

# P.W.K. – PROJEKTOWANIE I WYKONAWSTWO KOMUNIKACJA

Adres Biura: 65-077 ZIELONA GÓRA UL. WOJSKA POLSKIEGO 33 pok. 108  
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Egzemplarz nr

TYTUŁ OPRACOWANIA:

## „ROZBUDOWA I PRZEBUDOWA DROGI POWIATOWEJ NR 4119W, ODCINEK UMIASTÓW – STRZYKUŁY (UL. SOCHACZEWSKIEJ)W GMINIE OŻARÓW MAZOWIECKI”

FAZA OPRACOWANIA: **PROJEKT BUDOWLANY I WYKONAWCZY**

### **TOM I. C**

**Wspólny Słownik Zamówień CPV:**45.23.31.20-6 Roboty w zakresie budowy dróg

45.23.00.00-8 Roboty budowlane w zakresie budowy rurociągów, linii komunikacyjnych i elektroenergetycznych, autostrad, dróg, lotnisk i kolei; wyrównywanie terenu

OBIEKT:

- DROGA
- ODWODNIENIE
- OŚWIETLENIE PRZEJŚĆ I RONDA, ZNAKI AKTYWNE
- KOLIZJE Z SIECIAMI nn i Sn
- KOLIZJE Z SIECIAMI TELEKOMUNIKACYJNYMI

**LOKALIZACJA:** Obwód Kaputy - nr ew. działek: 8, 20/1, 125/1, 22, 65/1, 64/4, 23/1, 23/6, 1/9, 2/2, 2/1, 2/18, 23/7, 23/8, 24, 25/2, 25/3, 25/1, 26, 27/2, 6/3, 7/7, 28/2, 7/9, 7/5, 9/11, 9/12, 28/3, 30/1, 30/2, 31/2, 32, 9/9, 9/5, 33, 35/1, 35/2, 36, 37/1, 15/4, 38/2, 38/4, 38/6, 39/1, 39/2, 41/1, 42, 43, 44/2, 44/3, 47/3, 16, 47/4, 17, 18/9, 18/8, 18/7, 177, 178/1, 178/14, 178/19, 51, 52, 53/6, 178/13, 178/18, 52/1, 53/5, 53/2, 54/1, 55, 56, 57, 58/2, 59/2, 58/1, 59/1, 59/3, 61/1, 62/1, 64/6

Obwód PGR Kręczki Kaputy - nr ew. działek: 10, 8/1, 7/11, 11/2, 11/3, 11/1, 9/5, 6/15, 6/47, 6/55, 6/56, 6/61, 6/59

Obwód PGR Strzykuły - nr ew. działek: 9/6, 4, 9/3, 8/25, 9/12, 9/11, 9/10, 8/11

INWESTOR:

**ZARZĄD POWIATU WARSZAWSKIEGO ZACHODNIEGO**  
05 – 850 OŻARÓW MAZOWIECKI  
UL. POZNAŃSKA 129/133

| BRANŻA            | PROJEKTANCI  | DATA          | PODPIS |
|-------------------|--|---------------|--------|
| drogowa           | <b>Projektant: Jan Wyrwiński</b><br>nr 128/82/ZG-specjalność konstrukcyjno-inżynierska       | 15.03.2018 r. |        |
| drogowa           | <b>Sprawdzający: mgr inż. Adam Strzeszyński</b><br>nr LBS/0035/PWOD/12 - specjalność drogowa | 15.03.2018 r. |        |
| sanitarna         |  | 15.03.2018 r. |        |
| sanitarna         |  | 15.03.2018 r. |        |
| elektryczna       |  | 15.03.2018 r. |        |
| elektryczna       |  | 15.03.2018 r. |        |
| telekomunikacyjna |  | 15.03.2018 r. |        |
| telekomunikacyjna |  | 15.03.2018 r. |        |
| drogowa           | <b>Opracował: mgr inż. Marcin Pilch</b>  | 15.03.2018 r. |        |
| drogowa           | <b>Opracował: mgr inż. Tadeusz Wyrwiński</b>   | 15.03.2018 r. |        |

Zielona Góra 15.03.2018 r.

# SPIIS TREŚCI:

## ***TOM I. C – PROJEKT BUDOWLANY I WYKONAWCZY - DROGI***

1. Tabela objętości robót ziemnych – **str. nr 3 – 36**
2. Uzgodnienia i opinie branżowe - **str. nr 37 -**
  - Protokół z narady koordynacyjnej – POWIAT WARSZAWSKI ZACHODNI
  - Uzgodnienie geometrii drogi – POWIAT WARSZAWSKI ZACHODNI
  - Uzgodnienie ZDP W OŻAROWIE MAZOWIECKIM
  - Uzgodnienie oświetlenia – Gmina Ożarów Mazowiecki
  - Uzgodnienie sieci kanalizacji deszczowej – Gmina Ożarów Mazowiecki
  - Uzgodnienie przebudowy kolizji z sieciami elektroenergetycznymi nn i Sn - PGE S.A.
  - Uzgodnienie przebudowy kolizji z sieciami telekomunikacyjnymi – STANSAT, HAWA TELEKOM
  - Warunki techniczne – M.Z.D.W. WARSZAWA
  - Opinie w procedurze ZRID:
    - Mazowiecki Wojewódzki Konserwator Zabytków
    - Zarząd powiatu warszawskiego zachodniego
    - Zarząd województwa warszawskiego
    - Wójt Gminy Ożarów Mazowiecki
  - Pozwolenie wodno prawne – Wody Polskie –Zlewnia Łowicz
  - Odstąpienie od wydania „Decyzji o uwarunkowaniach środowiskowych ...”

# TABELA Nr 2 OBJĘTOŚCI ROBÓT ZIEMNYCH

Linia trasowania: **SOCHACZEWSKA**

Pikieta początkowa: km 0+032.000

Pikieta końcowa: km 3+082.667

| Pikieta   | Powierzchnia wykopu (m2) | Objętość wykopu (m3) | Objętość do ponownego wykorzystania (m3) | Powierzchnia nasypu (m2) | Objętość nasypu (m3) | Całk. obj. wykopu (m3) | Całk. obj. do ponownego wykorzystania (m3) | Całk. obj. nasypu (m3) | Całk. obj. netto (m3) |
|-----------|--------------------------|----------------------|--|--------------------------|----------------------|------------------------|--|------------------------|-----------------------|
| 0+032.000 | 4.78                     | 0.00                 | 0.00                                     | 0.00                     | 0.00                 | 0.00                   | 0.00                                       | 0.00                   | 0.00                  |
| 0+032.324 | 4.77                     | 1.55                 | 1.55                                     | 0.01                     | 0.00                 | 1.55                   | 1.55                                       | 0.00                   | 1.54                  |
| 0+032.325 | 8.20                     | 0.00                 | 0.00                                     | 0.02                     | 0.00                 | 1.55                   | 1.55                                       | 0.00                   | 1.55                  |
| 0+050.000 | 6.72                     | 131.83               | 131.83                                   | 0.54                     | 4.96                 | 133.38                 | 133.38                                     | 4.96                   | 128.42                |
| 0+075.000 | 8.65                     | 192.13               | 192.13                                   | 0.13                     | 8.37                 | 325.51                 | 325.51                                     | 13.33                  | 312.18                |
| 0+099.996 | 10.11                    | 234.49               | 234.49                                   | 0.02                     | 1.85                 | 560.00                 | 560.00                                     | 15.18                  | 544.82                |
| 0+100.000 | 10.11                    | 0.04                 | 0.04                                     | 0.02                     | 0.00                 | 560.04                 | 560.04                                     | 15.18                  | 544.86                |
| 0+121.413 | 10.61                    | 221.89               | 221.89                                   | 0.03                     | 0.48                 | 781.93                 | 781.93                                     | 15.67                  | 766.26                |
| 0+121.414 | 10.61                    | 0.00                 | 0.00                                     | 0.03                     | 0.00                 | 781.94                 | 781.94                                     | 15.67                  | 766.27                |
| 0+123.000 | 10.54                    | 16.77                | 16.77                                    | 0.14                     | 0.13                 | 798.71                 | 798.71                                     | 15.80                  | 782.91                |
| 0+125.066 | 10.32                    | 21.55                | 21.55                                    | 0.04                     | 0.18                 | 820.26                 | 820.26                                     | 15.98                  | 804.29                |
| 0+126.000 | 10.22                    | 9.59                 | 9.59                                     | 0.14                     | 0.08                 | 829.86                 | 829.86                                     | 16.06                  | 813.80                |
| 0+128.234 | 9.88                     | 22.45                | 22.45                                    | 0.04                     | 0.19                 | 852.31                 | 852.31                                     | 16.25                  | 836.06                |
| 0+128.689 | 9.79                     | 4.48                 | 4.48                                     | 0.14                     | 0.04                 | 856.78                 | 856.78                                     | 16.29                  | 840.49                |
| 0+129.000 | 9.73                     | 3.04                 | 3.04                                     | 0.04                     | 0.03                 | 859.82                 | 859.82                                     | 16.32                  | 843.50                |
| 0+132.000 | 9.46                     | 28.78                | 28.78                                    | 0.29                     | 0.49                 | 888.60                 | 888.60                                     | 16.81                  | 871.79                |
| 0+133.522 | 9.64                     | 14.53                | 14.53                                    | 0.30                     | 0.45                 | 903.13                 | 903.13                                     | 17.26                  | 885.87                |
| 0+135.000 | 9.78                     | 14.35                | 14.35                                    | 0.19                     | 0.36                 | 917.48                 | 917.48                                     | 17.62                  | 899.86                |
| 0+137.132 | 9.87                     | 20.95                | 20.95                                    | 0.31                     | 0.53                 | 938.43                 | 938.43                                     | 18.15                  | 920.28                |
| 0+138.000 | 9.88                     | 8.57                 | 8.57                                     | 0.31                     | 0.27                 | 947.00                 | 947.00                                     | 18.42                  | 928.58                |
| 0+140.381 | 9.80                     | 23.42                | 23.42                                    | 0.17                     | 0.56                 | 970.43                 | 970.43                                     | 18.98                  | 951.44                |
| 0+140.798 | 9.77                     | 4.08                 | 4.08                                     | 0.29                     | 0.10                 | 974.51                 | 974.51                                     | 19.08                  | 955.43                |
| 0+141.000 | 9.75                     | 1.97                 | 1.97                                     | 0.29                     | 0.06                 | 976.48                 | 976.48                                     | 19.14                  | 957.35                |
| 0+144.000 | 9.45                     | 28.81                | 28.81                                    | 0.24                     | 0.80                 | 1005.29                | 1005.29                                    | 19.94                  | 985.35                |
| 0+147.000 | 9.12                     | 27.86                | 27.86                                    | 0.22                     | 0.70                 | 1033.15                | 1033.15                                    | 20.64                  | 1012.51               |
| 0+149.000 | 8.88                     | 18.00                | 18.00                                    | 0.20                     | 0.43                 | 1051.15                | 1051.15                                    | 21.07                  | 1030.09               |

|           |      |       |       |      |      |         |         |       |         |
|-----------|------|-------|-------|------|------|---------|---------|-------|---------|
| 0+150.000 | 8.77 | 8.83  | 8.83  | 0.06 | 0.13 | 1059.98 | 1059.98 | 21.20 | 1038.78 |
| 0+153.000 | 8.44 | 25.80 | 25.80 | 0.05 | 0.17 | 1085.78 | 1085.78 | 21.37 | 1064.41 |
| 0+155.237 | 8.31 | 18.73 | 18.73 | 0.06 | 0.13 | 1104.51 | 1104.51 | 21.50 | 1083.01 |
| 0+156.000 | 8.28 | 6.33  | 6.33  | 0.19 | 0.10 | 1110.84 | 1110.84 | 21.59 | 1089.24 |
| 0+157.101 | 8.27 | 9.11  | 9.11  | 0.19 | 0.21 | 1119.95 | 1119.95 | 21.80 | 1098.14 |
| 0+158.958 | 8.13 | 15.23 | 15.23 | 0.27 | 0.43 | 1135.17 | 1135.17 | 22.24 | 1112.94 |
| 0+159.000 | 8.13 | 0.34  | 0.34  | 0.27 | 0.01 | 1135.52 | 1135.52 | 22.25 | 1113.27 |
| 0+162.000 | 7.05 | 22.77 | 22.77 | 0.45 | 1.09 | 1158.28 | 1158.28 | 23.33 | 1134.95 |
| 0+165.000 | 6.33 | 20.07 | 20.07 | 0.61 | 1.59 | 1178.35 | 1178.35 | 24.92 | 1153.43 |
| 0+168.000 | 6.11 | 18.66 | 18.66 | 0.63 | 1.86 | 1197.01 | 1197.01 | 26.78 | 1170.23 |
| 0+171.000 | 5.85 | 17.95 | 17.95 | 0.66 | 1.94 | 1214.96 | 1214.96 | 28.72 | 1186.24 |
| 0+174.000 | 5.57 | 17.14 | 17.14 | 0.69 | 2.02 | 1232.10 | 1232.10 | 30.74 | 1201.36 |
| 0+177.000 | 5.26 | 16.24 | 16.24 | 0.70 | 2.09 | 1248.34 | 1248.34 | 32.83 | 1215.52 |
| 0+179.253 | 5.01 | 11.56 | 11.56 | 0.70 | 1.58 | 1259.91 | 1259.91 | 34.41 | 1225.50 |
| 0+179.254 | 5.02 | 0.00  | 0.00  | 0.70 | 0.00 | 1259.91 | 1259.91 | 34.41 | 1225.50 |
| 0+180.000 | 4.97 | 3.73  | 3.73  | 0.66 | 0.51 | 1263.64 | 1263.64 | 34.92 | 1228.72 |
| 0+183.000 | 4.75 | 14.58 | 14.58 | 0.67 | 2.00 | 1278.22 | 1278.22 | 36.92 | 1241.30 |
| 0+186.000 | 4.54 | 13.93 | 13.93 | 0.70 | 2.05 | 1292.15 | 1292.15 | 38.98 | 1253.17 |
| 0+189.000 | 4.34 | 13.32 | 13.32 | 0.71 | 2.10 | 1305.47 | 1305.47 | 41.08 | 1264.39 |
| 0+192.000 | 4.23 | 12.85 | 12.85 | 0.74 | 2.17 | 1318.32 | 1318.32 | 43.26 | 1275.06 |
| 0+193.088 | 4.19 | 4.58  | 4.58  | 0.76 | 0.82 | 1322.90 | 1322.90 | 44.07 | 1278.83 |
| 0+193.089 | 4.19 | 0.00  | 0.00  | 0.76 | 0.00 | 1322.90 | 1322.90 | 44.07 | 1278.83 |
| 0+195.000 | 4.18 | 8.00  | 8.00  | 0.77 | 1.46 | 1330.90 | 1330.90 | 45.53 | 1285.37 |
| 0+196.856 | 4.16 | 7.73  | 7.73  | 0.79 | 1.45 | 1338.63 | 1338.63 | 46.98 | 1291.66 |
| 0+197.046 | 4.16 | 0.79  | 0.79  | 0.79 | 0.15 | 1339.42 | 1339.42 | 47.13 | 1292.29 |
| 0+198.000 | 4.15 | 3.97  | 3.97  | 0.80 | 0.76 | 1343.39 | 1343.39 | 47.89 | 1295.50 |
| 0+200.151 | 4.16 | 8.94  | 8.94  | 0.83 | 1.76 | 1352.33 | 1352.33 | 49.65 | 1302.68 |
| 0+200.152 | 4.16 | 0.00  | 0.00  | 0.84 | 0.00 | 1352.34 | 1352.34 | 49.65 | 1302.69 |
| 0+201.000 | 4.17 | 3.53  | 3.53  | 0.84 | 0.71 | 1355.87 | 1355.87 | 50.36 | 1305.51 |
| 0+202.149 | 4.20 | 4.81  | 4.81  | 0.86 | 0.98 | 1360.68 | 1360.68 | 51.34 | 1309.34 |
| 0+202.470 | 4.21 | 1.35  | 1.35  | 0.86 | 0.28 | 1362.03 | 1362.03 | 51.62 | 1310.42 |
| 0+204.000 | 4.32 | 6.53  | 6.53  | 0.87 | 1.33 | 1368.56 | 1368.56 | 52.94 | 1315.61 |
| 0+204.252 | 4.34 | 1.09  | 1.09  | 0.88 | 0.22 | 1369.65 | 1369.65 | 53.17 | 1316.48 |
| 0+204.401 | 4.36 | 0.65  | 0.65  | 0.88 | 0.13 | 1370.30 | 1370.30 | 53.30 | 1317.00 |
| 0+206.027 | 4.58 | 7.27  | 7.27  | 0.88 | 1.43 | 1377.56 | 1377.56 | 54.72 | 1322.84 |
| 0+206.645 | 4.69 | 2.87  | 2.87  | 0.88 | 0.54 | 1380.43 | 1380.43 | 55.27 | 1325.16 |
| 0+207.000 | 4.76 | 1.68  | 1.68  | 0.88 | 0.31 | 1382.11 | 1382.11 | 55.58 | 1326.53 |
| 0+208.824 | 5.09 | 8.98  | 8.98  | 0.86 | 1.59 | 1391.09 | 1391.09 | 57.16 | 1333.92 |

