

LAKEWOOD TOWNSHIP MUNICIPAL UTILITIES AUTHORITY			
CONSTRUCTION COST ESTIMATING SCHEDULE			
FOR THE BONDING OF PROPOSED			
WASTE WATER COLLECTION SYSTEMS			
EFFECTIVE : FEBRUARY 4, 2020			
Item	Description	Unit	Unit Price
1	8" SDR-35 0' - 8' Deep	LF	\$49.00
2	8" SDR-35 8' - 10' Deep	LF	\$61.00
3	8" SDR-35 10' - 12' Deep	LF	\$66.00
4	8" SDR-35 12' - 14' Deep	LF	\$76.00
5	8" SDR-35 14' - 16' Deep	LF	\$97.00
6	8" C-900 12' - 14' Deep	LF	\$94.00
7	8" C-900 14' - 16' Deep	LF	\$116.00
8	8" C-900 16' - 18' Deep	LF	\$132.00
9	8" C-900 18' - 20' Deep	LF	\$149.00
10	8" C-900 20' - 22' Deep	LF	\$176.00
11	8" C-900 22' - 24' Deep	LF	\$196.00
12	8" PROTECTO DIP 0' - 8' Deep	LF	\$93.00
13	8" PROTECTO DIP 8' - 10' Deep	LF	\$114.00
14	8" PROTECTO DIP 10' - 12' Deep	LF	\$125.00
15	8" PROTECTO DIP 12' - 14' Deep	LF	\$143.00
16	8" PROTECTO DIP 14' - 16' Deep	LF	\$165.00
17	8" PROTECTO DIP 16' - 18' Deep	LF	\$186.00
18	8" PROTECTO DIP 18' - 20' Deep	LF	\$209.00
19	8" PROTECTO DIP 20' - 22' Deep	LF	\$231.00
20	8" PROTECTO DIP 22' - 24' Deep	LF	\$252.00
21	10" SDR-35 0' - 8' Deep	LF	\$60.00
22	10" SDR-35 8' - 10' Deep	LF	\$71.00
23	10" SDR-35 10' - 12' Deep	LF	\$77.00
24	10" SDR-35 12' - 14' Deep	LF	\$91.00
25	10" SDR-35 14' - 16' Deep	LF	\$112.00
26	10" C-900 12' - 14' Deep	LF	\$108.00
27	10" C-900 14' - 16' Deep	LF	\$135.00
28	10" C-900 16' - 18' Deep	LF	\$151.00
29	10" C-900 18' - 20' Deep	LF	\$170.00
30	10" C-900 20' - 22' Deep	LF	\$198.00
31	10" PROTECTO DIP 0' - 8' Deep	LF	\$110.00
32	10" PROTECTO DIP 8' - 10' Deep	LF	\$137.00
33	10" PROTECTO DIP 10' - 12' Deep	LF	\$148.00
34	10" PROTECTO DIP 12' - 14' Deep	LF	\$169.00
35	10" PROTECTO DIP 14' - 16' Deep	LF	\$192.00
36	10" PROTECTO DIP 16' - 18' Deep	LF	\$215.00
37	10" PROTECTO DIP 18' - 20' Deep	LF	\$239.00
38	10" PROTECTO DIP 20' - 22' Deep	LF	\$263.00
39	12" SDR-35 0' - 8' Deep	LF	\$68.00
40	12" SDR-35 8' - 10' Deep	LF	\$82.00
41	12" SDR-35 10' - 12' Deep	LF	\$90.00
42	12" SDR-35 12' - 14' Deep	LF	\$103.00
43	12" SDR-35 14' - 16' Deep	LF	\$129.00
44	12" C-900 12' - 14' Deep	LF	\$125.00
45	12" C-900 14' - 16' Deep	LF	\$153.00
46	12" C-900 16' - 18' Deep	LF	\$171.00
47	12" C-900 18' - 20' Deep	LF	\$196.00
48	12" C-900 20' - 22' Deep	LF	\$227.00
49	12" PROTECTO DIP 0' - 8' Deep	LF	\$130.00
50	12" PROTECTO DIP 8' - 10' Deep	LF	\$162.00
51	12" PROTECTO DIP 10' - 12' Deep	LF	\$174.00
