

| LAKEWOOD TOWNSHIP MUNICIPAL UTILITIES AUTHORITY | | | |
|---|---------------------------------|------|------------|
| CONSTRUCTION COST ESTIMATING SCHEDULE | | | |
| FOR THE BONDING OF PROPOSED | | | |
| WASTE WATER COLLECTION SYSTEMS | | | |
| EFFECTIVE : FEBRUARY 6, 2018 | | | |
| Item | Description | Unit | Unit Price |
| 1 | 8" SDR-35 0' - 8' Deep | LF | \$47.00 |
| 2 | 8" SDR-35 8' - 10' Deep | LF | \$57.00 |
| 3 | 8" SDR-35 10' - 12' Deep | LF | \$62.00 |
| 4 | 8" SDR-35 12' - 14' Deep | LF | \$72.00 |
| 5 | 8" SDR-35 14' - 16' Deep | LF | \$91.00 |
| 6 | 8" C-900 12' - 14' Deep | LF | \$88.00 |
| 7 | 8" C-900 14' - 16' Deep | LF | \$110.00 |
| 8 | 8" C-900 16' - 18' Deep | LF | \$124.00 |
| 9 | 8" C-900 18' - 20' Deep | LF | \$141.00 |
| 10 | 8" C-900 20' - 22' Deep | LF | \$166.00 |
| 11 | 8" C-900 22' - 24' Deep | LF | \$184.00 |
| 12 | 8" PROTECTO DIP 0' - 8' Deep | LF | \$87.00 |
| 13 | 8" PROTECTO DIP 8' - 10' Deep | LF | \$108.00 |
| 14 | 8" PROTECTO DIP 10' - 12' Deep | LF | \$117.00 |
| 15 | 8" PROTECTO DIP 12' - 14' Deep | LF | \$135.00 |
| 16 | 8" PROTECTO DIP 14' - 16' Deep | LF | \$155.00 |
| 17 | 8" PROTECTO DIP 16' - 18' Deep | LF | \$176.00 |
| 18 | 8" PROTECTO DIP 18' - 20' Deep | LF | \$197.00 |
| 19 | 8" PROTECTO DIP 20' - 22' Deep | LF | \$217.00 |
| 20 | 8" PROTECTO DIP 22' - 24' Deep | LF | \$238.00 |
| 21 | 10" SDR-35 0' - 8' Deep | LF | \$56.00 |
| 22 | 10" SDR-35 8' - 10' Deep | LF | \$67.00 |
| 23 | 10" SDR-35 10' - 12' Deep | LF | \$73.00 |
| 24 | 10" SDR-35 12' - 14' Deep | LF | \$85.00 |
| 25 | 10" SDR-35 14' - 16' Deep | LF | \$106.00 |
| 26 | 10" C-900 12' - 14' Deep | LF | \$102.00 |
| 27 | 10" C-900 14' - 16' Deep | LF | \$127.00 |
| 28 | 10" C-900 16' - 18' Deep | LF | \$143.00 |
| 29 | 10" C-900 18' - 20' Deep | LF | \$160.00 |
| 30 | 10" C-900 20' - 22' Deep | LF | \$186.00 |
| 31 | 10" PROTECTO DIP 0' - 8' Deep | LF | \$104.00 |
| 32 | 10" PROTECTO DIP 8' - 10' Deep | LF | \$129.00 |
| 33 | 10" PROTECTO DIP 10' - 12' Deep | LF | \$140.00 |
| 34 | 10" PROTECTO DIP 12' - 14' Deep | LF | \$159.00 |
| 35 | 10" PROTECTO DIP 14' - 16' Deep | LF | \$181.00 |
| 36 | 10" PROTECTO DIP 16' - 18' Deep | LF | \$203.00 |
| 37 | 10" PROTECTO DIP 18' - 20' Deep | LF | \$225.00 |
| 38 | 10" PROTECTO DIP 20' - 22' Deep | LF | \$248.00 |
| 39 | 12" SDR-35 0' - 8' Deep | LF | \$64.00 |
| 40 | 12" SDR-35 8' - 10' Deep | LF | \$78.00 |
| 41 | 12" SDR-35 10' - 12' Deep | LF | \$84.00 |
| 42 | 12" SDR-35 12' - 14' Deep | LF | \$97.00 |
| 43 | 12" SDR-35 14' - 16' Deep | LF | \$121.00 |
| 44 | 12" C-900 12' - 14' Deep | LF | \$117.00 |
| 45 | 12" C-900 14' - 16' Deep | LF | \$145.00 |
| 46 | 12" C-900 16' - 18' Deep | LF | \$161.00 |
| 47 | 12" C-900 18' - 20' Deep | LF | \$184.00 |
| 48 | 12" C-900 20' - 22' Deep | LF | \$214.00 |
| 49 | 12" PROTECTO DIP 0' - 8' Deep | LF | \$122.00 |
| 50 | 12" PROTECTO DIP 8' - 10' Deep | LF | \$152.00 |