|           |      |       |       |      |      |         |         |       |         |
|-----------|------|-------|-------|------|------|---------|---------|-------|---------|
| 0+210.000 | 5.32 | 6.12  | 6.12  | 0.85 | 1.01 | 1397.21 | 1397.21 | 58.17 | 1339.04 |
| 0+213.000 | 5.93 | 16.86 | 16.86 | 0.81 | 2.50 | 1414.07 | 1414.07 | 60.67 | 1353.40 |
| 0+216.000 | 6.58 | 18.76 | 18.76 | 0.75 | 2.35 | 1432.83 | 1432.83 | 63.02 | 1369.81 |
| 0+216.478 | 6.68 | 3.17  | 3.17  | 0.73 | 0.35 | 1436.00 | 1436.00 | 63.37 | 1372.62 |
| 0+216.596 | 6.70 | 0.79  | 0.79  | 0.73 | 0.09 | 1436.79 | 1436.79 | 63.46 | 1373.33 |
| 0+218.390 | 7.02 | 12.31 | 12.31 | 0.68 | 1.26 | 1449.10 | 1449.10 | 64.72 | 1384.38 |
| 0+218.399 | 7.03 | 0.06  | 0.06  | 0.68 | 0.00 | 1449.16 | 1449.16 | 64.72 | 1384.44 |
| 0+218.775 | 7.06 | 2.65  | 2.65  | 0.67 | 0.25 | 1451.81 | 1451.81 | 64.98 | 1386.84 |
| 0+220.190 | 7.11 | 10.02 | 10.02 | 0.64 | 0.93 | 1461.84 | 1461.84 | 65.90 | 1395.93 |
| 0+220.327 | 7.11 | 0.97  | 0.97  | 0.64 | 0.09 | 1462.81 | 1462.81 | 65.99 | 1396.82 |
| 0+220.938 | 7.11 | 4.34  | 4.34  | 0.63 | 0.39 | 1467.15 | 1467.15 | 66.38 | 1400.78 |
| 0+221.000 | 7.12 | 0.45  | 0.45  | 0.63 | 0.04 | 1467.60 | 1467.60 | 66.42 | 1401.18 |
| 0+222.784 | 7.07 | 12.65 | 12.65 | 0.61 | 1.11 | 1480.25 | 1480.25 | 67.53 | 1412.73 |
| 0+222.819 | 7.07 | 0.25  | 0.25  | 0.61 | 0.02 | 1480.50 | 1480.50 | 67.55 | 1412.95 |
| 0+224.624 | 6.89 | 12.60 | 12.60 | 0.61 | 1.10 | 1493.09 | 1493.09 | 68.65 | 1424.45 |
| 0+224.631 | 6.89 | 0.05  | 0.05  | 0.61 | 0.00 | 1493.15 | 1493.15 | 68.65 | 1424.49 |
| 0+225.000 | 6.84 | 2.53  | 2.53  | 0.61 | 0.22 | 1495.68 | 1495.68 | 68.88 | 1426.80 |
| 0+232.366 | 5.81 | 46.60 | 46.60 | 0.61 | 4.48 | 1542.28 | 1542.28 | 73.36 | 1468.92 |
| 0+232.367 | 5.82 | 0.00  | 0.00  | 0.60 | 0.00 | 1542.29 | 1542.29 | 73.36 | 1468.93 |
| 0+234.360 | 5.88 | 11.66 | 11.66 | 0.58 | 1.18 | 1553.95 | 1553.95 | 74.55 | 1479.40 |
| 0+236.930 | 6.01 | 15.27 | 15.27 | 0.58 | 1.49 | 1569.22 | 1569.22 | 76.04 | 1493.18 |
| 0+239.509 | 6.23 | 15.79 | 15.79 | 0.53 | 1.42 | 1585.01 | 1585.01 | 77.46 | 1507.55 |
| 0+241.557 | 5.38 | 11.89 | 11.89 | 0.61 | 1.17 | 1596.90 | 1596.90 | 78.63 | 1518.27 |
| 0+241.560 | 5.37 | 0.02  | 0.02  | 0.59 | 0.00 | 1596.92 | 1596.92 | 78.63 | 1518.28 |
| 0+241.657 | 5.14 | 0.51  | 0.51  | 0.58 | 0.06 | 1597.42 | 1597.42 | 78.69 | 1518.73 |
| 0+241.658 | 4.76 | 0.00  | 0.00  | 0.56 | 0.00 | 1597.43 | 1597.43 | 78.69 | 1518.74 |
| 0+243.000 | 5.50 | 6.89  | 6.89  | 0.49 | 0.70 | 1604.31 | 1604.31 | 79.39 | 1524.92 |
| 0+246.000 | 5.74 | 16.87 | 16.87 | 0.40 | 1.34 | 1621.19 | 1621.19 | 80.73 | 1540.46 |
| 0+249.000 | 7.80 | 20.32 | 20.32 | 0.31 | 1.07 | 1641.51 | 1641.51 | 81.80 | 1559.71 |
| 0+249.664 | 7.76 | 5.17  | 5.17  | 0.30 | 0.20 | 1646.67 | 1646.67 | 82.00 | 1564.67 |
| 0+251.521 | 7.65 | 14.30 | 14.30 | 0.29 | 0.55 | 1660.98 | 1660.98 | 82.55 | 1578.43 |
| 0+252.000 | 7.62 | 3.66  | 3.66  | 0.29 | 0.14 | 1664.63 | 1664.63 | 82.69 | 1581.94 |
| 0+253.385 | 7.55 | 10.51 | 10.51 | 0.30 | 0.41 | 1675.14 | 1675.14 | 83.10 | 1592.04 |
| 0+255.000 | 7.47 | 12.13 | 12.13 | 0.32 | 0.50 | 1687.27 | 1687.27 | 83.59 | 1603.68 |
| 0+258.000 | 7.36 | 22.25 | 22.25 | 0.34 | 0.98 | 1709.52 | 1709.52 | 84.57 | 1624.95 |
| 0+261.000 | 7.30 | 21.99 | 21.99 | 0.36 | 1.04 | 1731.51 | 1731.51 | 85.62 | 1645.89 |
| 0+264.000 | 7.31 | 21.91 | 21.91 | 0.40 | 1.13 | 1753.42 | 1753.42 | 86.74 | 1666.68 |
| 0+267.000 | 7.37 | 22.01 | 22.01 | 0.43 | 1.24 | 1775.43 | 1775.43 | 87.98 | 1687.45 |

|           |       |        |        |      |       |         |         |        |         |
|-----------|-------|--------|--------|------|-------|---------|---------|--------|---------|
| 0+267.824 | 7.63  | 6.18   | 6.18   | 0.43 | 0.36  | 1781.61 | 1781.61 | 88.34  | 1693.27 |
| 0+270.000 | 9.10  | 18.19  | 18.19  | 0.21 | 0.70  | 1799.80 | 1799.80 | 89.05  | 1710.76 |
| 0+271.490 | 9.36  | 13.75  | 13.75  | 0.20 | 0.30  | 1813.55 | 1813.55 | 89.35  | 1724.20 |
| 0+273.000 | 9.59  | 14.31  | 14.31  | 0.19 | 0.29  | 1827.86 | 1827.86 | 89.64  | 1738.22 |
| 0+274.695 | 9.76  | 16.39  | 16.39  | 0.18 | 0.32  | 1844.25 | 1844.25 | 89.96  | 1754.29 |
| 0+275.100 | 9.78  | 3.96   | 3.96   | 0.18 | 0.07  | 1848.21 | 1848.21 | 90.03  | 1758.18 |
| 0+276.000 | 9.83  | 8.83   | 8.83   | 0.18 | 0.16  | 1857.04 | 1857.04 | 90.19  | 1766.85 |
| 0+277.631 | 9.84  | 16.04  | 16.04  | 0.18 | 0.29  | 1873.08 | 1873.08 | 90.48  | 1782.60 |
| 0+277.632 | 10.44 | 0.01   | 0.01   | 0.14 | 0.00  | 1873.09 | 1873.09 | 90.48  | 1782.61 |
| 0+279.934 | 11.43 | 25.18  | 25.18  | 0.00 | 0.16  | 1898.27 | 1898.27 | 90.64  | 1807.63 |
| 0+283.544 | 10.61 | 39.79  | 39.79  | 0.05 | 0.08  | 1938.06 | 1938.06 | 90.73  | 1847.34 |
| 0+286.792 | 9.96  | 33.41  | 33.41  | 0.05 | 0.16  | 1971.48 | 1971.48 | 90.88  | 1880.59 |
| 0+287.210 | 9.93  | 4.15   | 4.15   | 0.05 | 0.02  | 1975.62 | 1975.62 | 90.91  | 1884.72 |
| 0+287.213 | 9.93  | 0.03   | 0.03   | 0.05 | 0.00  | 1975.65 | 1975.65 | 90.91  | 1884.75 |
| 0+291.875 | 9.84  | 46.09  | 46.09  | 0.04 | 0.22  | 2021.75 | 2021.75 | 91.13  | 1930.62 |
| 0+300.000 | 9.37  | 78.01  | 78.01  | 0.08 | 0.49  | 2099.75 | 2099.75 | 91.61  | 2008.14 |
| 0+325.000 | 7.67  | 212.91 | 212.91 | 0.14 | 2.77  | 2312.66 | 2312.66 | 94.39  | 2218.27 |
| 0+350.000 | 5.73  | 167.40 | 167.40 | 0.52 | 8.27  | 2480.06 | 2480.06 | 102.66 | 2377.40 |
| 0+375.000 | 6.28  | 150.12 | 150.12 | 0.51 | 12.82 | 2630.19 | 2630.19 | 115.48 | 2514.71 |
| 0+400.000 | 6.46  | 159.26 | 159.26 | 0.39 | 11.20 | 2789.45 | 2789.45 | 126.68 | 2662.77 |
| 0+425.000 | 5.20  | 145.66 | 145.66 | 0.85 | 15.44 | 2935.11 | 2935.11 | 142.11 | 2792.99 |
| 0+448.091 | 3.04  | 95.09  | 95.09  | 1.50 | 27.09 | 3030.19 | 3030.19 | 169.20 | 2860.99 |
| 0+450.000 | 2.85  | 5.62   | 5.62   | 1.58 | 2.94  | 3035.81 | 3035.81 | 172.15 | 2863.67 |
| 0+465.382 | 3.55  | 49.17  | 49.17  | 1.42 | 23.08 | 3084.99 | 3084.99 | 195.22 | 2889.76 |
| 0+468.314 | 3.00  | 9.60   | 9.60   | 1.42 | 4.15  | 3094.58 | 3094.58 | 199.37 | 2895.21 |
| 0+474.870 | 2.45  | 17.87  | 17.87  | 1.36 | 9.09  | 3112.45 | 3112.45 | 208.47 | 2903.98 |
| 0+474.871 | 2.45  | 0.00   | 0.00   | 1.36 | 0.00  | 3112.46 | 3112.46 | 208.47 | 2903.99 |
| 0+477.000 | 2.63  | 5.41   | 5.41   | 1.39 | 2.92  | 3117.86 | 3117.86 | 211.39 | 2906.47 |
| 0+480.000 | 3.61  | 9.36   | 9.36   | 1.14 | 3.79  | 3127.22 | 3127.22 | 215.18 | 2912.04 |
| 0+483.000 | 5.69  | 13.95  | 13.95  | 0.54 | 2.51  | 3141.17 | 3141.17 | 217.70 | 2923.47 |
| 0+486.000 | 7.19  | 19.32  | 19.32  | 0.11 | 0.98  | 3160.49 | 3160.49 | 218.67 | 2941.82 |
| 0+489.000 | 8.13  | 22.98  | 22.98  | 0.16 | 0.40  | 3183.48 | 3183.48 | 219.07 | 2964.40 |
| 0+492.000 | 8.31  | 24.66  | 24.66  | 0.17 | 0.48  | 3208.14 | 3208.14 | 219.56 | 2988.58 |
| 0+495.000 | 8.32  | 24.95  | 24.95  | 0.08 | 0.37  | 3233.09 | 3233.09 | 219.93 | 3013.16 |
| 0+498.000 | 7.45  | 23.66  | 23.66  | 0.23 | 0.47  | 3256.75 | 3256.75 | 220.41 | 3036.34 |
| 0+501.000 | 7.43  | 22.32  | 22.32  | 0.16 | 0.59  | 3279.07 | 3279.07 | 221.00 | 3058.07 |
| 0+504.000 | 7.59  | 22.52  | 22.52  | 0.13 | 0.43  | 3301.59 | 3301.59 | 221.44 | 3080.16 |
| 0+507.000 | 8.08  | 23.50  | 23.50  | 0.07 | 0.29  | 3325.09 | 3325.09 | 221.73 | 3103.36 |

|           |       |       |       |      |      |         |         |        |         |
|-----------|-------|-------|-------|------|------|---------|---------|--------|---------|
| 0+510.000 | 8.61  | 25.03 | 25.03 | 0.04 | 0.16 | 3350.12 | 3350.12 | 221.89 | 3128.23 |
| 0+513.000 | 9.05  | 26.49 | 26.49 | 0.00 | 0.07 | 3376.61 | 3376.61 | 221.96 | 3154.65 |
| 0+516.000 | 9.29  | 27.50 | 27.50 | 0.00 | 0.01 | 3404.11 | 3404.11 | 221.97 | 3182.15 |
| 0+519.000 | 9.89  | 28.76 | 28.76 | 0.00 | 0.01 | 3432.87 | 3432.87 | 221.98 | 3210.89 |
| 0+522.000 | 10.80 | 31.03 | 31.03 | 0.00 | 0.01 | 3463.90 | 3463.90 | 221.99 | 3241.91 |
| 0+525.000 | 11.50 | 33.45 | 33.45 | 0.00 | 0.00 | 3497.35 | 3497.35 | 221.99 | 3275.36 |
| 0+528.000 | 11.56 | 34.59 | 34.59 | 0.00 | 0.00 | 3531.94 | 3531.94 | 221.99 | 3309.95 |
| 0+531.000 | 11.57 | 34.69 | 34.69 | 0.00 | 0.00 | 3566.63 | 3566.63 | 221.99 | 3344.64 |
| 0+531.433 | 11.57 | 5.01  | 5.01  | 0.00 | 0.00 | 3571.64 | 3571.64 | 221.99 | 3349.65 |
| 0+534.000 | 11.23 | 29.26 | 29.26 | 0.00 | 0.00 | 3600.91 | 3600.91 | 221.99 | 3378.92 |
| 0+537.000 | 10.88 | 33.17 | 33.17 | 0.00 | 0.00 | 3634.07 | 3634.07 | 221.99 | 3412.08 |
| 0+538.999 | 9.66  | 20.53 | 20.53 | 0.00 | 0.00 | 3654.60 | 3654.60 | 221.99 | 3432.61 |
| 0+539.000 | 9.64  | 0.01  | 0.01  | 0.00 | 0.00 | 3654.61 | 3654.61 | 221.99 | 3432.62 |
| 0+541.000 | 9.69  | 19.33 | 19.33 | 0.00 | 0.00 | 3673.94 | 3673.94 | 221.99 | 3451.95 |
| 0+542.500 | 10.08 | 14.83 | 14.83 | 0.02 | 0.02 | 3688.77 | 3688.77 | 222.01 | 3466.76 |
| 0+544.500 | 10.78 | 20.87 | 20.87 | 0.00 | 0.03 | 3709.64 | 3709.64 | 222.04 | 3487.60 |
| 0+545.500 | 11.22 | 11.00 | 11.00 | 0.00 | 0.00 | 3720.64 | 3720.64 | 222.04 | 3498.60 |
| 0+546.500 | 11.70 | 11.46 | 11.46 | 0.00 | 0.00 | 3732.10 | 3732.10 | 222.04 | 3510.06 |
| 0+547.664 | 12.13 | 13.87 | 13.87 | 0.00 | 0.00 | 3745.96 | 3745.96 | 222.04 | 3523.92 |
| 0+547.667 | 12.13 | 0.04  | 0.04  | 0.00 | 0.00 | 3746.00 | 3746.00 | 222.04 | 3523.96 |
| 0+549.000 | 12.35 | 16.32 | 16.32 | 0.00 | 0.00 | 3762.32 | 3762.32 | 222.04 | 3540.28 |
| 0+550.500 | 12.81 | 18.87 | 18.87 | 0.00 | 0.00 | 3781.19 | 3781.19 | 222.04 | 3559.15 |
| 0+552.000 | 13.59 | 19.80 | 19.80 | 0.00 | 0.00 | 3800.99 | 3800.99 | 222.04 | 3578.95 |
| 0+552.639 | 13.52 | 8.66  | 8.66  | 0.00 | 0.00 | 3809.65 | 3809.65 | 222.04 | 3587.61 |
| 0+552.639 | 13.52 | 0.00  | 0.00  | 0.00 | 0.00 | 3809.65 | 3809.65 | 222.04 | 3587.61 |
| 0+554.646 | 13.34 | 26.95 | 26.95 | 0.00 | 0.00 | 3836.60 | 3836.60 | 222.04 | 3614.56 |
| 0+555.000 | 13.32 | 4.71  | 4.71  | 0.00 | 0.00 | 3841.32 | 3841.32 | 222.04 | 3619.27 |
| 0+556.491 | 13.32 | 19.87 | 19.87 | 0.00 | 0.00 | 3861.18 | 3861.18 | 222.04 | 3639.14 |
| 0+556.549 | 13.33 | 0.77  | 0.77  | 0.00 | 0.00 | 3861.95 | 3861.95 | 222.04 | 3639.91 |
| 0+558.000 | 13.31 | 19.33 | 19.33 | 0.00 | 0.00 | 3881.28 | 3881.28 | 222.05 | 3659.23 |
| 0+558.340 | 13.30 | 4.52  | 4.52  | 0.00 | 0.00 | 3885.80 | 3885.80 | 222.05 | 3663.75 |
| 0+561.000 | 13.36 | 35.47 | 35.47 | 0.02 | 0.03 | 3921.26 | 3921.26 | 222.08 | 3699.18 |
| 0+564.000 | 13.50 | 40.28 | 40.28 | 0.01 | 0.05 | 3961.55 | 3961.55 | 222.13 | 3739.42 |
| 0+567.000 | 13.64 | 40.70 | 40.70 | 0.04 | 0.08 | 4002.25 | 4002.25 | 222.21 | 3780.04 |
| 0+570.000 | 13.76 | 41.10 | 41.10 | 0.05 | 0.14 | 4043.34 | 4043.34 | 222.35 | 3820.99 |
| 0+571.214 | 13.80 | 16.73 | 16.73 | 0.06 | 0.07 | 4060.08 | 4060.08 | 222.42 | 3837.66 |
| 0+571.236 | 13.80 | 0.30  | 0.30  | 0.06 | 0.00 | 4060.37 | 4060.37 | 222.42 | 3837.95 |
| 0+572.794 | 13.83 | 21.54 | 21.54 | 0.07 | 0.11 | 4081.91 | 4081.91 | 222.53 | 3859.38 |

|           |       |        |        |      |      |         |         |        |         |
|-----------|-------|--------|--------|------|------|---------|---------|--------|---------|
| 0+573.000 | 13.83 | 2.84   | 2.84   | 0.08 | 0.02 | 4084.75 | 4084.75 | 222.54 | 3862.21 |
| 0+573.637 | 13.82 | 8.80   | 8.80   | 0.08 | 0.05 | 4093.55 | 4093.55 | 222.59 | 3870.96 |
| 0+575.066 | 13.74 | 19.70  | 19.70  | 0.09 | 0.12 | 4113.26 | 4113.26 | 222.72 | 3890.54 |
| 0+575.145 | 13.74 | 1.09   | 1.09   | 0.09 | 0.00 | 4114.34 | 4114.34 | 222.73 | 3891.62 |
| 0+576.000 | 13.65 | 11.70  | 11.70  | 0.10 | 0.08 | 4126.05 | 4126.05 | 222.81 | 3903.24 |
| 0+576.704 | 13.56 | 9.57   | 9.57   | 0.10 | 0.07 | 4135.62 | 4135.62 | 222.88 | 3912.74 |
| 0+578.924 | 13.16 | 29.67  | 29.67  | 0.12 | 0.25 | 4165.28 | 4165.28 | 223.13 | 3942.16 |
| 0+579.000 | 13.14 | 1.00   | 1.00   | 0.12 | 0.00 | 4166.28 | 4166.28 | 223.14 | 3943.14 |
| 0+579.061 | 13.13 | 0.80   | 0.80   | 0.12 | 0.00 | 4167.08 | 4167.08 | 223.15 | 3943.94 |
| 0+580.589 | 12.77 | 19.79  | 19.79  | 0.13 | 0.19 | 4186.87 | 4186.87 | 223.34 | 3963.53 |
| 0+582.000 | 12.42 | 17.77  | 17.77  | 0.14 | 0.19 | 4204.64 | 4204.64 | 223.53 | 3981.11 |
| 0+585.000 | 11.70 | 36.18  | 36.18  | 0.16 | 0.45 | 4240.83 | 4240.83 | 223.98 | 4016.85 |
| 0+588.000 | 11.03 | 34.10  | 34.10  | 0.17 | 0.50 | 4274.93 | 4274.93 | 224.47 | 4050.46 |
| 0+588.629 | 10.89 | 6.90   | 6.90   | 0.16 | 0.11 | 4281.83 | 4281.83 | 224.58 | 4057.25 |
| 0+591.000 | 10.32 | 25.15  | 25.15  | 0.11 | 0.32 | 4306.98 | 4306.98 | 224.90 | 4082.08 |
| 0+594.000 | 9.68  | 30.01  | 30.01  | 0.13 | 0.35 | 4336.99 | 4336.99 | 225.25 | 4111.74 |
| 0+596.522 | 9.23  | 23.85  | 23.85  | 0.14 | 0.34 | 4360.84 | 4360.84 | 225.59 | 4135.25 |
| 0+596.878 | 9.19  | 3.28   | 3.28   | 0.14 | 0.05 | 4364.12 | 4364.12 | 225.64 | 4138.48 |
| 0+597.000 | 9.18  | 1.12   | 1.12   | 0.14 | 0.02 | 4365.24 | 4365.24 | 225.66 | 4139.58 |
| 0+598.721 | 8.85  | 15.51  | 15.51  | 0.15 | 0.26 | 4380.76 | 4380.76 | 225.91 | 4154.84 |
| 0+598.900 | 9.06  | 1.61   | 1.61   | 0.08 | 0.02 | 4382.36 | 4382.36 | 225.93 | 4156.43 |
| 0+598.901 | 8.69  | 0.00   | 0.00   | 0.08 | 0.00 | 4382.37 | 4382.37 | 225.93 | 4156.44 |
| 0+600.000 | 8.86  | 9.65   | 9.65   | 0.10 | 0.09 | 4392.01 | 4392.01 | 226.03 | 4165.99 |
| 0+603.000 | 8.79  | 26.47  | 26.47  | 0.10 | 0.30 | 4418.49 | 4418.49 | 226.33 | 4192.16 |
| 0+606.000 | 8.79  | 26.36  | 26.36  | 0.10 | 0.31 | 4444.85 | 4444.85 | 226.63 | 4218.21 |
| 0+606.297 | 8.79  | 2.61   | 2.61   | 0.10 | 0.03 | 4447.46 | 4447.46 | 226.66 | 4220.80 |
| 0+616.072 | 9.57  | 89.75  | 89.75  | 0.03 | 0.61 | 4537.21 | 4537.21 | 227.28 | 4309.94 |
| 0+625.000 | 11.02 | 91.90  | 91.90  | 0.03 | 0.24 | 4629.12 | 4629.12 | 227.52 | 4401.60 |
| 0+634.478 | 10.90 | 103.84 | 103.84 | 0.03 | 0.28 | 4732.95 | 4732.95 | 227.80 | 4505.16 |
| 0+634.479 | 12.42 | 0.01   | 0.01   | 0.04 | 0.00 | 4732.96 | 4732.96 | 227.80 | 4505.17 |
| 0+641.361 | 11.89 | 83.64  | 83.64  | 0.10 | 0.47 | 4816.60 | 4816.60 | 228.26 | 4588.34 |
| 0+650.000 | 13.11 | 107.97 | 107.97 | 0.00 | 0.44 | 4924.57 | 4924.57 | 228.70 | 4695.87 |
| 0+652.759 | 13.53 | 36.74  | 36.74  | 0.00 | 0.00 | 4961.31 | 4961.31 | 228.71 | 4732.60 |
| 0+652.760 | 13.53 | 0.02   | 0.02   | 0.00 | 0.00 | 4961.33 | 4961.33 | 228.71 | 4732.62 |
| 0+654.006 | 13.72 | 16.98  | 16.98  | 0.00 | 0.00 | 4978.31 | 4978.31 | 228.71 | 4749.59 |
| 0+657.000 | 14.14 | 41.71  | 41.71  | 0.00 | 0.00 | 5020.01 | 5020.01 | 228.71 | 4791.30 |
| 0+657.302 | 14.18 | 4.27   | 4.27   | 0.00 | 0.00 | 5024.28 | 5024.28 | 228.71 | 4795.57 |
| 0+657.383 | 14.19 | 1.15   | 1.15   | 0.00 | 0.00 | 5025.44 | 5025.44 | 228.71 | 4796.72 |



