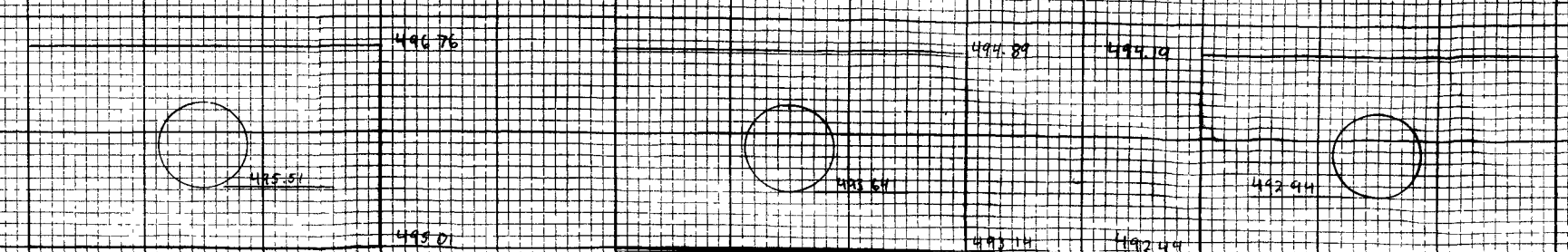


EXISTING VALVE COVER

EXISTING ROADWAY STA. MARKS



LENGTH TABLE

| STA  | AREA | DIS  | WGT   |
|------|------|------|-------|
| 0104 | 1.57 | 0    | 0.00  |
| 0111 | 1.57 | 7    | 0.11  |
| 0118 | 1.57 | 14   | 0.22  |
| 0125 | 1.57 | 21   | 0.33  |
| 0132 | 1.57 | 28   | 0.44  |
| 0139 | 1.57 | 35   | 0.55  |
| 0146 | 1.57 | 42   | 0.66  |
| 0153 | 1.57 | 49   | 0.77  |
| 0160 | 1.57 | 56   | 0.88  |
| 0167 | 1.57 | 63   | 0.99  |
| 0174 | 1.57 | 70   | 1.10  |
| 0181 | 1.57 | 77   | 1.21  |
| 0188 | 1.57 | 84   | 1.32  |
| 0195 | 1.57 | 91   | 1.43  |
| 0202 | 1.57 | 98   | 1.54  |
| 0209 | 1.57 | 105  | 1.65  |
| 0216 | 1.57 | 112  | 1.76  |
| 0223 | 1.57 | 119  | 1.87  |
| 0230 | 1.57 | 126  | 1.98  |
| 0237 | 1.57 | 133  | 2.09  |
| 0244 | 1.57 | 140  | 2.20  |
| 0251 | 1.57 | 147  | 2.31  |
| 0258 | 1.57 | 154  | 2.42  |
| 0265 | 1.57 | 161  | 2.53  |
| 0272 | 1.57 | 168  | 2.64  |
| 0279 | 1.57 | 175  | 2.75  |
| 0286 | 1.57 | 182  | 2.86  |
| 0293 | 1.57 | 189  | 2.97  |
| 0300 | 1.57 | 196  | 3.08  |
| 0307 | 1.57 | 203  | 3.19  |
| 0314 | 1.57 | 210  | 3.30  |
| 0321 | 1.57 | 217  | 3.41  |
| 0328 | 1.57 | 224  | 3.52  |
| 0335 | 1.57 | 231  | 3.63  |
| 0342 | 1.57 | 238  | 3.74  |
| 0349 | 1.57 | 245  | 3.85  |
| 0356 | 1.57 | 252  | 3.96  |
| 0363 | 1.57 | 259  | 4.07  |
| 0370 | 1.57 | 266  | 4.18  |
| 0377 | 1.57 | 273  | 4.29  |
| 0384 | 1.57 | 280  | 4.40  |
| 0391 | 1.57 | 287  | 4.51  |
| 0398 | 1.57 | 294  | 4.62  |
| 0405 | 1.57 | 301  | 4.73  |
| 0412 | 1.57 | 308  | 4.84  |
| 0419 | 1.57 | 315  | 4.95  |
| 0426 | 1.57 | 322  | 5.06  |
| 0433 | 1.57 | 329  | 5.17  |
| 0440 | 1.57 | 336  | 5.28  |
| 0447 | 1.57 | 343  | 5.39  |
| 0454 | 1.57 | 350  | 5.50  |
| 0461 | 1.57 | 357  | 5.61  |
| 0468 | 1.57 | 364  | 5.72  |
| 0475 | 1.57 | 371  | 5.83  |
| 0482 | 1.57 | 378  | 5.94  |
| 0489 | 1.57 | 385  | 6.05  |
| 0496 | 1.57 | 392  | 6.16  |
| 0503 | 1.57 | 399  | 6.27  |
| 0510 | 1.57 | 406  | 6.38  |
| 0517 | 1.57 | 413  | 6.49  |
| 0524 | 1.57 | 420  | 6.60  |
| 0531 | 1.57 | 427  | 6.71  |
| 0538 | 1.57 | 434  | 6.82  |
| 0545 | 1.57 | 441  | 6.93  |
| 0552 | 1.57 | 448  | 7.04  |
| 0559 | 1.57 | 455  | 7.15  |
| 0566 | 1.57 | 462  | 7.26  |