52	12" PROTECTO DIP 12' - 14' Deep	LF	\$198.00
53	12" PROTECTO DIP 14' - 16' Deep	LF	\$224.00
54	12" PROTECTO DIP 16' - 18' Deep	LF	\$249.00
55	12" PROTECTO DIP 18' - 20' Deep	LF	\$277.00
56	12" PROTECTO DIP 20' - 22' Deep	LF	\$308.00
57	14" C-905 12' - 14' Deep	LF	\$143.00
58	14" C-905 14' - 16' Deep	LF	\$176.00
59	14" C-905 16' - 18' Deep	LF	\$196.00
60	14" C-905 18' - 20' Deep	LF	\$221.00
61	14" C-905 20' - 22' Deep	LF	\$258.00
62	14" PROTECTO DIP 0' - 8' Deep	LF	\$151.00
63	14" PROTECTO DIP 8' - 10' Deep	LF	\$188.00
64	14" PROTECTO DIP 10' - 12' Deep	LF	\$203.00
65	14" PROTECTO DIP 12' - 14' Deep	LF	\$231.00
66	14" PROTECTO DIP 14' - 16' Deep	LF	\$262.00
67	14" PROTECTO DIP 16' - 18' Deep	LF	\$290.00
68	14" PROTECTO DIP 18' - 20' Deep	LF	\$322.00
69	14" PROTECTO DIP 20' - 22' Deep	LF	\$357.00
70	15" SDR-35 0' - 8' Deep	LF	\$77.00
71	15" SDR-35 8' - 10' Deep	LF	\$95.00
72	15" SDR-35 10' - 12' Deep	LF	\$102.00
73	15" SDR-35 12' - 14' Deep	LF	\$118.00
74	15" SDR-35 14' - 16' Deep	LF	\$148.00
75	18" SDR-35 0' - 8' Deep	LF	\$92.00
76	18" SDR-35 8' - 10' Deep	LF	\$110.00
77	18" SDR-35 10' - 12' Deep	LF	\$118.00
78	18" SDR-35 12' - 14' Deep	LF	\$138.00
79	18" SDR-35 14' - 16' Deep	LF	\$172.00
80	18" C-905 12' - 14' Deep	LF	\$181.00
81	18" C-905 14' - 16' Deep	LF	\$224.00

LAKEWOOD TOWNSHIP MUNICIPAL UTILITIES AUTHORITY			
CONSTRUCTION COST ESTIMATING SCHEDULE			
FOR THE BONDING OF PROPOSED			
WASTE WATER COLLECTION SYSTEMS			
EFFECTIVE : FEBRUARY 4, 2020			
Item	Description	Unit	Unit Price
82	18" C-905 16' - 18' Deep	LF	\$249.00
83	18" C-905 18' - 20' Deep	LF	\$283.00
84	18" C-905 20' - 22' Deep	LF	\$330.00
85	18" PROTECTO DIP 0' - 8' Deep	LF	\$196.00
86	18" PROTECTO DIP 8' - 10' Deep	LF	\$244.00
87	18" PROTECTO DIP 10' - 12' Deep	LF	\$262.00
88	18" PROTECTO DIP 12' - 14' Deep	LF	\$297.00
89	18" PROTECTO DIP 14' - 16' Deep	LF	\$339.00
90	18" PROTECTO DIP 16' - 18' Deep	LF	\$376.00
91	18" PROTECTO DIP 18' - 20' Deep	LF	\$417.00
92	18" PROTECTO DIP 20' - 22' Deep	LF	\$464.00
93	20" C-905 12' - 14' Deep	LF	\$198.00
94	20" C-905 14' - 16' Deep	LF	\$244.00
95	20" C-905 16' - 18' Deep	LF	\$271.00
96	20" C-905 18' - 20' Deep	LF	\$308.00
97	20" C-905 20' - 22' Deep	LF	\$351.00
98	20" PROTECTO DIP 0' - 8' Deep	LF	\$225.00
99	20" PROTECTO DIP 8' - 10' Deep	LF	\$281.00
100	20" PROTECTO DIP 10' - 12' Deep	LF	\$303.00
101	20" PROTECTO DIP 12' - 14' Deep	LF	\$343.00