|           |       |       |       |      |      |         |         |        |         |
|-----------|-------|-------|-------|------|------|---------|---------|--------|---------|
| 0+657.557 | 14.21 | 2.47  | 2.47  | 0.00 | 0.00 | 5027.91 | 5027.91 | 228.71 | 4799.20 |
| 0+659.989 | 14.44 | 34.83 | 34.83 | 0.00 | 0.00 | 5062.74 | 5062.74 | 228.71 | 4834.03 |
| 0+660.000 | 14.44 | 0.16  | 0.16  | 0.00 | 0.00 | 5062.91 | 5062.91 | 228.71 | 4834.19 |
| 0+661.150 | 14.45 | 16.61 | 16.61 | 0.00 | 0.00 | 5079.52 | 5079.52 | 228.71 | 4850.80 |
| 0+661.151 | 13.60 | 0.02  | 0.02  | 0.00 | 0.00 | 5079.54 | 5079.54 | 228.71 | 4850.82 |
| 0+661.808 | 13.57 | 8.92  | 8.92  | 0.00 | 0.00 | 5088.45 | 5088.45 | 228.71 | 4859.74 |
| 0+663.620 | 13.32 | 24.36 | 24.36 | 0.00 | 0.00 | 5112.82 | 5112.82 | 228.71 | 4884.10 |
| 0+666.000 | 12.81 | 31.10 | 31.10 | 0.00 | 0.00 | 5143.92 | 5143.92 | 228.71 | 4915.21 |
| 0+666.817 | 12.62 | 10.39 | 10.39 | 0.00 | 0.00 | 5154.31 | 5154.31 | 228.71 | 4925.60 |
| 0+669.000 | 12.09 | 26.97 | 26.97 | 0.00 | 0.00 | 5181.28 | 5181.28 | 228.71 | 4952.57 |
| 0+672.000 | 11.38 | 35.21 | 35.21 | 0.00 | 0.00 | 5216.49 | 5216.49 | 228.71 | 4987.78 |
| 0+673.444 | 11.04 | 16.19 | 16.19 | 0.00 | 0.00 | 5232.68 | 5232.68 | 228.71 | 5003.97 |
| 0+673.925 | 10.92 | 5.28  | 5.28  | 0.00 | 0.00 | 5237.96 | 5237.96 | 228.71 | 5009.25 |
| 0+675.000 | 10.70 | 11.62 | 11.62 | 0.00 | 0.00 | 5249.58 | 5249.58 | 228.71 | 5020.87 |
| 0+675.924 | 10.55 | 9.82  | 9.82  | 0.00 | 0.00 | 5259.41 | 5259.41 | 228.71 | 5030.70 |
| 0+677.437 | 10.40 | 15.85 | 15.85 | 0.00 | 0.00 | 5275.26 | 5275.26 | 228.71 | 5046.55 |
| 0+678.414 | 10.35 | 10.13 | 10.13 | 0.00 | 0.00 | 5285.39 | 5285.39 | 228.71 | 5056.68 |
| 0+680.504 | 10.27 | 21.55 | 21.55 | 0.00 | 0.00 | 5306.94 | 5306.94 | 228.71 | 5078.23 |
| 0+680.507 | 10.27 | 0.03  | 0.03  | 0.00 | 0.00 | 5306.97 | 5306.97 | 228.71 | 5078.26 |
| 0+680.553 | 10.26 | 0.47  | 0.47  | 0.00 | 0.00 | 5307.43 | 5307.43 | 228.71 | 5078.72 |
| 0+680.556 | 10.26 | 0.03  | 0.03  | 0.00 | 0.00 | 5307.47 | 5307.47 | 228.71 | 5078.75 |
| 0+683.096 | 9.17  | 24.69 | 24.69 | 0.09 | 0.11 | 5332.15 | 5332.15 | 228.82 | 5103.33 |
| 0+683.097 | 8.71  | 0.00  | 0.00  | 0.09 | 0.00 | 5332.16 | 5332.16 | 228.82 | 5103.33 |
| 0+684.000 | 8.91  | 7.96  | 7.96  | 0.12 | 0.09 | 5340.12 | 5340.12 | 228.92 | 5111.20 |
| 0+684.152 | 8.96  | 1.35  | 1.35  | 0.12 | 0.02 | 5341.48 | 5341.48 | 228.94 | 5112.54 |
| 0+687.000 | 9.06  | 25.67 | 25.67 | 0.12 | 0.35 | 5367.14 | 5367.14 | 229.28 | 5137.86 |
| 0+690.000 | 9.16  | 27.33 | 27.33 | 0.13 | 0.38 | 5394.47 | 5394.47 | 229.66 | 5164.81 |
| 0+693.000 | 9.26  | 27.63 | 27.63 | 0.13 | 0.39 | 5422.11 | 5422.11 | 230.06 | 5192.05 |
| 0+696.000 | 9.35  | 27.92 | 27.92 | 0.15 | 0.42 | 5450.03 | 5450.03 | 230.48 | 5219.54 |
| 0+699.000 | 9.38  | 28.10 | 28.10 | 0.18 | 0.49 | 5478.13 | 5478.13 | 230.97 | 5247.16 |
| 0+702.000 | 9.36  | 28.11 | 28.11 | 0.21 | 0.58 | 5506.23 | 5506.23 | 231.55 | 5274.69 |
| 0+704.445 | 9.33  | 22.84 | 22.84 | 0.24 | 0.55 | 5529.08 | 5529.08 | 232.10 | 5296.98 |
| 0+705.000 | 9.32  | 5.18  | 5.18  | 0.25 | 0.13 | 5534.25 | 5534.25 | 232.23 | 5302.02 |
| 0+706.302 | 9.27  | 12.10 | 12.10 | 0.26 | 0.33 | 5546.35 | 5546.35 | 232.56 | 5313.79 |
| 0+708.000 | 9.17  | 15.66 | 15.66 | 0.28 | 0.46 | 5562.01 | 5562.01 | 233.02 | 5328.99 |
| 0+708.166 | 9.16  | 1.52  | 1.52  | 0.28 | 0.05 | 5563.52 | 5563.52 | 233.07 | 5330.46 |
| 0+711.000 | 8.95  | 25.66 | 25.66 | 0.32 | 0.85 | 5589.18 | 5589.18 | 233.92 | 5355.27 |
| 0+714.000 | 8.73  | 26.51 | 26.51 | 0.35 | 1.00 | 5615.70 | 5615.70 | 234.92 | 5380.78 |

|           |      |        |        |      |       |         |         |        |         |
|-----------|------|--------|--------|------|-------|---------|---------|--------|---------|
| 0+717.000 | 8.50 | 25.83  | 25.83  | 0.39 | 1.10  | 5641.53 | 5641.53 | 236.02 | 5405.51 |
| 0+719.952 | 8.27 | 24.74  | 24.74  | 0.42 | 1.19  | 5666.27 | 5666.27 | 237.21 | 5429.06 |
| 0+720.000 | 8.26 | 0.40   | 0.40   | 0.42 | 0.02  | 5666.67 | 5666.67 | 237.23 | 5429.43 |
| 0+722.605 | 8.06 | 21.26  | 21.26  | 0.46 | 1.14  | 5687.92 | 5687.92 | 238.37 | 5449.55 |
| 0+723.000 | 8.03 | 3.18   | 3.18   | 0.46 | 0.18  | 5691.10 | 5691.10 | 238.56 | 5452.54 |
| 0+726.000 | 7.74 | 23.66  | 23.66  | 0.51 | 1.45  | 5714.76 | 5714.76 | 240.01 | 5474.75 |
| 0+726.270 | 7.72 | 2.09   | 2.09   | 0.51 | 0.14  | 5716.85 | 5716.85 | 240.14 | 5476.70 |
| 0+727.484 | 7.59 | 9.28   | 9.28   | 0.53 | 0.63  | 5726.13 | 5726.13 | 240.78 | 5485.35 |
| 0+729.000 | 7.20 | 11.21  | 11.21  | 0.73 | 0.96  | 5737.34 | 5737.34 | 241.73 | 5495.61 |
| 0+729.881 | 6.94 | 6.23   | 6.23   | 0.74 | 0.65  | 5743.57 | 5743.57 | 242.38 | 5501.19 |
| 0+732.000 | 6.43 | 14.17  | 14.17  | 0.71 | 1.54  | 5757.74 | 5757.74 | 243.92 | 5513.82 |
| 0+734.715 | 5.70 | 16.47  | 16.47  | 0.57 | 1.74  | 5774.21 | 5774.21 | 245.66 | 5528.54 |
| 0+735.000 | 5.62 | 1.61   | 1.61   | 0.56 | 0.16  | 5775.82 | 5775.82 | 245.83 | 5530.00 |
| 0+738.000 | 4.87 | 15.73  | 15.73  | 0.49 | 1.57  | 5791.55 | 5791.55 | 247.40 | 5544.15 |
| 0+738.326 | 4.79 | 1.57   | 1.57   | 0.48 | 0.16  | 5793.13 | 5793.13 | 247.56 | 5545.57 |
| 0+739.545 | 4.60 | 5.72   | 5.72   | 0.51 | 0.60  | 5798.85 | 5798.85 | 248.16 | 5550.69 |
| 0+741.000 | 4.43 | 6.57   | 6.57   | 0.52 | 0.75  | 5805.42 | 5805.42 | 248.91 | 5556.51 |
| 0+741.991 | 4.13 | 4.25   | 4.25   | 0.54 | 0.53  | 5809.66 | 5809.66 | 249.44 | 5560.23 |
| 0+741.992 | 4.43 | 0.00   | 0.00   | 0.57 | 0.00  | 5809.67 | 5809.67 | 249.44 | 5560.23 |
| 0+750.000 | 4.79 | 36.92  | 36.92  | 0.73 | 5.18  | 5846.58 | 5846.58 | 254.62 | 5591.96 |
| 0+775.000 | 4.85 | 120.54 | 120.54 | 0.78 | 18.77 | 5967.12 | 5967.12 | 273.39 | 5693.73 |
| 0+800.000 | 4.40 | 115.63 | 115.63 | 1.04 | 22.65 | 6082.75 | 6082.75 | 296.04 | 5786.72 |
| 0+812.209 | 4.46 | 54.07  | 54.07  | 0.95 | 12.11 | 6136.82 | 6136.82 | 308.14 | 5828.68 |
| 0+825.000 | 2.40 | 43.86  | 43.86  | 1.55 | 15.98 | 6180.68 | 6180.68 | 324.12 | 5856.56 |
| 0+832.631 | 2.25 | 17.74  | 17.74  | 1.82 | 12.88 | 6198.41 | 6198.41 | 337.00 | 5861.41 |
| 0+850.000 | 4.93 | 62.37  | 62.37  | 0.75 | 22.36 | 6260.79 | 6260.79 | 359.36 | 5901.43 |
| 0+875.000 | 8.69 | 170.19 | 170.19 | 0.14 | 11.19 | 6430.98 | 6430.98 | 370.55 | 6060.43 |
| 0+888.052 | 9.17 | 116.49 | 116.49 | 0.05 | 1.27  | 6547.47 | 6547.47 | 371.82 | 6175.66 |
| 0+900.000 | 8.43 | 105.14 | 105.14 | 0.08 | 0.76  | 6652.61 | 6652.61 | 372.58 | 6280.03 |
| 0+908.736 | 8.41 | 73.55  | 73.55  | 0.16 | 1.04  | 6726.16 | 6726.16 | 373.61 | 6352.55 |
| 0+908.737 | 8.30 | 0.00   | 0.00   | 0.23 | 0.00  | 6726.17 | 6726.17 | 373.61 | 6352.56 |
| 0+908.766 | 7.76 | 0.23   | 0.23   | 0.31 | 0.00  | 6726.40 | 6726.40 | 373.62 | 6352.78 |
| 0+925.000 | 6.76 | 117.84 | 117.84 | 0.30 | 4.97  | 6844.25 | 6844.25 | 378.59 | 6465.65 |
| 0+928.716 | 6.49 | 24.61  | 24.61  | 0.21 | 0.96  | 6868.86 | 6868.86 | 379.55 | 6489.31 |
| 0+928.717 | 6.59 | 0.00   | 0.00   | 0.13 | 0.00  | 6868.86 | 6868.86 | 379.55 | 6489.32 |
| 0+944.158 | 6.39 | 100.19 | 100.19 | 0.13 | 2.03  | 6969.05 | 6969.05 | 381.58 | 6587.47 |
| 0+944.159 | 6.39 | 0.00   | 0.00   | 0.13 | 0.00  | 6969.06 | 6969.06 | 381.58 | 6587.48 |
| 0+944.172 | 6.39 | 0.08   | 0.08   | 0.13 | 0.00  | 6969.14 | 6969.14 | 381.58 | 6587.56 |

|           |      |        |        |      |      |         |         |        |         |
|-----------|------|--------|--------|------|------|---------|---------|--------|---------|
| 0+944.175 | 6.39 | 0.02   | 0.02   | 0.13 | 0.00 | 6969.16 | 6969.16 | 381.58 | 6587.58 |
| 0+946.128 | 6.37 | 12.47  | 12.47  | 0.12 | 0.25 | 6981.62 | 6981.62 | 381.83 | 6599.79 |
| 0+946.452 | 6.38 | 2.06   | 2.06   | 0.13 | 0.04 | 6983.69 | 6983.69 | 381.87 | 6601.82 |
| 0+948.280 | 6.49 | 11.76  | 11.76  | 0.15 | 0.25 | 6995.45 | 6995.45 | 382.12 | 6613.32 |
| 0+948.419 | 6.51 | 0.90   | 0.90   | 0.16 | 0.02 | 6996.35 | 6996.35 | 382.15 | 6614.21 |
| 0+950.000 | 6.76 | 10.49  | 10.49  | 0.25 | 0.32 | 7006.84 | 7006.84 | 382.47 | 6624.37 |
| 0+950.101 | 6.77 | 0.68   | 0.68   | 0.26 | 0.03 | 7007.52 | 7007.52 | 382.49 | 6625.03 |
| 0+950.700 | 6.88 | 4.09   | 4.09   | 0.30 | 0.17 | 7011.61 | 7011.61 | 382.66 | 6628.95 |
| 0+960.493 | 5.69 | 61.57  | 61.57  | 0.54 | 4.09 | 7073.18 | 7073.18 | 386.75 | 6686.43 |
| 0+960.584 | 5.67 | 0.52   | 0.52   | 0.54 | 0.05 | 7073.70 | 7073.70 | 386.80 | 6686.90 |
| 0+962.414 | 5.30 | 10.04  | 10.04  | 0.56 | 1.00 | 7083.74 | 7083.74 | 387.80 | 6695.94 |
| 0+962.424 | 5.30 | 0.05   | 0.05   | 0.56 | 0.00 | 7083.79 | 7083.79 | 387.80 | 6695.99 |
| 0+964.270 | 4.92 | 9.44   | 9.44   | 0.59 | 1.05 | 7093.23 | 7093.23 | 388.86 | 6704.37 |
| 0+964.343 | 4.91 | 0.36   | 0.36   | 0.59 | 0.04 | 7093.59 | 7093.59 | 388.90 | 6704.68 |
| 0+964.968 | 4.79 | 3.03   | 3.03   | 0.60 | 0.37 | 7096.62 | 7096.62 | 389.27 | 6707.35 |
| 0+964.991 | 4.79 | 0.11   | 0.11   | 0.60 | 0.01 | 7096.73 | 7096.73 | 389.28 | 6707.44 |
| 0+966.818 | 4.47 | 8.45   | 8.45   | 0.63 | 1.13 | 7105.18 | 7105.18 | 390.41 | 6714.77 |
| 0+966.834 | 4.46 | 0.07   | 0.07   | 0.63 | 0.01 | 7105.25 | 7105.25 | 390.42 | 6714.83 |
| 0+968.637 | 4.33 | 7.93   | 7.93   | 0.58 | 1.09 | 7113.18 | 7113.18 | 391.51 | 6721.67 |
| 0+968.693 | 4.33 | 0.24   | 0.24   | 0.58 | 0.03 | 7113.42 | 7113.42 | 391.54 | 6721.88 |
| 0+975.000 | 4.87 | 29.01  | 29.01  | 0.43 | 3.19 | 7142.44 | 7142.44 | 394.73 | 6747.70 |
| 0+978.503 | 5.56 | 18.27  | 18.27  | 0.35 | 1.37 | 7160.71 | 7160.71 | 396.10 | 6764.61 |
| 0+978.891 | 5.64 | 2.17   | 2.17   | 0.33 | 0.13 | 7162.88 | 7162.88 | 396.23 | 6766.65 |
| 0+980.798 | 6.12 | 11.22  | 11.22  | 0.26 | 0.56 | 7174.10 | 7174.10 | 396.79 | 6777.31 |
| 0+980.957 | 6.15 | 0.98   | 0.98   | 0.25 | 0.04 | 7175.07 | 7175.07 | 396.83 | 6778.25 |
| 0+982.713 | 6.20 | 10.85  | 10.85  | 0.30 | 0.48 | 7185.92 | 7185.92 | 397.31 | 6788.61 |
| 0+983.421 | 5.98 | 4.31   | 4.31   | 0.41 | 0.25 | 7190.23 | 7190.23 | 397.56 | 6792.67 |
| 0+985.516 | 3.90 | 10.35  | 10.35  | 0.49 | 0.94 | 7200.58 | 7200.58 | 398.50 | 6802.07 |
| 0+985.517 | 3.90 | 0.00   | 0.00   | 0.34 | 0.00 | 7200.58 | 7200.58 | 398.50 | 6802.08 |
| 1+000.000 | 3.54 | 53.91  | 53.91  | 0.52 | 6.21 | 7254.49 | 7254.49 | 404.71 | 6849.78 |
| 1+024.421 | 5.71 | 113.01 | 113.01 | 0.23 | 9.08 | 7367.50 | 7367.50 | 413.80 | 6953.70 |
| 1+024.422 | 5.71 | 0.00   | 0.00   | 0.25 | 0.00 | 7367.50 | 7367.50 | 413.80 | 6953.71 |
| 1+025.000 | 5.83 | 3.34   | 3.34   | 0.26 | 0.15 | 7370.84 | 7370.84 | 413.95 | 6956.89 |
| 1+044.412 | 5.26 | 107.70 | 107.70 | 0.28 | 5.31 | 7478.54 | 7478.54 | 419.25 | 7059.29 |
| 1+044.413 | 5.20 | 0.00   | 0.00   | 0.14 | 0.00 | 7478.55 | 7478.55 | 419.25 | 7059.30 |
| 1+050.000 | 4.65 | 27.52  | 27.52  | 0.76 | 2.51 | 7506.07 | 7506.07 | 421.76 | 7084.31 |
| 1+066.189 | 5.60 | 82.94  | 82.94  | 0.47 | 9.95 | 7589.01 | 7589.01 | 431.71 | 7157.30 |
| 1+066.190 | 6.00 | 0.00   | 0.00   | 0.38 | 0.00 | 7589.02 | 7589.02 | 431.71 | 7157.31 |