| 0573 | 1.57 | 469  | 7.37  |
| 0580 | 1.57 | 476  | 7.48  |
| 0587 | 1.57 | 483  | 7.59  |
| 0594 | 1.57 | 490  | 7.70  |
| 0601 | 1.57 | 497  | 7.81  |
| 0608 | 1.57 | 504  | 7.92  |
| 0615 | 1.57 | 511  | 8.03  |
| 0622 | 1.57 | 518  | 8.14  |
| 0629 | 1.57 | 525  | 8.25  |
| 0636 | 1.57 | 532  | 8.36  |
| 0643 | 1.57 | 539  | 8.47  |
| 0650 | 1.57 | 546  | 8.58  |
| 0657 | 1.57 | 553  | 8.69  |
| 0664 | 1.57 | 560  | 8.80  |
| 0671 | 1.57 | 567  | 8.91  |
| 0678 | 1.57 | 574  | 9.02  |
| 0685 | 1.57 | 581  | 9.13  |
| 0692 | 1.57 | 588  | 9.24  |
| 0699 | 1.57 | 595  | 9.35  |
| 0706 | 1.57 | 602  | 9.46  |
| 0713 | 1.57 | 609  | 9.57  |
| 0720 | 1.57 | 616  | 9.68  |
| 0727 | 1.57 | 623  | 9.79  |
| 0734 | 1.57 | 630  | 9.90  |
| 0741 | 1.57 | 637  | 10.01 |
| 0748 | 1.57 | 644  | 10.12 |
| 0755 | 1.57 | 651  | 10.23 |
| 0762 | 1.57 | 658  | 10.34 |
| 0769 | 1.57 | 665  | 10.45 |
| 0776 | 1.57 | 672  | 10.56 |
| 0783 | 1.57 | 679  | 10.67 |
| 0790 | 1.57 | 686  | 10.78 |
| 0797 | 1.57 | 693  | 10.89 |
| 0804 | 1.57 | 700  | 11.00 |
| 0811 | 1.57 | 707  | 11.11 |
| 0818 | 1.57 | 714  | 11.22 |
| 0825 | 1.57 | 721  | 11.33 |
| 0832 | 1.57 | 728  | 11.44 |
| 0839 | 1.57 | 735  | 11.55 |
| 0846 | 1.57 | 742  | 11.66 |
| 0853 | 1.57 | 749  | 11.77 |
| 0860 | 1.57 | 756  | 11.88 |
| 0867 | 1.57 | 763  | 11.99 |
| 0874 | 1.57 | 770  | 12.10 |
| 0881 | 1.57 | 777  | 12.21 |
| 0888 | 1.57 | 784  | 12.32 |
| 0895 | 1.57 | 791  | 12.43 |
| 0902 | 1.57 | 798  | 12.54 |
| 0909 | 1.57 | 805  | 12.65 |
| 0916 | 1.57 | 812  | 12.76 |
| 0923 | 1.57 | 819  | 12.87 |
| 0930 | 1.57 | 826  | 12.98 |
| 0937 | 1.57 | 833  | 13.09 |
| 0944 | 1.57 | 840  | 13.20 |
| 0951 | 1.57 | 847  | 13.31 |
| 0958 | 1.57 | 854  | 13.42 |
| 0965 | 1.57 | 861  | 13.53 |
| 0972 | 1.57 | 868  | 13.64 |
| 0979 | 1.57 | 875  | 13.75 |
| 0986 | 1.57 | 882  | 13.86 |
| 0993 | 1.57 | 889  | 13.97 |
| 1000 | 1.57 | 896  | 14.08 |
| 1007 | 1.57 | 903  | 14.19 |
| 1014 | 1.57 | 910  | 14.30 |
| 1021 | 1.57 | 917  | 14.41 |
| 1028 | 1.57 | 924  | 14.52 |
| 1035 | 1.57 | 931  | 14.63 |
| 1042 | 1.57 | 938  | 14.74 |
| 1049 | 1.57 | 945  | 14.85 |
| 1056 | 1.57 | 952  | 14.96 |
| 1063 | 1.57 | 959  | 15.07 |
| 1070 | 1.57 | 966  | 15.18 |
