

**STANDARD DESIGN
TRENCH BACKFILL AND BEDDING
FOR
SANITARY SEWERS, STORM SEWERS
& WATERMANS
TABLE 1**

| INSIDE DIAMETER OF CONDUIT IN INCHES "D" | MAXIMUM TRENCH WIDTH IN FEET FOR PAYMENT | FINAL BACKFILL CY \ FOOT PER FOOT OF DEPTH WHERE ELIGIBLE FOR PAYMENT | PERMANENT PAVEMENT REMOVAL AND REPLACEMENT SY \ FOOT |
|------------------------------------------------|------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------|
| 6 | 3.58 | 0.13 | 0.62 |
| 8 | 3.78 | 0.14 | 0.64 |
| 10 | 3.97 | 0.15 | 0.66 |
| 12 | 4.17 | 0.15 | 0.69 |
| 14 | 4.36 | 0.16 | 0.71 |
| 15 | 4.46 | 0.17 | 0.72 |
| 16 | 4.56 | 0.17 | 0.73 |
| 18 | 4.75 | 0.18 | 0.75 |
| 20 | 4.94 | 0.18 | 0.77 |
| 21 | 5.04 | 0.19 | 0.78 |
| 24 | 5.33 | 0.20 | 0.81 |
| 27 | 5.63 | 0.21 | 0.85 |
| 28 | 5.72 | 0.21 | 0.86 |
| 30 | 5.92 | 0.22 | 0.88 |
| 33 | 6.21 | 0.23 | 0.91 |
| 36 | 6.50 | 0.24 | 0.94 |
| 42 | 7.08 | 0.26 | 1.01 |
| 48 | 7.67 | 0.28 | 1.07 |
| 54 | 8.25 | 0.31 | 1.14 |
| 60 | 8.83 | 0.33 | 1.20 |
| 66 | 9.42 | 0.35 | 1.27 |
| 72 | 10.00 | 0.37 | 1.33 |
| 78 | 10.58 | 0.39 | 1.40 |
| 84 | 11.17 | 0.41 | 1.46 |
| 90 | 11.75 | 0.44 | 1.53 |
| 96 | 12.33 | 0.46 | 1.59 |
| 102 | 12.92 | 0.48 | 1.66 |
| 108 | 13.50 | 0.50 | 1.72 |
| 120 | 14.67 | 0.54 | 1.85 |

CITY OF DECATUR, ILLINOIS
DEPARTMENT OF ENGINEERING
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