|           |       |        |        |      |      |          |          |        |          |
|-----------|-------|--------|--------|------|------|----------|----------|--------|----------|
| 1+075.000 | 6.46  | 54.90  | 54.90  | 0.33 | 3.12 | 7643.92  | 7643.92  | 434.84 | 7209.08  |
| 1+100.000 | 6.29  | 159.40 | 159.40 | 0.36 | 8.58 | 7803.32  | 7803.32  | 443.42 | 7359.90  |
| 1+125.000 | 9.06  | 191.95 | 191.95 | 0.07 | 5.35 | 7995.27  | 7995.27  | 448.77 | 7546.50  |
| 1+146.722 | 11.48 | 223.08 | 223.08 | 0.00 | 0.77 | 8218.34  | 8218.34  | 449.54 | 7768.80  |
| 1+149.000 | 11.70 | 26.41  | 26.41  | 0.00 | 0.00 | 8244.75  | 8244.75  | 449.54 | 7795.20  |
| 1+150.000 | 11.80 | 11.75  | 11.75  | 0.00 | 0.00 | 8256.50  | 8256.50  | 449.54 | 7806.96  |
| 1+163.646 | 12.64 | 167.79 | 167.79 | 0.00 | 0.00 | 8424.29  | 8424.29  | 449.54 | 7974.74  |
| 1+172.646 | 11.76 | 110.44 | 110.44 | 0.00 | 0.00 | 8534.72  | 8534.72  | 449.54 | 8085.18  |
| 1+175.000 | 11.60 | 27.51  | 27.51  | 0.00 | 0.00 | 8562.23  | 8562.23  | 449.54 | 8112.69  |
| 1+175.760 | 11.36 | 8.73   | 8.73   | 0.00 | 0.00 | 8570.96  | 8570.96  | 449.54 | 8121.41  |
| 1+198.570 | 12.87 | 278.13 | 278.13 | 0.01 | 0.13 | 8849.09  | 8849.09  | 449.67 | 8399.42  |
| 1+200.000 | 12.91 | 18.43  | 18.43  | 0.02 | 0.02 | 8867.52  | 8867.52  | 449.69 | 8417.83  |
| 1+204.798 | 12.91 | 61.93  | 61.93  | 0.11 | 0.29 | 8929.45  | 8929.45  | 449.99 | 8479.47  |
| 1+225.000 | 10.16 | 233.03 | 233.03 | 0.17 | 2.79 | 9162.48  | 9162.48  | 452.77 | 8709.70  |
| 1+230.000 | 9.31  | 48.69  | 48.69  | 0.24 | 1.03 | 9211.17  | 9211.17  | 453.80 | 8757.37  |
| 1+250.000 | 14.02 | 233.36 | 233.36 | 0.00 | 2.42 | 9444.53  | 9444.53  | 456.23 | 8988.30  |
| 1+262.000 | 12.92 | 161.63 | 161.63 | 0.00 | 0.00 | 9606.16  | 9606.16  | 456.23 | 9149.93  |
| 1+275.000 | 11.23 | 156.97 | 156.97 | 0.03 | 0.20 | 9763.13  | 9763.13  | 456.43 | 9306.70  |
| 1+278.259 | 6.62  | 29.10  | 29.10  | 0.05 | 0.13 | 9792.23  | 9792.23  | 456.56 | 9335.67  |
| 1+278.260 | 10.01 | 0.00   | 0.00   | 0.05 | 0.00 | 9792.24  | 9792.24  | 456.56 | 9335.68  |
| 1+298.460 | 8.65  | 188.54 | 188.54 | 0.05 | 0.99 | 9980.78  | 9980.78  | 457.55 | 9523.22  |
| 1+298.461 | 8.50  | 0.01   | 0.01   | 0.05 | 0.00 | 9980.79  | 9980.79  | 457.55 | 9523.24  |
| 1+300.000 | 8.49  | 13.07  | 13.07  | 0.06 | 0.09 | 9993.86  | 9993.86  | 457.64 | 9536.22  |
| 1+325.000 | 9.32  | 222.60 | 222.60 | 0.20 | 3.34 | 10216.45 | 10216.45 | 460.98 | 9755.47  |
| 1+344.817 | 8.76  | 179.17 | 179.17 | 0.00 | 2.08 | 10395.62 | 10395.62 | 463.06 | 9932.56  |
| 1+350.000 | 8.50  | 44.75  | 44.75  | 0.00 | 0.03 | 10440.37 | 10440.37 | 463.09 | 9977.28  |
| 1+351.265 | 7.28  | 9.99   | 9.99   | 0.09 | 0.06 | 10450.36 | 10450.36 | 463.15 | 9987.20  |
| 1+351.266 | 6.09  | 0.00   | 0.00   | 0.08 | 0.00 | 10450.36 | 10450.36 | 463.15 | 9987.21  |
| 1+361.269 | 4.97  | 55.34  | 55.34  | 0.30 | 1.94 | 10505.70 | 10505.70 | 465.09 | 10040.61 |
| 1+361.270 | 5.83  | 0.00   | 0.00   | 0.31 | 0.00 | 10505.70 | 10505.70 | 465.09 | 10040.61 |
| 1+361.500 | 5.75  | 1.33   | 1.33   | 0.14 | 0.05 | 10507.04 | 10507.04 | 465.14 | 10041.89 |
| 1+363.000 | 6.02  | 8.83   | 8.83   | 0.18 | 0.24 | 10515.86 | 10515.86 | 465.39 | 10050.48 |
| 1+364.500 | 5.68  | 8.78   | 8.78   | 0.25 | 0.32 | 10524.64 | 10524.64 | 465.71 | 10058.93 |
| 1+366.000 | 5.36  | 8.28   | 8.28   | 0.37 | 0.47 | 10532.92 | 10532.92 | 466.17 | 10066.75 |
| 1+367.500 | 5.04  | 7.80   | 7.80   | 0.51 | 0.66 | 10540.72 | 10540.72 | 466.84 | 10073.88 |
| 1+369.000 | 4.77  | 7.36   | 7.36   | 0.60 | 0.83 | 10548.08 | 10548.08 | 467.67 | 10080.40 |
| 1+370.500 | 4.65  | 7.07   | 7.07   | 0.61 | 0.91 | 10555.14 | 10555.14 | 468.58 | 10086.56 |
| 1+370.590 | 4.66  | 0.42   | 0.42   | 0.58 | 0.05 | 10555.56 | 10555.56 | 468.64 | 10086.93 |

|           |      |       |       |      |      |          |          |        |          |
|-----------|------|-------|-------|------|------|----------|----------|--------|----------|
| 1+370.591 | 4.67 | 0.00  | 0.00  | 1.07 | 0.00 | 10555.57 | 10555.57 | 468.64 | 10086.93 |
| 1+371.809 | 4.86 | 5.81  | 5.81  | 1.06 | 1.30 | 10561.38 | 10561.38 | 469.94 | 10091.44 |
| 1+372.455 | 4.89 | 3.15  | 3.15  | 0.60 | 0.54 | 10564.53 | 10564.53 | 470.47 | 10094.05 |
| 1+375.000 | 5.13 | 12.76 | 12.76 | 1.21 | 2.29 | 10577.28 | 10577.28 | 472.77 | 10104.52 |
| 1+382.250 | 5.26 | 37.68 | 37.68 | 0.78 | 7.20 | 10614.96 | 10614.96 | 479.97 | 10135.00 |
| 1+382.362 | 5.26 | 0.59  | 0.59  | 0.78 | 0.09 | 10615.55 | 10615.55 | 480.05 | 10135.50 |
| 1+384.164 | 5.24 | 9.47  | 9.47  | 0.77 | 1.39 | 10625.02 | 10625.02 | 481.45 | 10143.58 |
| 1+384.171 | 5.24 | 0.03  | 0.03  | 0.77 | 0.00 | 10625.06 | 10625.06 | 481.45 | 10143.60 |
| 1+385.974 | 5.07 | 9.30  | 9.30  | 0.84 | 1.45 | 10634.35 | 10634.35 | 482.90 | 10151.45 |
| 1+386.099 | 5.06 | 0.64  | 0.64  | 0.78 | 0.10 | 10634.99 | 10634.99 | 483.01 | 10151.98 |
| 1+386.729 | 4.97 | 3.16  | 3.16  | 0.87 | 0.52 | 10638.15 | 10638.15 | 483.53 | 10154.62 |
| 1+386.749 | 4.97 | 0.10  | 0.10  | 0.79 | 0.02 | 10638.25 | 10638.25 | 483.54 | 10154.70 |
| 1+387.273 | 4.88 | 2.58  | 2.58  | 0.81 | 0.42 | 10640.83 | 10640.83 | 483.96 | 10156.86 |
| 1+388.559 | 4.66 | 6.14  | 6.14  | 0.83 | 1.05 | 10646.96 | 10646.96 | 485.02 | 10161.94 |
| 1+388.591 | 4.66 | 0.15  | 0.15  | 0.83 | 0.03 | 10647.11 | 10647.11 | 485.04 | 10162.07 |
| 1+390.381 | 4.25 | 7.97  | 7.97  | 1.04 | 1.67 | 10655.08 | 10655.08 | 486.71 | 10168.37 |
| 1+390.426 | 4.24 | 0.19  | 0.19  | 0.87 | 0.04 | 10655.27 | 10655.27 | 486.75 | 10168.52 |
| 1+395.718 | 3.09 | 19.40 | 19.40 | 0.97 | 4.89 | 10674.67 | 10674.67 | 491.64 | 10183.03 |
| 1+398.000 | 2.81 | 6.74  | 6.74  | 1.41 | 2.72 | 10681.41 | 10681.41 | 494.37 | 10187.04 |
| 1+400.000 | 2.76 | 5.57  | 5.57  | 1.52 | 2.93 | 10686.97 | 10686.97 | 497.30 | 10189.68 |
| 1+400.248 | 2.76 | 0.68  | 0.68  | 1.53 | 0.38 | 10687.66 | 10687.66 | 497.68 | 10189.98 |
| 1+400.679 | 2.78 | 1.19  | 1.19  | 1.55 | 0.66 | 10688.85 | 10688.85 | 498.34 | 10190.51 |
| 1+401.000 | 2.80 | 0.89  | 0.89  | 1.56 | 0.50 | 10689.75 | 10689.75 | 498.84 | 10190.91 |
| 1+402.000 | 2.86 | 2.83  | 2.83  | 1.57 | 1.57 | 10692.57 | 10692.57 | 500.40 | 10192.17 |
| 1+402.001 | 2.85 | 0.00  | 0.00  | 1.56 | 0.00 | 10692.57 | 10692.57 | 500.41 | 10192.17 |
| 1+404.000 | 3.23 | 6.09  | 6.09  | 1.58 | 3.14 | 10698.66 | 10698.66 | 503.54 | 10195.12 |
| 1+406.086 | 3.37 | 6.89  | 6.89  | 1.52 | 3.23 | 10705.55 | 10705.55 | 506.78 | 10198.77 |
| 1+407.000 | 3.35 | 3.07  | 3.07  | 1.53 | 1.39 | 10708.62 | 10708.62 | 508.17 | 10200.45 |
| 1+410.000 | 3.33 | 10.02 | 10.02 | 1.55 | 4.61 | 10718.64 | 10718.64 | 512.79 | 10205.86 |
| 1+411.000 | 3.31 | 3.32  | 3.32  | 1.92 | 1.73 | 10721.96 | 10721.96 | 514.52 | 10207.45 |
| 1+411.001 | 3.31 | 0.00  | 0.00  | 1.92 | 0.00 | 10721.97 | 10721.97 | 514.52 | 10207.45 |
| 1+413.000 | 3.68 | 6.99  | 6.99  | 1.80 | 3.72 | 10728.96 | 10728.96 | 518.24 | 10210.72 |
| 1+415.000 | 3.80 | 7.48  | 7.48  | 1.84 | 3.64 | 10736.44 | 10736.44 | 521.88 | 10214.56 |
| 1+417.000 | 3.94 | 7.74  | 7.74  | 1.86 | 3.70 | 10744.18 | 10744.18 | 525.57 | 10218.60 |
| 1+417.233 | 3.96 | 0.92  | 0.92  | 1.86 | 0.43 | 10745.10 | 10745.10 | 526.01 | 10219.09 |
| 1+419.000 | 4.10 | 7.12  | 7.12  | 1.86 | 3.29 | 10752.22 | 10752.22 | 529.29 | 10222.93 |
| 1+421.000 | 4.27 | 8.37  | 8.37  | 1.86 | 3.73 | 10760.59 | 10760.59 | 533.02 | 10227.57 |
| 1+423.500 | 4.49 | 10.95 | 10.95 | 1.86 | 4.66 | 10771.54 | 10771.54 | 537.68 | 10233.86 |

|           |      |       |       |      |      |          |          |        |          |
|-----------|------|-------|-------|------|------|----------|----------|--------|----------|
| 1+426.000 | 4.72 | 11.52 | 11.52 | 1.87 | 4.66 | 10783.06 | 10783.06 | 542.35 | 10240.71 |
| 1+426.049 | 4.73 | 0.23  | 0.23  | 1.87 | 0.09 | 10783.29 | 10783.29 | 542.44 | 10240.85 |
| 1+427.906 | 4.91 | 8.95  | 8.95  | 1.86 | 3.46 | 10792.24 | 10792.24 | 545.90 | 10246.34 |
| 1+427.954 | 4.91 | 0.23  | 0.23  | 1.86 | 0.09 | 10792.47 | 10792.47 | 545.98 | 10246.49 |
| 1+427.955 | 4.91 | 0.00  | 0.00  | 1.86 | 0.00 | 10792.48 | 10792.48 | 545.99 | 10246.49 |
| 1+428.000 | 4.92 | 0.22  | 0.22  | 1.86 | 0.08 | 10792.70 | 10792.70 | 546.07 | 10246.63 |
| 1+429.770 | 5.09 | 8.86  | 8.86  | 1.84 | 3.27 | 10801.55 | 10801.55 | 549.34 | 10252.21 |
| 1+430.000 | 5.11 | 1.17  | 1.17  | 1.83 | 0.42 | 10802.73 | 10802.73 | 549.76 | 10252.96 |
| 1+432.000 | 5.31 | 10.42 | 10.42 | 1.70 | 3.53 | 10813.14 | 10813.14 | 553.29 | 10259.85 |
| 1+434.500 | 5.56 | 13.59 | 13.59 | 1.40 | 3.88 | 10826.73 | 10826.73 | 557.17 | 10269.56 |
| 1+437.000 | 5.93 | 14.37 | 14.37 | 1.14 | 3.18 | 10841.10 | 10841.10 | 560.35 | 10280.75 |
| 1+439.500 | 6.24 | 15.21 | 15.21 | 0.89 | 2.54 | 10856.31 | 10856.31 | 562.89 | 10293.42 |
| 1+442.500 | 6.67 | 19.35 | 19.35 | 0.66 | 2.32 | 10875.66 | 10875.66 | 565.21 | 10310.45 |
| 1+444.209 | 6.96 | 11.64 | 11.64 | 0.58 | 1.06 | 10887.30 | 10887.30 | 566.27 | 10321.03 |
| 1+446.000 | 7.26 | 12.73 | 12.73 | 0.52 | 0.98 | 10900.03 | 10900.03 | 567.25 | 10332.78 |
| 1+447.875 | 7.56 | 13.89 | 13.89 | 0.46 | 0.92 | 10913.93 | 10913.93 | 568.17 | 10345.76 |
| 1+448.000 | 7.58 | 0.95  | 0.95  | 0.46 | 0.06 | 10914.87 | 10914.87 | 568.23 | 10346.65 |
| 1+449.000 | 7.72 | 7.65  | 7.65  | 0.43 | 0.44 | 10922.52 | 10922.52 | 568.67 | 10353.85 |
| 1+449.088 | 7.73 | 0.68  | 0.68  | 0.43 | 0.04 | 10923.20 | 10923.20 | 568.71 | 10354.49 |
| 1+451.000 | 7.94 | 14.98 | 14.98 | 0.37 | 0.77 | 10938.18 | 10938.18 | 569.48 | 10368.70 |
| 1+451.485 | 7.98 | 3.86  | 3.86  | 0.36 | 0.18 | 10942.04 | 10942.04 | 569.66 | 10372.39 |
| 1+453.500 | 8.13 | 16.23 | 16.23 | 0.31 | 0.68 | 10958.27 | 10958.27 | 570.33 | 10387.94 |
| 1+456.000 | 8.25 | 20.48 | 20.48 | 0.25 | 0.69 | 10978.75 | 10978.75 | 571.02 | 10407.73 |
| 1+456.319 | 8.27 | 2.64  | 2.64  | 0.24 | 0.08 | 10981.39 | 10981.39 | 571.10 | 10410.29 |
| 1+456.500 | 8.27 | 1.49  | 1.49  | 0.24 | 0.04 | 10982.89 | 10982.89 | 571.15 | 10411.74 |
| 1+458.500 | 8.35 | 16.62 | 16.62 | 0.20 | 0.43 | 10999.51 | 10999.51 | 571.58 | 10427.93 |
| 1+459.930 | 8.38 | 11.96 | 11.96 | 0.18 | 0.27 | 11011.47 | 11011.47 | 571.85 | 10439.62 |
| 1+460.000 | 8.39 | 0.59  | 0.59  | 0.18 | 0.01 | 11012.06 | 11012.06 | 571.86 | 10440.20 |
| 1+461.000 | 8.42 | 8.40  | 8.40  | 0.17 | 0.17 | 11020.46 | 11020.46 | 572.04 | 10448.43 |
| 1+461.149 | 8.41 | 1.25  | 1.25  | 0.17 | 0.03 | 11021.72 | 11021.72 | 572.06 | 10449.66 |
| 1+463.000 | 6.79 | 14.07 | 14.07 | 0.16 | 0.31 | 11035.79 | 11035.79 | 572.37 | 10463.42 |
| 1+463.500 | 6.62 | 3.35  | 3.35  | 0.17 | 0.08 | 11039.14 | 11039.14 | 572.45 | 10466.69 |
| 1+463.594 | 6.72 | 0.63  | 0.63  | 0.15 | 0.02 | 11039.77 | 11039.77 | 572.47 | 10467.30 |
| 1+463.595 | 7.07 | 0.00  | 0.00  | 0.16 | 0.00 | 11039.78 | 11039.78 | 572.47 | 10467.31 |
| 1+464.000 | 7.86 | 3.02  | 3.02  | 0.06 | 0.04 | 11042.80 | 11042.80 | 572.51 | 10470.29 |
| 1+467.000 | 7.59 | 23.18 | 23.18 | 0.19 | 0.36 | 11065.98 | 11065.98 | 572.88 | 10493.10 |
| 1+470.000 | 7.98 | 23.35 | 23.35 | 0.14 | 0.48 | 11089.33 | 11089.33 | 573.36 | 10515.97 |
| 1+473.000 | 8.49 | 24.70 | 24.70 | 0.06 | 0.29 | 11114.04 | 11114.04 | 573.65 | 10540.38 |