| 1077 | 1.57 | 973  | 15.29 |
| 1084 | 1.57 | 980  | 15.40 |
| 1091 | 1.57 | 987  | 15.51 |
| 1098 | 1.57 | 994  | 15.62 |
| 1105 | 1.57 | 1001 | 15.73 |
| 1112 | 1.57 | 1008 | 15.84 |
| 1119 | 1.57 | 1015 | 15.95 |
| 1126 | 1.57 | 1022 | 16.06 |
| 1133 | 1.57 | 1029 | 16.17 |
| 1140 | 1.57 | 1036 | 16.28 |
| 1147 | 1.57 | 1043 | 16.39 |
| 1154 | 1.57 | 1050 | 16.50 |
| 1161 | 1.57 | 1057 | 16.61 |
| 1168 | 1.57 | 1064 | 16.72 |
| 1175 | 1.57 | 1071 | 16.83 |
| 1182 | 1.57 | 1078 | 16.94 |
| 1189 | 1.57 | 1085 | 17.05 |
| 1196 | 1.57 | 1092 | 17.16 |
| 1203 | 1.57 | 1099 | 17.27 |
| 1210 | 1.57 | 1106 | 17.38 |
| 1217 | 1.57 | 1113 | 17.49 |
| 1224 | 1.57 | 1120 | 17.60 |
| 1231 | 1.57 | 1127 | 17.71 |
| 1238 | 1.57 | 1134 | 17.82 |
| 1245 | 1.57 | 1141 | 17.93 |
| 1252 | 1.57 | 1148 | 18.04 |
| 1259 | 1.57 | 1155 | 18.15 |
| 1266 | 1.57 | 1162 | 18.26 |
| 1273 | 1.57 | 1169 | 18.37 |
| 1280 | 1.57 | 1176 | 18.48 |
| 1287 | 1.57 | 1183 | 18.59 |
| 1294 | 1.57 | 1190 | 18.70 |
| 1301 | 1.57 | 1197 | 18.81 |
| 1308 | 1.57 | 1204 | 18.92 |
| 1315 | 1.57 | 1211 | 19.03 |
| 1322 | 1.57 | 1218 | 19.14 |
| 1329 | 1.57 | 1225 | 19.25 |
| 1336 | 1.57 | 1232 | 19.36 |
| 1343 | 1.57 | 1239 | 19.47 |
| 1350 | 1.57 | 1246 | 19.58 |
| 1357 | 1.57 | 1253 | 19.69 |
| 1364 | 1.57 | 1260 | 19.80 |
| 1371 | 1.57 | 1267 | 19.91 |
| 1378 | 1.57 | 1274 | 20.02 |
| 1385 | 1.57 | 1281 | 20.13 |
| 1392 | 1.57 | 1288 | 20.24 |
| 1399 | 1.57 | 1295 | 20.35 |
| 1406 | 1.57 | 1302 | 20.46 |
| 1413 | 1.57 | 1309 | 20.57 |
| 1420 | 1.57 | 1316 | 20.68 |
| 1427 | 1.57 | 1323 | 20.79 |
| 1434 | 1.57 | 1330 | 20.90 |
| 1441 | 1.57 | 1337 | 21.01 |
| 1448 | 1.57 | 1344 | 21.12 |
| 1455 | 1.57 | 1351 | 21.23 |
| 1462 | 1.57 | 1358 | 21.34 |
| 1469 | 1.57 | 1365 | 21.45 |
| 1476 | 1.57 | 1372 | 21.56 |
| 1483 | 1.57 | 1379 | 21.67 |
| 1490 | 1.57 | 1386 | 21.78 |
| 1497 | 1.57 | 1393 | 21.89 |
| 1504 | 1.57 | 1400 | 22.00 |
| 1511 | 1.57 | 1407 | 22.11 |
| 1518 | 1.57 | 1414 | 22.22 |
| 1525 | 1.57 | 1421 | 22.33 |
| 1532 | 1.57 | 1428 | 22.44 |
| 1539 | 1.57 | 1435 | 22.55 |
| 1546 | 1.57 | 1442 | 22.66 |
| 1553 | 1.57 | 1449 | 22.77 |
| 1560 | 1.57 | 1456 | 22.88 |
| 1567 | 1.57 | 1463 | 22.99 |
| 1574 | 1.57 | 1470 | 23.10 |
| 1581 | 1.57 | 1477 | 23.21 |