102	20" PROTECTO DIP 14' - 16' Deep	LF	\$389.00
103	20" PROTECTO DIP 16' - 18' Deep	LF	\$433.00
104	20" PROTECTO DIP 18' - 20' Deep	LF	\$481.00
105	20" PROTECTO DIP 20' - 22' Deep	LF	\$534.00
106	21" SDR-35 0' - 8' Deep	LF	\$100.00
107	21" SDR-35 8' - 10' Deep	LF	\$121.00
108	21" SDR-35 10' - 12' Deep	LF	\$130.00
109	21" SDR-35 12' - 14' Deep	LF	\$150.00
110	21" SDR-35 14' - 16' Deep	LF	\$186.00
111	Shallow Manhole 0' - 6.5' Deep	EACH	\$7,312.00
112	Standard Manhole 6.5' - 8' Deep	EACH	\$4,299.00
113	Standard Manhole 8' - 10' Deep	EACH	\$4,687.00
114	Standard Manhole 10' - 12' Deep	EACH	\$5,080.00
115	Standard Manhole 12' - 14' Deep	EACH	\$5,665.00
116	Standard Manhole 14' - 16' Deep	EACH	\$6,056.00
117	Standard Manhole 16' - 18' Deep	EACH	\$7,032.00
118	Standard Manhole 18' - 20' Deep	EACH	\$8,106.00
119	By Pass Pumping	Day	\$8,986.00
120	Manhole Platform	EACH	\$8,986.00
121	Drop (wide) MH 0' - 8' Deep	EACH	\$9,765.00
122	Drop (wide) MH 8' - 10' Deep	EACH	\$10,355.00
123	Drop (wide) MH 10' - 12' Deep	EACH	\$10,942.00
124	Drop (wide) MH 12' - 14' Deep	EACH	\$11,524.00
125	Drop (wide) MH 14' - 16' Deep	EACH	\$12,109.00
126	Drop (wide) MH 16' - 18' Deep	EACH	\$12,702.00
127	Drop (wide) MH 18' - 20' Deep	EACH	\$14,107.00
128	Manhole Drop	VF	\$428.00
129	Connection to Existing Manhole	EACH	\$7,032.00
130	Wellpoint Dewatering 0'-12'	LF	\$60.00
131	Wellpoint Dewatering 12'-18'	LF	\$81.00
132	Deepwell Dewatering	LF	\$130.00
133	4" Force Main	LF	\$40.00
134	6" Force Main	LF	\$44.00
135	8" Force Main	LF	\$61.00
136	10" Force Main	LF	\$71.00
137	Jack & Bore Depths less than 10' Deep	LF	\$582.00
138	Jack & Bore Depths 10' Deep & Greater	LF	\$1,165.00
139	Standard House Connection	EACH	\$1,221.00
140	Deep House Connection	EACH	\$1,614.00
141	House Connection Excess of 30 Feet	LF	\$72.00
142	Stone Bedding	CY	\$61.00
143	Concrete Cradle	EACH	\$3,855.00
144	Municipal Road Restoration	SY	\$99.00
145	County Road Restoration	SY	\$133.00
146	Mill and Resurface Roadway (2" Thick)	SY	\$31.00
147	Concrete Sidewalk Restoration	SF	\$8.25
148	Concrete Pad/Pavement Restoration	CF	\$28.00
149	Traffic Control Devices	EACH	\$4,522.00
150	Traffic Control Personnel	Hr	\$117.00
151	Seed, Fertilizer, & Mulch	SY	\$15.50
152	Clearing & Grubbing over 1 Acre	AC	\$16,333.00
153	Clearing & Grubbing under 1 Acre	SY	\$7.75
154	Engineering & Stakeout	LF	\$7.00