|           |       |        |        |      |       |          |          |        |          |
|-----------|-------|--------|--------|------|-------|----------|----------|--------|----------|
| 1+476.000 | 9.00  | 26.23  | 26.23  | 0.00 | 0.10  | 11140.27 | 11140.27 | 573.75 | 10566.52 |
| 1+479.000 | 9.53  | 27.78  | 27.78  | 0.00 | 0.00  | 11168.05 | 11168.05 | 573.76 | 10594.29 |
| 1+482.000 | 10.01 | 29.30  | 29.30  | 0.00 | 0.00  | 11197.35 | 11197.35 | 573.76 | 10623.59 |
| 1+485.000 | 10.20 | 30.31  | 30.31  | 0.00 | 0.00  | 11227.66 | 11227.66 | 573.76 | 10653.90 |
| 1+491.000 | 10.08 | 60.85  | 60.85  | 0.00 | 0.00  | 11288.51 | 11288.51 | 573.76 | 10714.75 |
| 1+497.000 | 9.35  | 58.30  | 58.30  | 0.09 | 0.28  | 11346.81 | 11346.81 | 574.04 | 10772.77 |
| 1+503.000 | 8.55  | 53.69  | 53.69  | 0.11 | 0.62  | 11400.50 | 11400.50 | 574.65 | 10825.85 |
| 1+504.798 | 8.33  | 15.18  | 15.18  | 0.14 | 0.23  | 11415.68 | 11415.68 | 574.88 | 10840.80 |
| 1+504.799 | 8.33  | 0.00   | 0.00   | 0.14 | 0.00  | 11415.69 | 11415.69 | 574.88 | 10840.81 |
| 1+525.000 | 6.56  | 150.45 | 150.45 | 0.52 | 6.63  | 11566.14 | 11566.14 | 581.51 | 10984.63 |
| 1+533.696 | 5.42  | 52.11  | 52.11  | 0.81 | 5.77  | 11618.25 | 11618.25 | 587.28 | 11030.97 |
| 1+550.000 | 8.11  | 110.35 | 110.35 | 0.22 | 8.37  | 11728.60 | 11728.60 | 595.65 | 11132.94 |
| 1+575.000 | 8.46  | 207.12 | 207.12 | 0.17 | 4.81  | 11935.71 | 11935.71 | 600.47 | 11335.25 |
| 1+584.437 | 9.48  | 84.61  | 84.61  | 0.06 | 1.08  | 12020.32 | 12020.32 | 601.55 | 11418.78 |
| 1+600.000 | 8.44  | 139.39 | 139.39 | 0.16 | 1.73  | 12159.72 | 12159.72 | 603.28 | 11556.44 |
| 1+625.000 | 7.90  | 204.15 | 204.15 | 0.14 | 3.77  | 12363.87 | 12363.87 | 607.05 | 11756.83 |
| 1+650.000 | 6.93  | 185.35 | 185.35 | 0.24 | 4.73  | 12549.22 | 12549.22 | 611.78 | 11937.44 |
| 1+675.000 | 6.46  | 167.47 | 167.47 | 0.46 | 8.73  | 12716.69 | 12716.69 | 620.51 | 12096.18 |
| 1+694.386 | 3.89  | 100.39 | 100.39 | 0.86 | 12.76 | 12817.09 | 12817.09 | 633.27 | 12183.81 |
| 1+700.000 | 3.07  | 19.55  | 19.55  | 1.29 | 6.04  | 12836.64 | 12836.64 | 639.31 | 12197.33 |
| 1+703.385 | 2.99  | 10.25  | 10.25  | 1.27 | 4.35  | 12846.89 | 12846.89 | 643.66 | 12203.23 |
| 1+703.388 | 2.99  | 0.00   | 0.00   | 1.27 | 0.00  | 12846.90 | 12846.90 | 643.66 | 12203.24 |
| 1+707.054 | 3.32  | 11.55  | 11.55  | 1.00 | 4.17  | 12858.45 | 12858.45 | 647.83 | 12210.62 |
| 1+709.454 | 4.00  | 8.78   | 8.78   | 0.83 | 2.20  | 12867.23 | 12867.23 | 650.03 | 12217.19 |
| 1+709.455 | 4.00  | 0.00   | 0.00   | 0.83 | 0.00  | 12867.23 | 12867.23 | 650.03 | 12217.20 |
| 1+710.665 | 4.56  | 5.17   | 5.17   | 0.82 | 1.00  | 12872.41 | 12872.41 | 651.03 | 12221.37 |
| 1+715.499 | 6.96  | 27.83  | 27.83  | 0.74 | 3.76  | 12900.24 | 12900.24 | 654.79 | 12245.44 |
| 1+716.231 | 6.46  | 4.91   | 4.91   | 1.10 | 0.67  | 12905.15 | 12905.15 | 655.46 | 12249.69 |
| 1+716.232 | 6.22  | 0.00   | 0.00   | 1.14 | 0.00  | 12905.16 | 12905.16 | 655.46 | 12249.69 |
| 1+719.000 | 5.61  | 16.38  | 16.38  | 1.37 | 3.47  | 12921.53 | 12921.53 | 658.94 | 12262.59 |
| 1+719.110 | 5.59  | 0.61   | 0.61   | 1.37 | 0.15  | 12922.14 | 12922.14 | 659.09 | 12263.06 |
| 1+720.329 | 5.46  | 6.74   | 6.74   | 1.33 | 1.64  | 12928.89 | 12928.89 | 660.73 | 12268.16 |
| 1+722.000 | 5.50  | 9.17   | 9.17   | 1.37 | 2.25  | 12938.05 | 12938.05 | 662.98 | 12275.07 |
| 1+722.775 | 5.51  | 4.27   | 4.27   | 1.33 | 1.04  | 12942.32 | 12942.32 | 664.02 | 12278.30 |
| 1+725.000 | 5.71  | 12.48  | 12.48  | 1.25 | 2.86  | 12954.80 | 12954.80 | 666.88 | 12287.92 |
| 1+728.000 | 5.92  | 17.44  | 17.44  | 1.11 | 3.53  | 12972.24 | 12972.24 | 670.42 | 12301.82 |
| 1+731.000 | 5.95  | 17.80  | 17.80  | 1.06 | 3.26  | 12990.04 | 12990.04 | 673.67 | 12316.36 |
| 1+734.000 | 5.86  | 17.71  | 17.71  | 1.09 | 3.23  | 13007.74 | 13007.74 | 676.90 | 12330.84 |

|           |      |       |       |      |      |          |          |        |          |
|-----------|------|-------|-------|------|------|----------|----------|--------|----------|
| 1+737.000 | 5.61 | 17.21 | 17.21 | 1.19 | 3.42 | 13024.95 | 13024.95 | 680.33 | 12344.62 |
| 1+737.214 | 5.59 | 1.20  | 1.20  | 1.20 | 0.26 | 13026.15 | 13026.15 | 680.58 | 12345.57 |
| 1+739.078 | 5.34 | 10.19 | 10.19 | 1.29 | 2.31 | 13036.34 | 13036.34 | 682.90 | 12353.44 |
| 1+740.000 | 5.21 | 4.86  | 4.86  | 1.36 | 1.22 | 13041.20 | 13041.20 | 684.12 | 12357.08 |
| 1+740.935 | 5.08 | 4.81  | 4.81  | 1.47 | 1.32 | 13046.01 | 13046.01 | 685.44 | 12360.57 |
| 1+743.000 | 4.86 | 10.26 | 10.26 | 1.66 | 3.23 | 13056.27 | 13056.27 | 688.67 | 12367.60 |
| 1+746.000 | 4.89 | 14.61 | 14.61 | 1.77 | 5.13 | 13070.88 | 13070.88 | 693.80 | 12377.08 |
| 1+749.000 | 4.94 | 14.73 | 14.73 | 1.73 | 5.24 | 13085.61 | 13085.61 | 699.05 | 12386.57 |
| 1+752.000 | 4.92 | 14.79 | 14.79 | 1.52 | 4.88 | 13100.41 | 13100.41 | 703.92 | 12396.48 |
| 1+755.000 | 4.94 | 14.80 | 14.80 | 1.38 | 4.35 | 13115.20 | 13115.20 | 708.28 | 12406.93 |
| 1+758.000 | 4.89 | 14.75 | 14.75 | 1.23 | 3.92 | 13129.95 | 13129.95 | 712.20 | 12417.75 |
| 1+761.000 | 4.77 | 14.49 | 14.49 | 1.10 | 3.50 | 13144.44 | 13144.44 | 715.69 | 12428.75 |
| 1+761.228 | 4.76 | 1.09  | 1.09  | 1.09 | 0.25 | 13145.53 | 13145.53 | 715.94 | 12429.58 |
| 1+763.085 | 4.73 | 8.81  | 8.81  | 1.04 | 1.97 | 13154.34 | 13154.34 | 717.92 | 12436.43 |
| 1+764.000 | 4.73 | 4.33  | 4.33  | 1.02 | 0.94 | 13158.67 | 13158.67 | 718.86 | 12439.81 |
| 1+764.856 | 4.74 | 4.05  | 4.05  | 0.95 | 0.85 | 13162.72 | 13162.72 | 719.71 | 12443.02 |
| 1+764.857 | 4.75 | 0.00  | 0.00  | 0.94 | 0.00 | 13162.73 | 13162.73 | 719.71 | 12443.02 |
| 1+764.949 | 4.75 | 0.44  | 0.44  | 0.95 | 0.09 | 13163.17 | 13163.17 | 719.79 | 12443.37 |
| 1+764.952 | 4.74 | 0.01  | 0.01  | 0.95 | 0.00 | 13163.18 | 13163.18 | 719.80 | 12443.38 |
| 1+767.000 | 4.90 | 9.87  | 9.87  | 0.82 | 1.81 | 13173.05 | 13173.05 | 721.61 | 12451.44 |
| 1+770.000 | 4.45 | 14.03 | 14.03 | 0.96 | 2.68 | 13187.08 | 13187.08 | 724.29 | 12462.79 |
| 1+770.474 | 4.39 | 2.09  | 2.09  | 0.98 | 0.46 | 13189.17 | 13189.17 | 724.75 | 12464.42 |
| 1+770.475 | 4.30 | 0.00  | 0.00  | 0.72 | 0.00 | 13189.18 | 13189.18 | 724.75 | 12464.43 |
| 1+775.000 | 3.89 | 18.54 | 18.54 | 0.82 | 3.49 | 13207.71 | 13207.71 | 728.24 | 12479.47 |
| 1+781.458 | 3.52 | 23.94 | 23.94 | 0.99 | 5.85 | 13231.65 | 13231.65 | 734.09 | 12497.56 |
| 1+781.459 | 3.52 | 0.00  | 0.00  | 0.99 | 0.00 | 13231.66 | 13231.66 | 734.09 | 12497.56 |
| 1+782.000 | 3.50 | 1.90  | 1.90  | 1.00 | 0.54 | 13233.56 | 13233.56 | 734.63 | 12498.93 |
| 1+782.814 | 3.47 | 2.84  | 2.84  | 1.00 | 0.81 | 13236.39 | 13236.39 | 735.44 | 12500.95 |
| 1+784.549 | 3.47 | 6.02  | 6.02  | 1.01 | 1.75 | 13242.42 | 13242.42 | 737.19 | 12505.23 |
| 1+786.277 | 3.57 | 6.09  | 6.09  | 1.00 | 1.74 | 13248.51 | 13248.51 | 738.93 | 12509.58 |
| 1+786.500 | 3.59 | 0.80  | 0.80  | 1.00 | 0.22 | 13249.30 | 13249.30 | 739.15 | 12510.15 |
| 1+787.089 | 3.65 | 2.13  | 2.13  | 0.99 | 0.59 | 13251.44 | 13251.44 | 739.74 | 12511.70 |
| 1+789.500 | 3.93 | 9.14  | 9.14  | 0.95 | 2.35 | 13260.58 | 13260.58 | 742.08 | 12518.49 |
| 1+792.500 | 3.78 | 11.57 | 11.57 | 0.91 | 2.80 | 13272.15 | 13272.15 | 744.88 | 12527.27 |
| 1+792.655 | 3.79 | 0.59  | 0.59  | 0.91 | 0.14 | 13272.74 | 13272.74 | 745.02 | 12527.72 |
| 1+794.000 | 3.97 | 5.22  | 5.22  | 0.91 | 1.23 | 13277.96 | 13277.96 | 746.25 | 12531.71 |
| 1+796.773 | 4.37 | 11.56 | 11.56 | 0.92 | 2.54 | 13289.52 | 13289.52 | 748.79 | 12540.73 |
| 1+796.966 | 4.38 | 0.84  | 0.84  | 0.92 | 0.18 | 13290.36 | 13290.36 | 748.96 | 12541.40 |



|           |      |       |       |      |      |          |          |        |          |
|-----------|------|-------|-------|------|------|----------|----------|--------|----------|
| 1+798.500 | 4.47 | 6.79  | 6.79  | 0.94 | 1.43 | 13297.15 | 13297.15 | 750.39 | 12546.76 |
| 1+798.713 | 4.46 | 0.95  | 0.95  | 0.94 | 0.20 | 13298.10 | 13298.10 | 750.59 | 12547.51 |
| 1+800.000 | 4.40 | 5.70  | 5.70  | 0.97 | 1.23 | 13303.81 | 13303.81 | 751.82 | 12551.99 |
| 1+801.339 | 4.29 | 5.82  | 5.82  | 0.99 | 1.31 | 13309.63 | 13309.63 | 753.13 | 12556.49 |
| 1+802.663 | 4.16 | 5.59  | 5.59  | 1.02 | 1.33 | 13315.22 | 13315.22 | 754.46 | 12560.76 |
| 1+803.158 | 4.10 | 2.04  | 2.04  | 1.03 | 0.51 | 13317.26 | 13317.26 | 754.97 | 12562.29 |
| 1+804.500 | 3.89 | 5.36  | 5.36  | 1.05 | 1.40 | 13322.62 | 13322.62 | 756.36 | 12566.26 |
| 1+804.964 | 3.81 | 1.79  | 1.79  | 1.06 | 0.49 | 13324.41 | 13324.41 | 756.86 | 12567.55 |
| 1+804.970 | 3.81 | 0.02  | 0.02  | 1.06 | 0.00 | 13324.43 | 13324.43 | 756.86 | 12567.57 |
| 1+806.000 | 3.62 | 3.83  | 3.83  | 1.09 | 1.11 | 13328.26 | 13328.26 | 757.97 | 12570.29 |
| 1+807.500 | 3.34 | 5.22  | 5.22  | 1.12 | 1.65 | 13333.48 | 13333.48 | 759.62 | 12573.85 |
| 1+809.000 | 3.07 | 4.81  | 4.81  | 1.15 | 1.71 | 13338.28 | 13338.28 | 761.33 | 12576.95 |
| 1+810.500 | 2.80 | 4.40  | 4.40  | 1.19 | 1.76 | 13342.68 | 13342.68 | 763.09 | 12579.59 |
| 1+812.000 | 2.54 | 4.00  | 4.00  | 1.22 | 1.81 | 13346.68 | 13346.68 | 764.90 | 12581.79 |
| 1+813.500 | 2.43 | 3.72  | 3.72  | 1.26 | 1.86 | 13350.41 | 13350.41 | 766.76 | 12583.65 |
| 1+814.768 | 2.43 | 3.08  | 3.08  | 1.29 | 1.62 | 13353.48 | 13353.48 | 768.38 | 12585.10 |
| 1+815.000 | 2.44 | 0.57  | 0.57  | 1.30 | 0.30 | 13354.05 | 13354.05 | 768.68 | 12585.37 |
| 1+815.226 | 2.45 | 0.55  | 0.55  | 1.31 | 0.29 | 13354.60 | 13354.60 | 768.98 | 12585.62 |
| 1+816.500 | 2.59 | 3.21  | 3.21  | 1.34 | 1.69 | 13357.81 | 13357.81 | 770.67 | 12587.14 |
| 1+817.132 | 2.70 | 1.67  | 1.67  | 1.36 | 0.85 | 13359.48 | 13359.48 | 771.52 | 12587.96 |
| 1+817.252 | 2.72 | 0.33  | 0.33  | 1.37 | 0.16 | 13359.80 | 13359.80 | 771.69 | 12588.12 |
| 1+818.000 | 2.90 | 2.10  | 2.10  | 1.39 | 1.03 | 13361.90 | 13361.90 | 772.71 | 12589.19 |
| 1+819.046 | 3.21 | 3.19  | 3.19  | 2.12 | 1.84 | 13365.10 | 13365.10 | 774.55 | 12590.54 |
| 1+819.474 | 3.22 | 1.38  | 1.38  | 2.27 | 0.94 | 13366.47 | 13366.47 | 775.49 | 12590.98 |
| 1+819.475 | 3.09 | 0.00  | 0.00  | 2.23 | 0.00 | 13366.48 | 13366.48 | 775.49 | 12590.98 |
| 1+821.000 | 3.40 | 4.95  | 4.95  | 1.91 | 3.15 | 13371.43 | 13371.43 | 778.65 | 12592.78 |
| 1+821.217 | 3.46 | 0.75  | 0.75  | 1.88 | 0.41 | 13372.17 | 13372.17 | 779.06 | 12593.11 |
| 1+823.074 | 3.71 | 6.66  | 6.66  | 1.66 | 3.29 | 13378.84 | 13378.84 | 782.35 | 12596.49 |
| 1+824.000 | 3.61 | 3.39  | 3.39  | 1.58 | 1.50 | 13382.23 | 13382.23 | 783.85 | 12598.38 |
| 1+827.000 | 3.29 | 10.35 | 10.35 | 1.59 | 4.75 | 13392.58 | 13392.58 | 788.60 | 12603.98 |
| 1+830.000 | 3.18 | 9.71  | 9.71  | 1.65 | 4.85 | 13402.28 | 13402.28 | 793.45 | 12608.83 |
| 1+833.000 | 3.08 | 9.39  | 9.39  | 1.68 | 4.99 | 13411.67 | 13411.67 | 798.44 | 12613.23 |
| 1+836.000 | 2.96 | 9.05  | 9.05  | 1.72 | 5.10 | 13420.72 | 13420.72 | 803.54 | 12617.18 |
| 1+839.000 | 2.81 | 8.65  | 8.65  | 1.74 | 5.18 | 13429.37 | 13429.37 | 808.72 | 12620.65 |
| 1+842.000 | 2.75 | 8.34  | 8.34  | 1.57 | 4.97 | 13437.71 | 13437.71 | 813.69 | 12624.02 |
| 1+843.367 | 2.89 | 3.86  | 3.86  | 1.48 | 2.09 | 13441.57 | 13441.57 | 815.78 | 12625.79 |
| 1+845.000 | 3.21 | 4.98  | 4.98  | 1.37 | 2.32 | 13446.55 | 13446.55 | 818.10 | 12628.45 |
| 1+845.224 | 3.27 | 0.73  | 0.73  | 1.35 | 0.30 | 13447.28 | 13447.28 | 818.41 | 12628.87 |