| 51 | 12" PROTECTO DIP 10' - 12' Deep | LF | \$164.00 |
| 52 | 12" PROTECTO DIP 12' - 14' Deep | LF | \$186.00 |
| 53 | 12" PROTECTO DIP 14' - 16' Deep | LF | \$211.00 |
| 54 | 12" PROTECTO DIP 16' - 18' Deep | LF | \$235.00 |
| 55 | 12" PROTECTO DIP 18' - 20' Deep | LF | \$261.00 |
| 56 | 12" PROTECTO DIP 20' - 22' Deep | LF | \$290.00 |
| 57 | 14" C-905 12' - 14' Deep | LF | \$135.00 |
| 58 | 14" C-905 14' - 16' Deep | LF | \$166.00 |
| 59 | 14" C-905 16' - 18' Deep | LF | \$184.00 |
| 60 | 14" C-905 18' - 20' Deep | LF | \$209.00 |
| 61 | 14" C-905 20' - 22' Deep | LF | \$243.00 |
| 62 | 14" PROTECTO DIP 0' - 8' Deep | LF | \$143.00 |
| 63 | 14" PROTECTO DIP 8' - 10' Deep | LF | \$178.00 |
| 64 | 14" PROTECTO DIP 10' - 12' Deep | LF | \$191.00 |
| 65 | 14" PROTECTO DIP 12' - 14' Deep | LF | \$217.00 |
| 66 | 14" PROTECTO DIP 14' - 16' Deep | LF | \$247.00 |
| 67 | 14" PROTECTO DIP 16' - 18' Deep | LF | \$274.00 |
| 68 | 14" PROTECTO DIP 18' - 20' Deep | LF | \$304.00 |
| 69 | 14" PROTECTO DIP 20' - 22' Deep | LF | \$337.00 |
| 70 | 15" SDR-35 0' - 8' Deep | LF | \$73.00 |
| 71 | 15" SDR-35 8' - 10' Deep | LF | \$89.00 |
| 72 | 15" SDR-35 10' - 12' Deep | LF | \$96.00 |
| 73 | 15" SDR-35 12' - 14' Deep | LF | \$112.00 |
| 74 | 15" SDR-35 14' - 16' Deep | LF | \$140.00 |
| 75 | 18" SDR-35 0' - 8' Deep | LF | \$86.00 |
| 76 | 18" SDR-35 8' - 10' Deep | LF | \$104.00 |
| 77 | 18" SDR-35 10' - 12' Deep | LF | \$112.00 |
| 78 | 18" SDR-35 12' - 14' Deep | LF | \$130.00 |
| 79 | 18" SDR-35 14' - 16' Deep | LF | \$162.00 |
| 80 | 18" C-905 12' - 14' Deep | LF | \$171.00 |
| 81 | 18" C-905 14' - 16' Deep | LF | \$211.00 |

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| WASTE WATER COLLECTION SYSTEMS | | | |
| EFFECTIVE : FEBRUARY 6, 2018 | | | |
| Item | Description | Unit | Unit Price |
| 82 | 18" C-905 16' - 18' Deep | LF | \$235.00 |
| 83 | 18" C-905 18' - 20' Deep | LF | \$267.00 |
| 84 | 18" C-905 20' - 22' Deep | LF | \$311.00 |
| 85 | 18" PROTECTO DIP 0' - 8' Deep | LF | \$184.00 |
| 86 | 18" PROTECTO DIP 8' - 10' Deep | LF | \$230.00 |
| 87 | 18" PROTECTO DIP 10' - 12' Deep | LF | \$247.00 |
| 88 | 18" PROTECTO DIP 12' - 14' Deep | LF | \$280.00 |
| 89 | 18" PROTECTO DIP 14' - 16' Deep | LF | \$319.00 |
| 90 | 18" PROTECTO DIP 16' - 18' Deep | LF | \$354.00 |
| 91 | 18" PROTECTO DIP 18' - 20' Deep | LF | \$393.00 |
| 92 | 18" PROTECTO DIP 20' - 22' Deep | LF | \$437.00 |
| 93 | 20" C-905 12' - 14' Deep | LF | \$186.00 |
| 94 | 20" C-905 14' - 16' Deep | LF | \$230.00 |
| 95 | 20" C-905 16' - 18' Deep | LF | \$255.00 |
| 96 | 20" C-905 18' - 20' Deep | LF | \$290.00 |
| 97 | 20" C-905 20' - 22' Deep | LF | \$331.00 |
| 98 | 20" PROTECTO DIP 0' - 8' Deep | LF | \$212.00 |
| 99 | 20" PROTECTO DIP 8' - 10' Deep | LF | \$265.00 |
| 100 | 20" PROTECTO DIP 10' - 12' Deep | LF | \$285.00 |