| 1588 | 1.57 | 1484 | 23.32 |
| 1595 | 1.57 | 1491 | 23.43 |
| 1602 | 1.57 | 1498 | 23.54 |
| 1609 | 1.57 | 1505 | 23.65 |
| 1616 | 1.57 | 1512 | 23.76 |
| 1623 | 1.57 | 1519 | 23.87 |
| 1630 | 1.57 | 1526 | 23.98 |
| 1637 | 1.57 | 1533 | 24.09 |
| 1644 | 1.57 | 1540 | 24.20 |
| 1651 | 1.57 | 1547 | 24.31 |
| 1658 | 1.57 | 1554 | 24.42 |
| 1665 | 1.57 | 1561 | 24.53 |
| 1672 | 1.57 | 1568 | 24.64 |
| 1679 | 1.57 | 1575 | 24.75 |
| 1686 | 1.57 | 1582 | 24.86 |
| 1693 | 1.57 | 1589 | 24.97 |
| 1700 | 1.57 | 1596 | 25.08 |
| 1707 | 1.57 | 1603 | 25.19 |
| 1714 | 1.57 | 1610 | 25.30 |
| 1721 | 1.57 | 1617 | 25.41 |
| 1728 | 1.57 | 1624 | 25.52 |
| 1735 | 1.57 | 1631 | 25.63 |
| 1742 | 1.57 | 1638 | 25.74 |
| 1749 | 1.57 | 1645 | 25.85 |
| 1756 | 1.57 | 1652 | 25.96 |
| 1763 | 1.57 | 1659 | 26.07 |
| 1770 | 1.57 | 1666 | 26.18 |
| 1777 | 1.57 | 1673 | 26.29 |
| 1784 | 1.57 | 1680 | 26.40 |
| 1791 | 1.57 | 1687 | 26.51 |
| 1798 | 1.57 | 1694 | 26.62 |
| 1805 | 1.57 | 1701 | 26.73 |
| 1812 | 1.57 | 1708 | 26.84 |
| 1819 | 1.57 | 1715 | 26.95 |
| 1826 | 1.57 | 1722 | 27.06 |
| 1833 | 1.57 | 1729 | 27.17 |
| 1840 | 1.57 | 1736 | 27.28 |
| 1847 | 1.57 | 1743 | 27.39 |
| 1854 | 1.57 | 1750 | 27.50 |
| 1861 | 1.57 | 1757 | 27.61 |
| 1868 | 1.57 | 1764 | 27.72 |
| 1875 | 1.57 | 1771 | 27.83 |
| 1882 | 1.57 | 1778 | 27.94 |
| 1889 | 1.57 | 1785 | 28.05 |
| 1896 | 1.57 | 1792 | 28.16 |
| 1903 | 1.57 | 1799 | 28.27 |
| 1910 | 1.57 | 1806 | 28.38 |
| 1917 | 1.57 | 1813 | 28.49 |
| 1924 | 1.57 | 1820 | 28.60 |
| 1931 | 1.57 | 1827 | 28.71 |
| 1938 | 1.57 | 1834 | 28.82 |
| 1945 | 1.57 | 1841 | 28.93 |
| 1952 | 1.57 | 1848 | 29.04 |
| 1959 | 1.57 | 1855 | 29.15 |
| 1966 | 1.57 | 1862 | 29.26 |
| 1973 | 1.57 | 1869 | 29.37 |
| 1980 | 1.57 | 1876 | 29.48 |
| 1987 | 1.57 | 1883 | 29.59 |
| 1994 | 1.57 | 1890 | 29.70 |
| 2001 | 1.57 | 1897 | 29.81 |
| 2008 | 1.57 | 1904 | 29.92 |
| 2015 | 1.57 | 1911 | 30.03 |
| 2022 | 1.57 | 1918 | 30.14 |
| 2029 | 1.57 | 1925 | 30.25 |
| 2036 | 1.57 | 1932 | 30.36 |
| 2043 | 1.57 | 1939 | 30.47 |
| 2050 | 1.57 | 1946 | 30.58 |
| 2057 | 1.57 | 1953 | 30.69 |
| 2064 | 1.57 | 1960 | 30.80 |
| 2071 | 1.57 | 1967 | 30.91 |
| 2078 | 1.57 | 1974 | 31.02 |
| 2085 | 1.5  |      |       |