|           |      |        |        |      |      |          |          |        |          |
|-----------|------|--------|--------|------|------|----------|----------|--------|----------|
| 1+847.089 | 3.85 | 6.64   | 6.64   | 1.20 | 2.38 | 13453.92 | 13453.92 | 820.78 | 12633.13 |
| 1+848.000 | 4.22 | 3.68   | 3.68   | 1.19 | 1.09 | 13457.59 | 13457.59 | 821.87 | 12635.72 |
| 1+851.000 | 6.25 | 15.70  | 15.70  | 1.00 | 3.29 | 13473.29 | 13473.29 | 825.16 | 12648.13 |
| 1+854.000 | 6.17 | 18.63  | 18.63  | 0.84 | 2.76 | 13491.92 | 13491.92 | 827.92 | 12664.00 |
| 1+857.000 | 6.06 | 18.35  | 18.35  | 0.72 | 2.34 | 13510.27 | 13510.27 | 830.26 | 12680.01 |
| 1+860.000 | 5.95 | 18.01  | 18.01  | 0.64 | 2.04 | 13528.28 | 13528.28 | 832.30 | 12695.98 |
| 1+861.528 | 5.88 | 9.03   | 9.03   | 0.61 | 0.95 | 13537.32 | 13537.32 | 833.25 | 12704.06 |
| 1+863.000 | 5.81 | 8.61   | 8.61   | 0.59 | 0.88 | 13545.92 | 13545.92 | 834.13 | 12711.79 |
| 1+865.193 | 5.65 | 12.57  | 12.57  | 0.56 | 1.26 | 13558.49 | 13558.49 | 835.39 | 12723.10 |
| 1+866.000 | 5.57 | 4.53   | 4.53   | 0.54 | 0.44 | 13563.02 | 13563.02 | 835.83 | 12727.18 |
| 1+868.398 | 5.28 | 13.01  | 13.01  | 0.52 | 1.27 | 13576.03 | 13576.03 | 837.10 | 12738.93 |
| 1+868.804 | 5.22 | 2.13   | 2.13   | 0.51 | 0.21 | 13578.16 | 13578.16 | 837.31 | 12740.85 |
| 1+869.000 | 5.19 | 1.02   | 1.02   | 0.51 | 0.10 | 13579.18 | 13579.18 | 837.41 | 12741.77 |
| 1+872.000 | 4.70 | 14.85  | 14.85  | 0.50 | 1.51 | 13594.03 | 13594.03 | 838.92 | 12755.11 |
| 1+873.638 | 5.94 | 8.72   | 8.72   | 0.37 | 0.71 | 13602.75 | 13602.75 | 839.63 | 12763.12 |
| 1+875.000 | 7.42 | 9.10   | 9.10   | 0.33 | 0.47 | 13611.85 | 13611.85 | 840.10 | 12771.75 |
| 1+875.895 | 7.35 | 6.62   | 6.62   | 0.31 | 0.29 | 13618.47 | 13618.47 | 840.39 | 12778.08 |
| 1+877.249 | 7.24 | 9.87   | 9.87   | 0.29 | 0.41 | 13628.34 | 13628.34 | 840.80 | 12787.54 |
| 1+878.000 | 7.19 | 5.42   | 5.42   | 0.28 | 0.22 | 13633.77 | 13633.77 | 841.02 | 12792.75 |
| 1+880.497 | 7.08 | 17.82  | 17.82  | 0.26 | 0.68 | 13651.59 | 13651.59 | 841.70 | 12809.89 |
| 1+880.914 | 6.83 | 2.90   | 2.90   | 0.27 | 0.11 | 13654.49 | 13654.49 | 841.80 | 12812.69 |
| 1+880.915 | 7.08 | 0.00   | 0.00   | 0.31 | 0.00 | 13654.50 | 13654.50 | 841.81 | 12812.69 |
| 1+881.000 | 7.20 | 0.61   | 0.61   | 0.32 | 0.03 | 13655.10 | 13655.10 | 841.83 | 12813.27 |
| 1+884.000 | 7.72 | 22.38  | 22.38  | 0.07 | 0.58 | 13677.48 | 13677.48 | 842.41 | 12835.07 |
| 1+885.903 | 7.58 | 14.56  | 14.56  | 0.06 | 0.12 | 13692.04 | 13692.04 | 842.53 | 12849.51 |
| 1+887.000 | 7.50 | 8.27   | 8.27   | 0.05 | 0.06 | 13700.31 | 13700.31 | 842.59 | 12857.72 |
| 1+890.000 | 7.15 | 21.97  | 21.97  | 0.05 | 0.16 | 13722.28 | 13722.28 | 842.75 | 12879.53 |
| 1+893.000 | 6.76 | 20.86  | 20.86  | 0.07 | 0.18 | 13743.15 | 13743.15 | 842.93 | 12900.22 |
| 1+896.000 | 6.37 | 19.70  | 19.70  | 0.06 | 0.19 | 13762.84 | 13762.84 | 843.12 | 12919.72 |
| 1+896.756 | 6.27 | 4.78   | 4.78   | 0.14 | 0.07 | 13767.62 | 13767.62 | 843.19 | 12924.43 |
| 1+900.000 | 5.83 | 19.62  | 19.62  | 0.24 | 0.62 | 13787.24 | 13787.24 | 843.82 | 12943.42 |
| 1+925.000 | 5.47 | 141.27 | 141.27 | 0.33 | 7.16 | 13928.51 | 13928.51 | 850.98 | 13077.53 |
| 1+936.336 | 8.25 | 77.75  | 77.75  | 0.03 | 2.05 | 14006.26 | 14006.26 | 853.03 | 13153.22 |
| 1+950.000 | 6.81 | 102.88 | 102.88 | 0.18 | 1.44 | 14109.13 | 14109.13 | 854.47 | 13254.66 |
| 1+975.000 | 6.36 | 164.65 | 164.65 | 0.20 | 4.66 | 14273.78 | 14273.78 | 859.13 | 13414.65 |
| 2+000.000 | 6.28 | 158.01 | 158.01 | 0.16 | 4.43 | 14431.79 | 14431.79 | 863.56 | 13568.23 |
| 2+022.338 | 6.43 | 141.96 | 141.96 | 0.15 | 3.45 | 14573.75 | 14573.75 | 867.00 | 13706.74 |
| 2+025.000 | 6.54 | 17.26  | 17.26  | 0.14 | 0.38 | 14591.00 | 14591.00 | 867.38 | 13723.62 |

|           |      |        |        |      |      |          |          |        |          |
|-----------|------|--------|--------|------|------|----------|----------|--------|----------|
| 2+046.142 | 6.52 | 138.07 | 138.07 | 0.19 | 3.50 | 14729.07 | 14729.07 | 870.89 | 13858.18 |
| 2+050.000 | 6.31 | 24.46  | 24.46  | 0.24 | 0.83 | 14753.52 | 14753.52 | 871.72 | 13881.81 |
| 2+054.010 | 6.12 | 24.63  | 24.63  | 0.34 | 1.14 | 14778.16 | 14778.16 | 872.86 | 13905.30 |
| 2+054.011 | 6.11 | 0.00   | 0.00   | 0.39 | 0.00 | 14778.16 | 14778.16 | 872.86 | 13905.31 |
| 2+055.000 | 6.05 | 6.01   | 6.01   | 0.48 | 0.43 | 14784.18 | 14784.18 | 873.29 | 13910.89 |
| 2+057.148 | 6.01 | 12.94  | 12.94  | 0.49 | 1.04 | 14797.12 | 14797.12 | 874.33 | 13922.79 |
| 2+058.000 | 6.00 | 5.12   | 5.12   | 0.52 | 0.43 | 14802.24 | 14802.24 | 874.76 | 13927.48 |
| 2+059.537 | 6.00 | 9.22   | 9.22   | 0.57 | 0.84 | 14811.45 | 14811.45 | 875.60 | 13935.86 |
| 2+061.000 | 6.02 | 8.79   | 8.79   | 0.63 | 0.88 | 14820.25 | 14820.25 | 876.47 | 13943.77 |
| 2+064.000 | 6.09 | 18.17  | 18.17  | 0.75 | 2.06 | 14838.42 | 14838.42 | 878.53 | 13959.88 |
| 2+066.517 | 6.12 | 15.37  | 15.37  | 0.84 | 2.00 | 14853.79 | 14853.79 | 880.53 | 13973.26 |
| 2+066.661 | 6.12 | 0.88   | 0.88   | 0.85 | 0.12 | 14854.67 | 14854.67 | 880.65 | 13974.02 |
| 2+067.000 | 6.11 | 2.08   | 2.08   | 0.86 | 0.29 | 14856.74 | 14856.74 | 880.94 | 13975.80 |
| 2+069.034 | 6.02 | 12.34  | 12.34  | 0.92 | 1.80 | 14869.08 | 14869.08 | 882.74 | 13986.34 |
| 2+069.035 | 6.03 | 0.00   | 0.00   | 1.17 | 0.00 | 14869.08 | 14869.08 | 882.74 | 13986.34 |
| 2+069.276 | 6.01 | 1.45   | 1.45   | 1.20 | 0.28 | 14870.53 | 14870.53 | 883.03 | 13987.50 |
| 2+070.000 | 6.03 | 4.36   | 4.36   | 0.95 | 0.78 | 14874.89 | 14874.89 | 883.81 | 13991.09 |
| 2+071.245 | 5.92 | 7.44   | 7.44   | 0.98 | 1.20 | 14882.33 | 14882.33 | 885.01 | 13997.33 |
| 2+073.000 | 5.74 | 10.23  | 10.23  | 1.01 | 1.75 | 14892.57 | 14892.57 | 886.76 | 14005.81 |
| 2+076.000 | 5.44 | 16.77  | 16.77  | 1.07 | 3.12 | 14909.34 | 14909.34 | 889.88 | 14019.46 |
| 2+079.000 | 5.15 | 15.88  | 15.88  | 1.12 | 3.28 | 14925.21 | 14925.21 | 893.16 | 14032.06 |
| 2+081.684 | 4.90 | 13.48  | 13.48  | 1.33 | 3.28 | 14938.70 | 14938.70 | 896.44 | 14042.25 |
| 2+084.882 | 4.61 | 15.20  | 15.20  | 1.29 | 4.18 | 14953.90 | 14953.90 | 900.62 | 14053.27 |
| 2+085.000 | 4.60 | 0.54   | 0.54   | 1.28 | 0.15 | 14954.44 | 14954.44 | 900.78 | 14053.67 |
| 2+088.240 | 4.22 | 14.30  | 14.30  | 1.42 | 4.38 | 14968.74 | 14968.74 | 905.16 | 14063.58 |
| 2+088.241 | 4.22 | 0.00   | 0.00   | 1.42 | 0.00 | 14968.74 | 14968.74 | 905.16 | 14063.58 |
| 2+088.318 | 4.22 | 0.33   | 0.33   | 1.42 | 0.11 | 14969.07 | 14969.07 | 905.27 | 14063.80 |
| 2+090.460 | 3.93 | 8.72   | 8.72   | 1.50 | 3.13 | 14977.79 | 14977.79 | 908.40 | 14069.39 |
| 2+090.633 | 3.91 | 0.68   | 0.68   | 1.51 | 0.26 | 14978.47 | 14978.47 | 908.66 | 14069.81 |
| 2+093.856 | 3.54 | 12.01  | 12.01  | 1.94 | 5.56 | 14990.47 | 14990.47 | 914.22 | 14076.25 |
| 2+093.866 | 3.54 | 0.04   | 0.04   | 1.94 | 0.02 | 14990.51 | 14990.51 | 914.24 | 14076.26 |
| 2+093.867 | 3.54 | 0.00   | 0.00   | 1.34 | 0.00 | 14990.51 | 14990.51 | 914.25 | 14076.27 |
| 2+093.869 | 3.54 | 0.00   | 0.00   | 1.33 | 0.00 | 14990.52 | 14990.52 | 914.25 | 14076.27 |
| 2+095.500 | 3.38 | 5.64   | 5.64   | 1.60 | 2.40 | 14996.16 | 14996.16 | 916.64 | 14079.52 |
| 2+097.000 | 3.23 | 4.96   | 4.96   | 1.66 | 2.45 | 15001.12 | 15001.12 | 919.09 | 14082.02 |
| 2+097.116 | 3.22 | 0.37   | 0.37   | 1.67 | 0.19 | 15001.49 | 15001.49 | 919.29 | 14082.20 |
| 2+098.500 | 3.09 | 4.37   | 4.37   | 1.74 | 2.36 | 15005.86 | 15005.86 | 921.64 | 14084.21 |
| 2+101.365 | 2.78 | 8.41   | 8.41   | 1.86 | 5.16 | 15014.27 | 15014.27 | 926.80 | 14087.46 |

|           |      |        |        |      |       |          |          |         |          |
|-----------|------|--------|--------|------|-------|----------|----------|---------|----------|
| 2+103.000 | 2.60 | 4.40   | 4.40   | 1.95 | 3.11  | 15018.67 | 15018.67 | 929.92  | 14088.75 |
| 2+106.000 | 2.25 | 7.23   | 7.23   | 2.12 | 6.24  | 15025.90 | 15025.90 | 936.16  | 14089.73 |
| 2+106.479 | 2.19 | 1.06   | 1.06   | 2.15 | 1.02  | 15026.96 | 15026.96 | 937.18  | 14089.78 |
| 2+109.000 | 1.89 | 5.12   | 5.12   | 2.30 | 5.75  | 15032.08 | 15032.08 | 942.93  | 14089.15 |
| 2+111.267 | 1.69 | 4.04   | 4.04   | 1.66 | 4.69  | 15036.12 | 15036.12 | 947.62  | 14088.50 |
| 2+111.440 | 1.68 | 0.29   | 0.29   | 1.67 | 0.29  | 15036.41 | 15036.41 | 947.91  | 14088.50 |
| 2+112.000 | 1.69 | 0.94   | 0.94   | 2.43 | 1.15  | 15037.35 | 15037.35 | 949.06  | 14088.30 |
| 2+113.755 | 1.79 | 3.05   | 3.05   | 2.40 | 4.37  | 15040.40 | 15040.40 | 953.43  | 14086.97 |
| 2+113.865 | 1.80 | 0.20   | 0.20   | 1.62 | 0.22  | 15040.60 | 15040.60 | 953.65  | 14086.95 |
| 2+114.729 | 1.87 | 1.59   | 1.59   | 2.25 | 1.67  | 15042.19 | 15042.19 | 955.32  | 14086.87 |
| 2+115.000 | 2.20 | 0.55   | 0.55   | 2.04 | 0.58  | 15042.74 | 15042.74 | 955.90  | 14086.84 |
| 2+116.500 | 2.33 | 3.40   | 3.40   | 1.93 | 2.98  | 15046.13 | 15046.13 | 958.88  | 14087.25 |
| 2+117.042 | 2.38 | 1.27   | 1.27   | 1.90 | 1.04  | 15047.41 | 15047.41 | 959.92  | 14087.49 |
| 2+117.147 | 2.39 | 0.25   | 0.25   | 1.89 | 0.20  | 15047.66 | 15047.66 | 960.12  | 14087.54 |
| 2+118.726 | 2.56 | 3.91   | 3.91   | 1.79 | 2.91  | 15051.57 | 15051.57 | 963.03  | 14088.54 |
| 2+119.500 | 2.65 | 2.02   | 2.02   | 1.76 | 1.37  | 15053.59 | 15053.59 | 964.40  | 14089.19 |
| 2+121.000 | 2.85 | 4.13   | 4.13   | 1.69 | 2.58  | 15057.71 | 15057.71 | 966.99  | 14090.73 |
| 2+122.500 | 3.07 | 4.44   | 4.44   | 1.62 | 2.48  | 15062.15 | 15062.15 | 969.47  | 14092.68 |
| 2+122.863 | 3.12 | 1.12   | 1.12   | 1.60 | 0.59  | 15063.27 | 15063.27 | 970.06  | 14093.22 |
| 2+124.000 | 3.31 | 3.66   | 3.66   | 1.54 | 1.79  | 15066.93 | 15066.93 | 971.84  | 14095.09 |
| 2+125.500 | 3.58 | 5.16   | 5.16   | 1.46 | 2.25  | 15072.10 | 15072.10 | 974.10  | 14098.00 |
| 2+126.364 | 3.75 | 3.17   | 3.17   | 1.41 | 1.24  | 15075.26 | 15075.26 | 975.34  | 14099.92 |
| 2+127.000 | 3.90 | 2.43   | 2.43   | 1.37 | 0.88  | 15077.69 | 15077.69 | 976.22  | 14101.47 |
| 2+128.500 | 4.39 | 6.21   | 6.21   | 1.25 | 1.97  | 15083.91 | 15083.91 | 978.19  | 14105.72 |
| 2+128.866 | 4.54 | 1.64   | 1.64   | 1.22 | 0.45  | 15085.54 | 15085.54 | 978.64  | 14106.90 |
| 2+129.326 | 4.76 | 2.14   | 2.14   | 1.19 | 0.55  | 15087.68 | 15087.68 | 979.19  | 14108.49 |
| 2+130.000 | 5.09 | 3.32   | 3.32   | 1.14 | 0.78  | 15091.00 | 15091.00 | 979.98  | 14111.02 |
| 2+131.090 | 5.67 | 5.87   | 5.87   | 1.07 | 1.20  | 15096.87 | 15096.87 | 981.18  | 14115.69 |
| 2+131.197 | 5.73 | 0.61   | 0.61   | 1.06 | 0.11  | 15097.48 | 15097.48 | 981.29  | 14116.19 |
| 2+131.442 | 5.88 | 1.42   | 1.42   | 1.02 | 0.26  | 15098.90 | 15098.90 | 981.55  | 14117.35 |
| 2+162.692 | 8.95 | 237.02 | 237.02 | 0.78 | 28.21 | 15335.92 | 15335.92 | 1009.76 | 14326.17 |
| 2+163.000 | 8.71 | 2.72   | 2.72   | 0.88 | 0.26  | 15338.65 | 15338.65 | 1010.01 | 14328.64 |
| 2+164.347 | 7.50 | 10.92  | 10.92  | 1.52 | 1.61  | 15349.57 | 15349.57 | 1011.62 | 14337.94 |
| 2+164.500 | 7.33 | 1.13   | 1.13   | 1.54 | 0.23  | 15350.70 | 15350.70 | 1011.86 | 14338.84 |
| 2+164.826 | 7.07 | 2.35   | 2.35   | 1.58 | 0.51  | 15353.05 | 15353.05 | 1012.37 | 14340.68 |
| 2+165.029 | 6.95 | 1.43   | 1.43   | 1.61 | 0.32  | 15354.47 | 15354.47 | 1012.69 | 14341.78 |
| 2+165.474 | 6.74 | 3.04   | 3.04   | 1.67 | 0.73  | 15357.51 | 15357.51 | 1013.42 | 14344.09 |
| 2+166.000 | 6.54 | 3.50   | 3.50   | 1.74 | 0.90  | 15361.01 | 15361.01 | 1014.32 | 14346.69 |

