING BINDER (MACHINE METHOD), N50	TON	1035	90.00	93,150.00	85.25	88,233.75
92	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	2295	85.00	195,075.00	85.25	195,648.75
93	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - ASPHALT PATCHING	TON	250	120.00	30,000.00	170.00	42,500.00
94	TOPSOIL PLACEMENT, 3"	SQ YD	9175	4.00	36,700.00	4.00	36,700.00
95	SODDING	SQ YD	9175	6.00	55,050.00	8.00	73,400.00
96	SUPPLEMENTAL WATERING	UNIT	93	50.00	4,650.00	50.00	4,650.00
97	TREE REMOVAL	IN-DIA	28	40.00	1,120.00	95.00	2,660.00
98	TREE TRUNK PROTECTION	EACH	200	80.00	16,000.00	95.00	19,000.00
99	TREE TRUNK PROTECTION (WATER MAIN)	FOOT	300	6.00	1,800.00	3.15	945.00
100	TREE ROOT PRUNING	EACH	126	80.00	10,080.00	105.00	13,230.00
101	MULCH	CU YD	6	75.00	450.00	135.00	810.00
102	INLET FILTERS	EACH	83	125.00	10,375.00	125.00	10,375.00
103	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	850	2.00	1,700.00	2.88	2,448.00
104	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1025	2.00	2,050.00	4.05	4,151.25
105	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	330	6.00	1,980.00	8.45	2,788.50
106	TRAFFIC CONTROL AND PROTECTION	L SUM	1.00	50,000.00	50,000.00	325,265.00	325,265.00
TOTAL AMOUNT OF BID					\$2,970,034.00		\$3,065,424.55