155	As-Built	LF	\$6.00

LAKEWOOD TOWNSHIP MUNICIPAL UTILITIES AUTHORITY
ABANDONMENT COST ESTIMATING SCHEDULE
FOR THE BONDING OF PROPOSED
WASTE WATER COLLECTION SYSTEMS

EFFECTIVE : FEBRUARY 4, 2020

Item	Description	Unit	Unit Price
1	4" thru 24" Pipe (abandoned in place)	LF	\$5.75
2	4" thru 8" PVC (Removed)	LF	\$14.00
3	10" PVC (Removed)	LF	\$20.00
4	12" PVC (Removed)	LF	\$29.00
5	15" PVC (Removed)	LF	\$31.00
6	18" PVC (Removed)	LF	\$39.00
7	21" PVC (Removed)	LF	\$42.00
8	24" PVC (Removed)	LF	\$45.00
9	Compaction W/O cert	VF X LF	\$2.75
10	Compaction @ 95%	VF X LF	\$4.50
11	Manhole 0' - 10' Deep (Abandoned In Place)	EACH	\$1,719.00
12	Manhole 10' - 16' Deep (Abandoned In Place)	EACH	\$2,639.00
13	Manhole 16' - 20' Deep (Abandoned In Place)	EACH	\$3,420.00
14	Manhole 0' - 8' Deep (Removed)	EACH	\$2,639.00
15	Manhole 8' - 10' Deep (Removed)	EACH	\$3,030.00
16	Manhole 10' - 12' Deep (Removed)	EACH	\$3,420.00
17	Manhole 12' - 14' Deep (Removed)	EACH	\$3,910.00
18	Manhole 14' - 16' Deep (Removed)	EACH	\$4,687.00
19	Manhole 16' - 18' Deep (Removed)	EACH	\$5,374.00
20	Manhole 18' - 20' Deep (Removed)	EACH	\$6,056.00
21	Drop Manhole (Add)	EACH	\$860.00
22	By Pass Pumping	Day	\$8,986.00
23	Manhole Platform	EACH	\$975.00
24	Wellpoint Dewatering 0'-12'	LF	\$60.00
25	Wellpoint Dewatering 12'-18'	LF	\$81.00
26	Deepwell Dewatering	LF	\$130.00
27	4" & 6" Force Main DIP (Removed)	LF	\$20.00
28	8" & 10" Force Main DIP (Removed)	LF	\$27.00
29	4" & 6" ACP (Removed)	LF	\$66.00
30	8" & 10" ACP (Removed)	LF	\$81.00
31	12" & 14" ACP (Removed)	LF	\$94.00
32	Standard House Connection (Removed)	EACH	\$1,249.00
33	Deep House Connection (Removed)	EACH	\$1,681.00
34	House Connection > 30 Feet (Removed)	LF	\$29.00
35	Standard House Connection (Abandoned)	EACH	\$254.00
36	Deep House Connection (Abandoned)	EACH	\$428.00
37	Stone Bedding	CY	\$61.00
38	Municipal Road Restoration	SY	\$99.00
39	County Road Restoration	SY	\$133.00
40	Mill and Resurface Roadway (2" Thick)	SY	\$31.00
41	Concrete Sidewalk Restoration	SF	\$8.25
42	Concrete Pad/Pavement Restoration	CF	\$28.00
43	Traffic Control Devices	EACH	\$4,522.00
44	Traffic Control Personnel	Hr	\$117.00
45	Seed, Fertilizer, & Mulch	SY	\$15.50
46	Clearing & Grubbing over 1 Acre	AC	\$16,333.00
47	Clearing & Grubbing under 1 Acre	SY	\$7.75
48	Engineering & Stakeout	LF	\$7.00
49	As-Built	LF	\$6.00