|           |      |       |       |      |       |          |          |         |          |
|-----------|------|-------|-------|------|-------|----------|----------|---------|----------|
| 2+167.141 | 6.25 | 7.30  | 7.30  | 1.85 | 2.05  | 15368.31 | 15368.31 | 1016.36 | 14351.94 |
| 2+168.259 | 5.92 | 6.81  | 6.81  | 1.99 | 2.15  | 15375.11 | 15375.11 | 1018.51 | 14356.60 |
| 2+169.672 | 6.55 | 8.83  | 8.83  | 1.56 | 2.50  | 15383.94 | 15383.94 | 1021.01 | 14362.93 |
| 2+170.854 | 6.72 | 7.84  | 7.84  | 1.36 | 1.73  | 15391.79 | 15391.79 | 1022.74 | 14369.05 |
| 2+172.000 | 6.49 | 7.57  | 7.57  | 1.42 | 1.59  | 15399.36 | 15399.36 | 1024.33 | 14375.02 |
| 2+173.371 | 6.25 | 8.73  | 8.73  | 1.51 | 2.01  | 15408.08 | 15408.08 | 1026.34 | 14381.74 |
| 2+175.000 | 5.92 | 10.06 | 10.06 | 1.63 | 2.44  | 15418.14 | 15418.14 | 1028.79 | 14389.36 |
| 2+176.500 | 5.67 | 8.81  | 8.81  | 1.70 | 2.39  | 15426.95 | 15426.95 | 1031.18 | 14395.78 |
| 2+178.000 | 4.08 | 7.46  | 7.46  | 2.16 | 2.77  | 15434.41 | 15434.41 | 1033.94 | 14400.47 |
| 2+178.737 | 2.80 | 2.53  | 2.53  | 2.34 | 1.66  | 15436.95 | 15436.95 | 1035.60 | 14401.35 |
| 2+178.881 | 2.69 | 0.40  | 0.40  | 2.36 | 0.34  | 15437.34 | 15437.34 | 1035.94 | 14401.40 |
| 2+179.500 | 2.76 | 1.68  | 1.68  | 2.48 | 1.50  | 15439.03 | 15439.03 | 1037.44 | 14401.59 |
| 2+182.500 | 3.47 | 9.62  | 9.62  | 2.88 | 7.65  | 15448.64 | 15448.64 | 1045.09 | 14403.55 |
| 2+183.005 | 3.55 | 1.77  | 1.77  | 2.69 | 1.41  | 15450.42 | 15450.42 | 1046.50 | 14403.92 |
| 2+183.006 | 3.27 | 0.00  | 0.00  | 1.39 | 0.00  | 15450.42 | 15450.42 | 1046.50 | 14403.92 |
| 2+184.000 | 3.26 | 3.24  | 3.24  | 0.94 | 1.16  | 15453.66 | 15453.66 | 1047.66 | 14406.00 |
| 2+187.000 | 3.21 | 9.71  | 9.71  | 0.76 | 2.48  | 15463.38 | 15463.38 | 1050.13 | 14413.24 |
| 2+188.284 | 3.15 | 4.08  | 4.08  | 0.78 | 0.98  | 15467.46 | 15467.46 | 1051.12 | 14416.34 |
| 2+188.312 | 3.15 | 0.09  | 0.09  | 0.78 | 0.02  | 15467.55 | 15467.55 | 1051.14 | 14416.41 |
| 2+190.333 | 3.07 | 6.24  | 6.24  | 0.85 | 1.63  | 15473.78 | 15473.78 | 1052.77 | 14421.01 |
| 2+193.000 | 2.95 | 8.03  | 8.03  | 1.15 | 2.67  | 15481.81 | 15481.81 | 1055.44 | 14426.37 |
| 2+196.000 | 2.97 | 8.89  | 8.89  | 1.50 | 3.98  | 15490.70 | 15490.70 | 1059.42 | 14431.28 |
| 2+197.286 | 2.83 | 3.73  | 3.73  | 1.18 | 1.72  | 15494.43 | 15494.43 | 1061.15 | 14433.28 |
| 2+197.339 | 2.81 | 0.15  | 0.15  | 1.15 | 0.06  | 15494.58 | 15494.58 | 1061.21 | 14433.37 |
| 2+197.500 | 2.76 | 0.45  | 0.45  | 1.08 | 0.18  | 15495.03 | 15495.03 | 1061.39 | 14433.64 |
| 2+199.537 | 2.59 | 5.46  | 5.46  | 0.71 | 1.82  | 15500.48 | 15500.48 | 1063.21 | 14437.27 |
| 2+199.547 | 2.59 | 0.03  | 0.03  | 0.71 | 0.00  | 15500.51 | 15500.51 | 1063.22 | 14437.29 |
| 2+200.000 | 2.63 | 1.18  | 1.18  | 0.71 | 0.32  | 15501.69 | 15501.69 | 1063.54 | 14438.15 |
| 2+209.278 | 2.16 | 22.22 | 22.22 | 1.54 | 10.45 | 15523.91 | 15523.91 | 1073.99 | 14449.93 |
| 2+209.279 | 2.15 | 0.00  | 0.00  | 1.51 | 0.00  | 15523.92 | 15523.92 | 1073.99 | 14449.93 |
| 2+211.143 | 2.13 | 3.98  | 3.98  | 1.73 | 3.03  | 15527.90 | 15527.90 | 1077.02 | 14450.88 |
| 2+213.000 | 2.21 | 4.03  | 4.03  | 1.71 | 3.20  | 15531.93 | 15531.93 | 1080.22 | 14451.71 |
| 2+225.000 | 2.95 | 30.98 | 30.98 | 1.70 | 20.51 | 15562.91 | 15562.91 | 1100.73 | 14462.19 |
| 2+230.355 | 2.71 | 15.16 | 15.16 | 1.35 | 8.18  | 15578.07 | 15578.07 | 1108.90 | 14469.17 |
| 2+230.356 | 2.71 | 0.00  | 0.00  | 2.56 | 0.00  | 15578.08 | 15578.08 | 1108.91 | 14469.17 |
| 2+233.293 | 3.51 | 9.14  | 9.14  | 2.00 | 6.68  | 15587.21 | 15587.21 | 1115.59 | 14471.62 |
| 2+235.150 | 4.75 | 7.66  | 7.66  | 1.61 | 3.35  | 15594.88 | 15594.88 | 1118.94 | 14475.94 |
| 2+237.014 | 5.16 | 9.23  | 9.23  | 1.40 | 2.80  | 15604.10 | 15604.10 | 1121.74 | 14482.37 |

|           |      |       |       |      |       |          |          |         |          |
|-----------|------|-------|-------|------|-------|----------|----------|---------|----------|
| 2+250.000 | 6.30 | 74.35 | 74.35 | 0.64 | 13.25 | 15678.46 | 15678.46 | 1134.99 | 14543.47 |
| 2+251.453 | 6.18 | 9.06  | 9.06  | 0.66 | 0.95  | 15687.52 | 15687.52 | 1135.94 | 14551.58 |
| 2+255.119 | 5.97 | 22.26 | 22.26 | 0.93 | 2.93  | 15709.77 | 15709.77 | 1138.86 | 14570.91 |
| 2+256.332 | 5.86 | 7.17  | 7.17  | 0.95 | 1.14  | 15716.95 | 15716.95 | 1140.00 | 14576.95 |
| 2+258.437 | 5.35 | 11.79 | 11.79 | 1.03 | 2.08  | 15728.74 | 15728.74 | 1142.08 | 14586.66 |
| 2+258.438 | 5.12 | 0.00  | 0.00  | 0.61 | 0.00  | 15728.75 | 15728.75 | 1142.08 | 14586.67 |
| 2+258.729 | 4.97 | 1.47  | 1.47  | 0.73 | 0.20  | 15730.21 | 15730.21 | 1142.28 | 14587.94 |
| 2+263.563 | 4.23 | 22.26 | 22.26 | 0.56 | 3.12  | 15752.47 | 15752.47 | 1145.39 | 14607.07 |
| 2+267.174 | 3.97 | 14.80 | 14.80 | 0.42 | 1.77  | 15767.27 | 15767.27 | 1147.16 | 14620.11 |
| 2+268.393 | 4.02 | 4.87  | 4.87  | 0.42 | 0.52  | 15772.14 | 15772.14 | 1147.68 | 14624.47 |
| 2+270.839 | 4.30 | 10.18 | 10.18 | 0.28 | 0.86  | 15782.32 | 15782.32 | 1148.54 | 14633.78 |
| 2+270.840 | 5.00 | 0.00  | 0.00  | 0.28 | 0.00  | 15782.33 | 15782.33 | 1148.54 | 14633.79 |
| 2+275.000 | 6.17 | 23.23 | 23.23 | 0.20 | 1.00  | 15805.55 | 15805.55 | 1149.54 | 14656.02 |
| 2+285.799 | 6.56 | 68.72 | 68.72 | 0.06 | 1.36  | 15874.28 | 15874.28 | 1150.90 | 14723.37 |
| 2+300.000 | 6.89 | 95.51 | 95.51 | 0.00 | 0.40  | 15969.79 | 15969.79 | 1151.30 | 14818.49 |
| 2+311.028 | 7.70 | 80.46 | 80.46 | 0.00 | 0.00  | 16050.25 | 16050.25 | 1151.30 | 14898.94 |
| 2+325.000 | 6.28 | 97.64 | 97.64 | 0.02 | 0.13  | 16147.88 | 16147.88 | 1151.44 | 14996.45 |
| 2+326.016 | 6.20 | 6.34  | 6.34  | 0.03 | 0.03  | 16154.23 | 16154.23 | 1151.46 | 15002.77 |
| 2+327.000 | 6.13 | 6.06  | 6.06  | 0.05 | 0.04  | 16160.29 | 16160.29 | 1151.50 | 15008.79 |
| 2+327.050 | 6.12 | 0.30  | 0.30  | 0.05 | 0.00  | 16160.60 | 16160.60 | 1151.50 | 15009.09 |
| 2+327.500 | 6.07 | 2.75  | 2.75  | 0.05 | 0.02  | 16163.34 | 16163.34 | 1151.53 | 15011.82 |
| 2+329.369 | 5.80 | 11.10 | 11.10 | 0.11 | 0.15  | 16174.44 | 16174.44 | 1151.68 | 15022.77 |
| 2+329.500 | 5.79 | 0.76  | 0.76  | 0.12 | 0.01  | 16175.20 | 16175.20 | 1151.69 | 15023.51 |
| 2+329.523 | 5.79 | 0.13  | 0.13  | 0.12 | 0.00  | 16175.34 | 16175.34 | 1151.70 | 15023.64 |
| 2+331.190 | 5.73 | 9.60  | 9.60  | 0.20 | 0.27  | 16184.93 | 16184.93 | 1151.96 | 15032.97 |
| 2+331.500 | 5.74 | 1.78  | 1.78  | 0.22 | 0.06  | 16186.71 | 16186.71 | 1152.03 | 15034.68 |
| 2+331.987 | 5.78 | 2.81  | 2.81  | 0.24 | 0.11  | 16189.52 | 16189.52 | 1152.14 | 15037.38 |
| 2+333.500 | 6.07 | 8.97  | 8.97  | 0.29 | 0.40  | 16198.48 | 16198.48 | 1152.54 | 15045.94 |
| 2+336.000 | 6.82 | 16.12 | 16.12 | 0.27 | 0.70  | 16214.60 | 16214.60 | 1153.24 | 15061.36 |
| 2+338.500 | 7.31 | 17.67 | 17.67 | 0.33 | 0.75  | 16232.27 | 16232.27 | 1153.99 | 15078.28 |
| 2+341.000 | 7.64 | 18.69 | 18.69 | 0.39 | 0.90  | 16250.96 | 16250.96 | 1154.88 | 15096.08 |
| 2+341.500 | 7.71 | 3.84  | 3.84  | 0.39 | 0.20  | 16254.80 | 16254.80 | 1155.08 | 15099.72 |
| 2+341.600 | 7.72 | 0.77  | 0.77  | 0.40 | 0.04  | 16255.57 | 16255.57 | 1155.12 | 15100.46 |
| 2+343.500 | 7.87 | 14.81 | 14.81 | 0.42 | 0.78  | 16270.38 | 16270.38 | 1155.89 | 15114.49 |
| 2+343.511 | 7.87 | 0.09  | 0.09  | 0.42 | 0.00  | 16270.47 | 16270.47 | 1155.90 | 15114.57 |
| 2+343.521 | 7.87 | 0.08  | 0.08  | 0.42 | 0.00  | 16270.55 | 16270.55 | 1155.90 | 15114.65 |
| 2+345.357 | 7.85 | 14.43 | 14.43 | 0.43 | 0.78  | 16284.99 | 16284.99 | 1156.69 | 15128.30 |
| 2+346.000 | 7.79 | 5.02  | 5.02  | 0.44 | 0.28  | 16290.01 | 16290.01 | 1156.97 | 15133.04 |

|           |      |        |        |      |       |          |          |         |          |
|-----------|------|--------|--------|------|-------|----------|----------|---------|----------|
| 2+346.027 | 7.79 | 0.21   | 0.21   | 0.44 | 0.01  | 16290.22 | 16290.22 | 1156.98 | 15133.24 |
| 2+347.905 | 7.45 | 14.31  | 14.31  | 0.44 | 0.82  | 16304.53 | 16304.53 | 1157.80 | 15146.73 |
| 2+348.000 | 7.43 | 0.71   | 0.71   | 0.44 | 0.04  | 16305.24 | 16305.24 | 1157.84 | 15147.39 |
| 2+349.500 | 7.09 | 10.89  | 10.89  | 0.44 | 0.66  | 16316.13 | 16316.13 | 1158.51 | 15157.62 |
| 2+350.000 | 6.97 | 3.51   | 3.51   | 0.45 | 0.22  | 16319.64 | 16319.64 | 1158.73 | 15160.91 |
| 2+352.500 | 6.42 | 16.74  | 16.74  | 0.50 | 1.19  | 16336.38 | 16336.38 | 1159.91 | 15176.46 |
| 2+356.000 | 5.69 | 21.19  | 21.19  | 0.50 | 1.76  | 16357.57 | 16357.57 | 1161.67 | 15195.89 |
| 2+359.500 | 4.68 | 18.14  | 18.14  | 0.64 | 2.00  | 16375.71 | 16375.71 | 1163.67 | 15212.04 |
| 2+361.500 | 3.86 | 8.54   | 8.54   | 0.64 | 1.28  | 16384.25 | 16384.25 | 1164.95 | 15219.30 |
| 2+361.911 | 3.74 | 1.56   | 1.56   | 0.64 | 0.26  | 16385.81 | 16385.81 | 1165.21 | 15220.59 |
| 2+362.500 | 3.59 | 2.16   | 2.16   | 0.64 | 0.38  | 16387.97 | 16387.97 | 1165.59 | 15222.38 |
| 2+364.000 | 3.37 | 5.22   | 5.22   | 0.62 | 0.94  | 16393.19 | 16393.19 | 1166.53 | 15226.66 |
| 2+364.579 | 3.23 | 1.91   | 1.91   | 0.61 | 0.36  | 16395.10 | 16395.10 | 1166.89 | 15228.22 |
| 2+365.500 | 2.92 | 2.83   | 2.83   | 0.63 | 0.57  | 16397.93 | 16397.93 | 1167.46 | 15230.48 |
| 2+365.998 | 2.99 | 1.47   | 1.47   | 0.80 | 0.35  | 16399.40 | 16399.40 | 1167.81 | 15231.59 |
| 2+365.999 | 2.99 | 0.00   | 0.00   | 0.80 | 0.00  | 16399.41 | 16399.41 | 1167.81 | 15231.59 |
| 2+375.000 | 3.90 | 31.01  | 31.01  | 0.81 | 7.21  | 16430.41 | 16430.41 | 1175.02 | 15255.39 |
| 2+400.000 | 4.68 | 107.31 | 107.31 | 0.35 | 14.48 | 16537.73 | 16537.73 | 1189.50 | 15348.22 |
| 2+423.490 | 4.76 | 110.86 | 110.86 | 0.61 | 11.33 | 16648.59 | 16648.59 | 1200.83 | 15447.76 |
| 2+425.000 | 4.97 | 7.35   | 7.35   | 0.49 | 0.83  | 16655.93 | 16655.93 | 1201.67 | 15454.27 |
| 2+450.000 | 5.93 | 136.23 | 136.23 | 0.10 | 7.44  | 16792.17 | 16792.17 | 1209.11 | 15583.06 |
| 2+475.000 | 6.28 | 152.54 | 152.54 | 0.10 | 2.58  | 16944.71 | 16944.71 | 1211.69 | 15733.02 |
| 2+485.549 | 6.59 | 67.87  | 67.87  | 0.00 | 0.57  | 17012.57 | 17012.57 | 1212.26 | 15800.31 |
| 2+485.550 | 6.59 | 0.00   | 0.00   | 0.00 | 0.00  | 17012.58 | 17012.58 | 1212.26 | 15800.32 |
| 2+500.000 | 6.60 | 95.29  | 95.29  | 0.01 | 0.14  | 17107.87 | 17107.87 | 1212.40 | 15895.46 |
| 2+510.000 | 7.33 | 69.63  | 69.63  | 0.06 | 0.37  | 17177.50 | 17177.50 | 1212.78 | 15964.72 |
| 2+510.001 | 6.10 | 0.00   | 0.00   | 0.14 | 0.00  | 17177.51 | 17177.51 | 1212.78 | 15964.73 |
| 2+511.843 | 6.68 | 11.77  | 11.77  | 0.11 | 0.24  | 17189.27 | 17189.27 | 1213.01 | 15976.26 |
| 2+512.180 | 6.70 | 2.25   | 2.25   | 0.11 | 0.04  | 17191.53 | 17191.53 | 1213.05 | 15978.48 |
| 2+513.900 | 6.91 | 11.70  | 11.70  | 0.09 | 0.17  | 17203.23 | 17203.23 | 1213.22 | 15990.00 |
| 2+514.095 | 6.93 | 1.35   | 1.35   | 0.09 | 0.02  | 17204.58 | 17204.58 | 1213.24 | 15991.33 |
| 2+514.263 | 6.94 | 1.17   | 1.17   | 0.09 | 0.02  | 17205.74 | 17205.74 | 1213.26 | 15992.48 |
| 2+516.002 | 7.12 | 12.23  | 12.23  | 0.10 | 0.17  | 17217.97 | 17217.97 | 1213.42 | 16004.55 |
| 2+516.673 | 7.12 | 4.78   | 4.78   | 0.10 | 0.07  | 17222.75 | 17222.75 | 1213.49 | 16009.26 |
| 2+524.000 | 6.82 | 51.06  | 51.06  | 0.18 | 1.04  | 17273.82 | 17273.82 | 1214.53 | 16059.29 |
| 2+524.001 | 6.82 | 0.00   | 0.00   | 0.18 | 0.00  | 17273.83 | 17273.83 | 1214.53 | 16059.29 |
| 2+525.000 | 6.71 | 6.76   | 6.76   | 0.24 | 0.21  | 17280.58 | 17280.58 | 1214.74 | 16065.84 |
| 2+526.340 | 6.67 | 8.97   | 8.97   | 0.32 | 0.37  | 17289.55 | 17289.55 | 1215.12 | 16074.44 |

|           |      |        |        |      |      |          |          |         |          |
|-----------|------|--------|--------|------|------|----------|----------|---------|----------|
| 2+526.397 | 6.67 | 0.38   | 0.38   | 0.32 | 0.02 | 17289.93 | 17289.93 | 1215.14 | 16074.79 |
| 2+528.236 | 6.63 | 12.23  | 12.23  | 0.47 | 0.73 | 17302.16 | 17302.16 | 1215.87 | 16086.29 |
| 2+528.262 | 6.63 | 0.17   | 0.17   | 0.48 | 0.01 | 17302.33 | 17302.33 | 1215.88 | 16086.45 |
| 2+530.082 | 7.38 | 12.76  | 12.76  | 0.39 | 0.78 | 17315.09 | 17315.09 | 1216.66 | 16098.43 |
| 2+530.190 | 7.41 | 0.80   | 0.80   | 0.36 | 0.04 | 17315.89 | 17315.89 | 1216.70 | 16099.18 |
| 2+530.768 | 7.65 | 4.35   | 4.35   | 0.33 | 0.20 | 17320.24 | 17320.24 | 1216.90 | 16103.33 |
| 2+530.895 | 7.74 | 0.97   | 0.97   | 0.33 | 0.04 | 17321.21 | 17321.21 | 1216.94 | 16104.27 |
| 2+532.630 | 9.24 | 14.72  | 14.72  | 0.12 | 0.39 | 17335.93 | 17335.93 | 1217.33 | 16118.60 |
| 2+532.682 | 9.24 | 0.48   | 0.48   | 0.12 | 0.00 | 17336.42 | 17336.42 | 1217.34 | 16119.08 |
| 2+534.463 | 9.15 | 16.38  | 16.38  | 0.19 | 0.27 | 17352.79 | 17352.79 | 1217.61 | 16135.18 |
| 2+534.485 | 9.15 | 0.20   | 0.20   | 0.19 | 0.00 | 17352.99 | 17352.99 | 1217.61 | 16135.38 |
| 2+544.301 | 7.20 | 80.26  | 80.26  | 0.09 | 1.34 | 17433.25 | 17433.25 | 1218.95 | 16214.30 |
| 2+544.821 | 7.10 | 3.72   | 3.72   | 0.07 | 0.04 | 17436.97 | 17436.97 | 1218.99 | 16217.98 |
| 2+546.650 | 6.85 | 12.76  | 12.76  | 0.10 | 0.15 | 17449.73 | 17449.73 | 1219.14 | 16230.58 |
| 2+546.802 | 6.84 | 1.04   | 1.04   | 0.11 | 0.02 | 17450.77 | 17450.77 | 1219.16 | 16231.61 |
| 2+548.486 | 6.74 | 11.43  | 11.43  | 0.16 | 0.22 | 17462.20 | 17462.20 | 1219.38 | 16242.82 |
| 2+549.312 | 6.73 | 5.57   | 5.57   | 0.18 | 0.14 | 17467.77 | 17467.77 | 1219.52 | 16248.25 |
| 2+550.000 | 6.79 | 4.65   | 4.65   | 0.10 | 0.10 | 17472.42 | 17472.42 | 1219.62 | 16252.80 |
| 2+550.001 | 7.19 | 0.00   | 0.00   | 0.05 | 0.00 | 17472.43 | 17472.43 | 1219.62 | 16252.81 |
| 2+575.000 | 4.83 | 150.13 | 150.13 | 0.28 | 4.21 | 17622.56 | 17622.56 | 1223.83 | 16398.73 |
| 2+577.610 | 4.83 | 12.61  | 12.61  | 0.21 | 0.64 | 17635.17 | 17635.17 | 1224.48 | 16410.69 |
| 2+595.277 | 4.61 | 83.43  | 83.43  | 0.30 | 4.47 | 17718.59 | 17718.59 | 1228.95 | 16489.65 |
| 2+600.000 | 5.01 | 22.73  | 22.73  | 0.29 | 1.37 | 17741.32 | 17741.32 | 1230.32 | 16511.00 |
| 2+625.000 | 5.44 | 130.70 | 130.70 | 0.19 | 5.99 | 17872.02 | 17872.02 | 1236.31 | 16635.72 |
| 2+650.000 | 5.70 | 139.32 | 139.32 | 0.19 | 4.84 | 18011.34 | 18011.34 | 1241.15 | 16770.19 |
| 2+675.000 | 6.63 | 154.12 | 154.12 | 0.04 | 2.91 | 18165.46 | 18165.46 | 1244.06 | 16921.40 |
| 2+677.800 | 7.94 | 20.40  | 20.40  | 0.00 | 0.05 | 18185.86 | 18185.86 | 1244.11 | 16941.74 |
| 2+679.000 | 7.98 | 9.55   | 9.55   | 0.00 | 0.00 | 18195.41 | 18195.41 | 1244.11 | 16951.30 |
| 2+682.000 | 7.99 | 23.95  | 23.95  | 0.00 | 0.00 | 18219.36 | 18219.36 | 1244.11 | 16975.25 |
| 2+682.482 | 7.99 | 3.85   | 3.85   | 0.00 | 0.00 | 18223.21 | 18223.21 | 1244.11 | 16979.10 |
| 2+685.000 | 7.93 | 20.04  | 20.04  | 0.00 | 0.00 | 18243.25 | 18243.25 | 1244.11 | 16999.14 |
| 2+688.000 | 7.77 | 23.55  | 23.55  | 0.00 | 0.00 | 18266.80 | 18266.80 | 1244.11 | 17022.69 |
| 2+691.000 | 7.52 | 22.93  | 22.93  | 0.00 | 0.00 | 18289.73 | 18289.73 | 1244.11 | 17045.62 |
| 2+694.000 | 7.17 | 22.03  | 22.03  | 0.00 | 0.00 | 18311.76 | 18311.76 | 1244.11 | 17067.65 |
| 2+695.101 | 7.01 | 7.80   | 7.80   | 0.00 | 0.00 | 18319.56 | 18319.56 | 1244.11 | 17075.45 |
| 2+700.000 | 6.26 | 32.50  | 32.50  | 0.01 | 0.03 | 18352.06 | 18352.06 | 1244.15 | 17107.91 |
| 2+725.000 | 5.03 | 141.04 | 141.04 | 0.30 | 3.98 | 18493.10 | 18493.10 | 1248.12 | 17244.98 |
| 2+750.000 | 4.66 | 121.12 | 121.12 | 0.20 | 6.24 | 18614.22 | 18614.22 | 1254.36 | 17359.86 |