| 101 | 20" PROTECTO DIP 12' - 14' Deep | LF | \$323.00 |
| 102 | 20" PROTECTO DIP 14' - 16' Deep | LF | \$367.00 |
| 103 | 20" PROTECTO DIP 16' - 18' Deep | LF | \$408.00 |
| 104 | 20" PROTECTO DIP 18' - 20' Deep | LF | \$453.00 |
| 105 | 20" PROTECTO DIP 20' - 22' Deep | LF | \$503.00 |
| 106 | 21" SDR-35 0' - 8' Deep | LF | \$94.00 |
| 107 | 21" SDR-35 8' - 10' Deep | LF | \$114.00 |
| 108 | 21" SDR-35 10' - 12' Deep | LF | \$122.00 |
| 109 | 21" SDR-35 12' - 14' Deep | LF | \$142.00 |
| 110 | 21" SDR-35 14' - 16' Deep | LF | \$176.00 |
| 111 | Shallow Manhole 0' - 6.5' Deep | EACH | \$6,892.00 |
| 112 | Standard Manhole 6.5' - 8' Deep | EACH | \$4,052.00 |
| 113 | Standard Manhole 8' - 10' Deep | EACH | \$4,417.00 |
| 114 | Standard Manhole 10' - 12' Deep | EACH | \$4,788.00 |
| 115 | Standard Manhole 12' - 14' Deep | EACH | \$5,340.00 |
| 116 | Standard Manhole 14' - 16' Deep | EACH | \$5,709.00 |
| 117 | Standard Manhole 16' - 18' Deep | EACH | \$6,628.00 |
| 118 | Standard Manhole 18' - 20' Deep | EACH | \$7,641.00 |
| 119 | By Pass Pumping | Day | \$8,470.00 |
| 120 | Manhole Platform | EACH | \$8,470.00 |
| 121 | Drop (wide) MH 0' - 8' Deep | EACH | \$9,205.00 |
| 122 | Drop (wide) MH 8' - 10' Deep | EACH | \$9,760.00 |
| 123 | Drop (wide) MH 10' - 12' Deep | EACH | \$10,314.00 |
| 124 | Drop (wide) MH 12' - 14' Deep | EACH | \$10,862.00 |
| 125 | Drop (wide) MH 14' - 16' Deep | EACH | \$11,414.00 |
| 126 | Drop (wide) MH 16' - 18' Deep | EACH | \$11,973.00 |
| 127 | Drop (wide) MH 18' - 20' Deep | EACH | \$13,297.00 |
| 128 | Manhole Drop | VF | \$404.00 |
| 129 | Connection to Existing Manhole | EACH | \$6,628.00 |
| 130 | Wellpoint Dewatering 0'-12' | LF | \$56.00 |
| 131 | Wellpoint Dewatering 12'-18' | LF | \$77.00 |
| 132 | Deepwell Dewatering | LF | \$122.00 |
| 133 | 4" Force Main | LF | \$38.00 |
| 134 | 6" Force Main | LF | \$42.00 |
| 135 | 8" Force Main | LF | \$57.00 |
| 136 | 10" Force Main | LF | \$67.00 |
| 137 | Jack & Bore Depths less than 10' Deep | LF | \$549.00 |
| 138 | Jack & Bore Depths 10' Deep & Greater | LF | \$1,098.00 |
| 139 | Standard House Connection | EACH | \$1,150.00 |
| 140 | Deep House Connection | EACH | \$1,521.00 |
| 141 | House Connection Excess of 30 Feet | LF | \$68.00 |
| 142 | Stone Bedding | CY | \$57.00 |
| 143 | Concrete Cradle | EACH | \$3,634.00 |
| 144 | Municipal Road Restoration | SY | \$93.00 |
| 145 | County Road Restoration | SY | \$125.00 |
| 146 | Concrete Sidewalk Restoration | SF | \$7.50 |
| 147 | Concrete Pad/Pavement Restoration | CF | \$26.00 |
| 148 | Traffic Control Devices | EACH | \$4,262.00 |
| 149 | Traffic Control Personel | Hr | \$111.00 |
| 150 | Seed, Fertilizer, & Mulch | SY | \$14.50 |
| 151 | Clearing & Grubbing over 1 Acre | AC | \$15,395.00 |
| 152 | Clearing & Grubbing under 1 Acre | SY | \$7.25 |
| 153 | Engineering & Stakeout | LF | \$6.75 |
| 154 | As-Built | LF | \$5.75 |