|           |      |        |        |      |      |          |          |         |          |
|-----------|------|--------|--------|------|------|----------|----------|---------|----------|
| 2+773.871 | 4.70 | 111.80 | 111.80 | 0.25 | 5.28 | 18726.02 | 18726.02 | 1259.64 | 17466.38 |
| 2+773.872 | 4.70 | 0.00   | 0.00   | 0.25 | 0.00 | 18726.02 | 18726.02 | 1259.64 | 17466.38 |
| 2+775.000 | 4.81 | 5.36   | 5.36   | 0.23 | 0.27 | 18731.39 | 18731.39 | 1259.91 | 17471.48 |
| 2+778.000 | 5.18 | 14.98  | 14.98  | 0.16 | 0.58 | 18746.37 | 18746.37 | 1260.49 | 17485.88 |
| 2+781.000 | 5.84 | 16.54  | 16.54  | 0.06 | 0.33 | 18762.91 | 18762.91 | 1260.81 | 17502.10 |
| 2+784.000 | 6.04 | 17.83  | 17.83  | 0.08 | 0.22 | 18780.74 | 18780.74 | 1261.03 | 17519.71 |
| 2+787.000 | 4.83 | 16.31  | 16.31  | 0.10 | 0.28 | 18797.05 | 18797.05 | 1261.31 | 17535.74 |
| 2+788.871 | 5.11 | 9.30   | 9.30   | 0.15 | 0.24 | 18806.35 | 18806.35 | 1261.55 | 17544.80 |
| 2+790.000 | 5.16 | 5.80   | 5.80   | 0.14 | 0.16 | 18812.14 | 18812.14 | 1261.71 | 17550.43 |
| 2+793.000 | 5.38 | 15.81  | 15.81  | 0.37 | 0.76 | 18827.95 | 18827.95 | 1262.47 | 17565.48 |
| 2+796.000 | 5.46 | 16.39  | 16.39  | 0.71 | 1.57 | 18844.35 | 18844.35 | 1264.04 | 17580.31 |
| 2+796.371 | 5.46 | 2.03   | 2.03   | 0.74 | 0.27 | 18846.38 | 18846.38 | 1264.31 | 17582.06 |
| 2+799.000 | 5.25 | 14.28  | 14.28  | 0.86 | 2.04 | 18860.65 | 18860.65 | 1266.35 | 17594.30 |
| 2+799.671 | 5.20 | 3.51   | 3.51   | 0.89 | 0.59 | 18864.16 | 18864.16 | 1266.94 | 17597.22 |
| 2+802.000 | 5.15 | 12.31  | 12.31  | 0.98 | 2.10 | 18876.48 | 18876.48 | 1269.04 | 17607.44 |
| 2+803.871 | 5.16 | 9.65   | 9.65   | 0.96 | 1.81 | 18886.12 | 18886.12 | 1270.85 | 17615.27 |
| 2+803.871 | 5.01 | 0.00   | 0.00   | 0.92 | 0.00 | 18886.12 | 18886.12 | 1270.85 | 17615.27 |
| 2+803.872 | 4.26 | 0.00   | 0.00   | 0.80 | 0.00 | 18886.13 | 18886.13 | 1270.85 | 17615.27 |
| 2+805.000 | 4.37 | 4.87   | 4.87   | 0.77 | 0.89 | 18890.99 | 18890.99 | 1271.74 | 17619.25 |
| 2+808.000 | 4.95 | 14.23  | 14.23  | 0.69 | 2.10 | 18905.22 | 18905.22 | 1273.84 | 17631.38 |
| 2+811.000 | 5.51 | 15.91  | 15.91  | 0.41 | 1.58 | 18921.13 | 18921.13 | 1275.42 | 17645.71 |
| 2+812.290 | 5.88 | 7.35   | 7.35   | 0.43 | 0.54 | 18928.48 | 18928.48 | 1275.95 | 17652.52 |
| 2+812.892 | 6.09 | 3.61   | 3.61   | 0.46 | 0.27 | 18932.08 | 18932.08 | 1276.22 | 17655.86 |
| 2+813.038 | 6.15 | 0.89   | 0.89   | 0.46 | 0.07 | 18932.97 | 18932.97 | 1276.29 | 17656.69 |
| 2+813.189 | 6.20 | 0.93   | 0.93   | 0.47 | 0.07 | 18933.91 | 18933.91 | 1276.36 | 17657.55 |
| 2+814.000 | 6.08 | 4.98   | 4.98   | 0.53 | 0.41 | 18938.89 | 18938.89 | 1276.76 | 17662.12 |
| 2+817.000 | 6.05 | 18.29  | 18.29  | 0.22 | 1.09 | 18957.17 | 18957.17 | 1277.85 | 17679.32 |
| 2+817.034 | 6.05 | 0.21   | 0.21   | 0.22 | 0.00 | 18957.38 | 18957.38 | 1277.86 | 17679.52 |
| 2+818.085 | 5.98 | 6.32   | 6.32   | 0.18 | 0.21 | 18963.70 | 18963.70 | 1278.07 | 17685.63 |
| 2+820.000 | 5.87 | 11.38  | 11.38  | 0.16 | 0.32 | 18975.08 | 18975.08 | 1278.39 | 17696.68 |
| 2+821.913 | 5.82 | 11.20  | 11.20  | 0.19 | 0.33 | 18986.28 | 18986.28 | 1278.72 | 17707.56 |
| 2+822.204 | 5.81 | 1.69   | 1.69   | 0.19 | 0.06 | 18987.97 | 18987.97 | 1278.78 | 17709.19 |
| 2+822.507 | 5.80 | 1.76   | 1.76   | 0.20 | 0.06 | 18989.73 | 18989.73 | 1278.84 | 17710.89 |
| 2+823.000 | 5.77 | 2.85   | 2.85   | 0.21 | 0.10 | 18992.58 | 18992.58 | 1278.94 | 17713.64 |
| 2+824.157 | 5.69 | 6.63   | 6.63   | 0.24 | 0.26 | 18999.21 | 18999.21 | 1279.20 | 17720.01 |
| 2+826.000 | 5.50 | 10.31  | 10.31  | 0.31 | 0.51 | 19009.52 | 19009.52 | 1279.71 | 17729.82 |
| 2+829.000 | 5.22 | 16.06  | 16.06  | 0.30 | 0.94 | 19025.58 | 19025.58 | 1280.64 | 17744.94 |
| 2+830.196 | 4.43 | 5.77   | 5.77   | 0.35 | 0.39 | 19031.35 | 19031.35 | 1281.03 | 17750.32 |

|           |      |        |        |      |       |          |          |         |          |
|-----------|------|--------|--------|------|-------|----------|----------|---------|----------|
| 2+830.197 | 5.76 | 0.00   | 0.00   | 0.18 | 0.00  | 19031.35 | 19031.35 | 1281.03 | 17750.32 |
| 2+832.000 | 5.54 | 10.18  | 10.18  | 0.26 | 0.40  | 19041.54 | 19041.54 | 1281.44 | 17760.10 |
| 2+835.000 | 5.24 | 16.19  | 16.19  | 0.31 | 0.87  | 19057.72 | 19057.72 | 1282.31 | 17775.41 |
| 2+837.696 | 5.53 | 14.53  | 14.53  | 0.27 | 0.79  | 19072.26 | 19072.26 | 1283.10 | 17789.16 |
| 2+838.000 | 5.57 | 1.69   | 1.69   | 0.26 | 0.08  | 19073.94 | 19073.94 | 1283.18 | 17790.76 |
| 2+841.000 | 5.88 | 17.15  | 17.15  | 0.16 | 0.63  | 19091.09 | 19091.09 | 1283.82 | 17807.28 |
| 2+844.000 | 4.85 | 16.09  | 16.09  | 0.61 | 1.16  | 19107.18 | 19107.18 | 1284.97 | 17822.21 |
| 2+845.196 | 4.52 | 5.60   | 5.60   | 0.70 | 0.78  | 19112.78 | 19112.78 | 1285.75 | 17827.03 |
| 2+847.000 | 4.10 | 7.77   | 7.77   | 0.75 | 1.31  | 19120.55 | 19120.55 | 1287.06 | 17833.49 |
| 2+850.000 | 3.48 | 11.37  | 11.37  | 0.72 | 2.21  | 19131.92 | 19131.92 | 1289.27 | 17842.65 |
| 2+853.000 | 3.12 | 9.90   | 9.90   | 0.68 | 2.10  | 19141.82 | 19141.82 | 1291.37 | 17850.45 |
| 2+856.000 | 3.03 | 9.22   | 9.22   | 0.67 | 2.04  | 19151.04 | 19151.04 | 1293.41 | 17857.64 |
| 2+859.000 | 2.79 | 8.73   | 8.73   | 0.69 | 2.04  | 19159.77 | 19159.77 | 1295.45 | 17864.32 |
| 2+860.189 | 2.72 | 3.28   | 3.28   | 0.70 | 0.82  | 19163.05 | 19163.05 | 1296.27 | 17866.78 |
| 2+860.190 | 2.72 | 0.00   | 0.00   | 0.70 | 0.00  | 19163.05 | 19163.05 | 1296.27 | 17866.78 |
| 2+860.196 | 2.73 | 0.02   | 0.02   | 0.70 | 0.00  | 19163.07 | 19163.07 | 1296.28 | 17866.79 |
| 2+872.175 | 5.65 | 50.18  | 50.18  | 0.42 | 6.69  | 19213.25 | 19213.25 | 1302.97 | 17910.28 |
| 2+872.176 | 6.63 | 0.00   | 0.00   | 1.21 | 0.00  | 19213.25 | 19213.25 | 1302.97 | 17910.28 |
| 2+872.500 | 6.54 | 2.13   | 2.13   | 1.01 | 0.36  | 19215.39 | 19215.39 | 1303.33 | 17912.06 |
| 2+874.000 | 7.83 | 10.78  | 10.78  | 0.89 | 1.42  | 19226.16 | 19226.16 | 1304.75 | 17921.41 |
| 2+878.500 | 8.65 | 37.07  | 37.07  | 0.80 | 3.79  | 19263.23 | 19263.23 | 1308.54 | 17954.70 |
| 2+881.534 | 8.90 | 26.62  | 26.62  | 0.73 | 2.31  | 19289.86 | 19289.86 | 1310.85 | 17979.01 |
| 2+884.784 | 9.19 | 29.40  | 29.40  | 0.65 | 2.25  | 19319.25 | 19319.25 | 1313.09 | 18006.16 |
| 2+886.000 | 9.29 | 11.23  | 11.23  | 0.63 | 0.78  | 19330.49 | 19330.49 | 1313.87 | 18016.61 |
| 2+887.500 | 9.39 | 14.01  | 14.01  | 0.58 | 0.91  | 19344.49 | 19344.49 | 1314.78 | 18029.71 |
| 2+893.500 | 9.72 | 57.32  | 57.32  | 0.47 | 3.18  | 19401.81 | 19401.81 | 1317.95 | 18083.86 |
| 2+896.651 | 9.82 | 30.78  | 30.78  | 0.70 | 1.84  | 19432.59 | 19432.59 | 1319.80 | 18112.79 |
| 2+898.000 | 9.31 | 12.91  | 12.91  | 0.68 | 0.93  | 19445.50 | 19445.50 | 1320.73 | 18124.78 |
| 2+902.500 | 8.94 | 41.06  | 41.06  | 0.37 | 2.36  | 19486.57 | 19486.57 | 1323.08 | 18163.48 |
| 2+902.578 | 8.94 | 0.69   | 0.69   | 0.38 | 0.03  | 19487.26 | 19487.26 | 1323.11 | 18164.14 |
| 2+902.578 | 7.07 | 0.00   | 0.00   | 0.06 | 0.00  | 19487.26 | 19487.26 | 1323.11 | 18164.15 |
| 2+904.000 | 6.90 | 9.93   | 9.93   | 0.06 | 0.09  | 19497.20 | 19497.20 | 1323.20 | 18173.99 |
| 2+907.000 | 6.53 | 20.15  | 20.15  | 0.07 | 0.21  | 19517.35 | 19517.35 | 1323.41 | 18193.94 |
| 2+907.461 | 6.47 | 2.99   | 2.99   | 0.08 | 0.03  | 19520.34 | 19520.34 | 1323.45 | 18196.90 |
| 2+925.000 | 5.81 | 107.68 | 107.68 | 0.55 | 5.53  | 19628.02 | 19628.02 | 1328.98 | 18299.05 |
| 2+950.000 | 5.80 | 145.16 | 145.16 | 0.34 | 11.20 | 19773.18 | 19773.18 | 1340.17 | 18433.01 |
| 2+960.000 | 6.28 | 60.41  | 60.41  | 0.13 | 2.36  | 19833.59 | 19833.59 | 1342.54 | 18491.06 |
| 2+975.000 | 7.22 | 101.22 | 101.22 | 0.02 | 1.15  | 19934.81 | 19934.81 | 1343.69 | 18591.12 |

|           |      |       |       |      |      |          |          |         |          |
|-----------|------|-------|-------|------|------|----------|----------|---------|----------|
| 2+986.035 | 5.59 | 70.64 | 70.64 | 0.17 | 1.08 | 20005.45 | 20005.45 | 1344.76 | 18660.69 |
| 2+986.036 | 6.28 | 0.00  | 0.00  | 0.17 | 0.00 | 20005.46 | 20005.46 | 1344.77 | 18660.69 |
| 2+988.000 | 5.86 | 11.92 | 11.92 | 0.12 | 0.29 | 20017.37 | 20017.37 | 1345.05 | 18672.32 |
| 2+991.000 | 6.36 | 18.32 | 18.32 | 0.14 | 0.39 | 20035.70 | 20035.70 | 1345.44 | 18690.26 |
| 2+994.000 | 7.19 | 20.32 | 20.32 | 0.00 | 0.21 | 20056.02 | 20056.02 | 1345.65 | 18710.36 |
| 2+997.000 | 6.15 | 20.01 | 20.01 | 0.05 | 0.08 | 20076.03 | 20076.03 | 1345.73 | 18730.30 |
| 3+000.000 | 5.43 | 17.38 | 17.38 | 0.25 | 0.45 | 20093.41 | 20093.41 | 1346.18 | 18747.23 |
| 3+001.035 | 4.99 | 5.39  | 5.39  | 0.33 | 0.30 | 20098.80 | 20098.80 | 1346.48 | 18752.32 |
| 3+003.000 | 4.38 | 9.21  | 9.21  | 0.51 | 0.82 | 20108.01 | 20108.01 | 1347.30 | 18760.71 |
| 3+006.000 | 4.76 | 13.71 | 13.71 | 0.61 | 1.68 | 20121.72 | 20121.72 | 1348.98 | 18772.74 |
| 3+008.535 | 5.17 | 12.59 | 12.59 | 0.35 | 1.22 | 20134.31 | 20134.31 | 1350.20 | 18784.11 |
| 3+009.000 | 5.28 | 2.43  | 2.43  | 0.31 | 0.15 | 20136.74 | 20136.74 | 1350.35 | 18786.39 |
| 3+012.000 | 6.13 | 17.12 | 17.12 | 0.11 | 0.63 | 20153.86 | 20153.86 | 1350.98 | 18802.88 |
| 3+015.000 | 6.59 | 18.99 | 18.99 | 0.08 | 0.30 | 20172.85 | 20172.85 | 1351.28 | 18821.57 |
| 3+016.035 | 6.67 | 6.86  | 6.86  | 0.10 | 0.09 | 20179.71 | 20179.71 | 1351.37 | 18828.34 |
| 3+016.036 | 6.35 | 0.00  | 0.00  | 0.34 | 0.00 | 20179.72 | 20179.72 | 1351.37 | 18828.35 |
| 3+018.000 | 6.78 | 12.89 | 12.89 | 0.26 | 0.59 | 20192.61 | 20192.61 | 1351.97 | 18840.65 |
| 3+020.607 | 7.43 | 18.52 | 18.52 | 0.06 | 0.42 | 20211.14 | 20211.14 | 1352.38 | 18858.76 |
| 3+021.000 | 7.42 | 2.92  | 2.92  | 0.17 | 0.04 | 20214.06 | 20214.06 | 1352.43 | 18861.63 |
| 3+024.000 | 7.10 | 21.69 | 21.69 | 0.22 | 0.60 | 20235.74 | 20235.74 | 1353.02 | 18882.72 |
| 3+025.179 | 7.23 | 8.45  | 8.45  | 0.24 | 0.27 | 20244.19 | 20244.19 | 1353.30 | 18890.90 |
| 3+025.180 | 7.62 | 0.00  | 0.00  | 0.03 | 0.00 | 20244.20 | 20244.20 | 1353.30 | 18890.90 |
| 3+027.000 | 7.96 | 14.18 | 14.18 | 0.05 | 0.07 | 20258.38 | 20258.38 | 1353.36 | 18905.02 |
| 3+030.000 | 8.13 | 24.10 | 24.10 | 0.04 | 0.14 | 20282.48 | 20282.48 | 1353.50 | 18928.98 |
| 3+032.679 | 8.21 | 21.89 | 21.89 | 0.02 | 0.08 | 20304.37 | 20304.37 | 1353.58 | 18950.79 |
| 3+033.000 | 8.22 | 2.64  | 2.64  | 0.01 | 0.00 | 20307.01 | 20307.01 | 1353.59 | 18953.42 |
| 3+036.000 | 8.23 | 24.66 | 24.66 | 0.00 | 0.02 | 20331.67 | 20331.67 | 1353.61 | 18978.06 |
| 3+039.000 | 8.16 | 24.57 | 24.57 | 0.00 | 0.00 | 20356.25 | 20356.25 | 1353.61 | 19002.64 |
| 3+040.179 | 8.11 | 9.59  | 9.59  | 0.00 | 0.00 | 20365.83 | 20365.83 | 1353.61 | 19012.23 |
| 3+042.000 | 8.10 | 14.75 | 14.75 | 0.00 | 0.00 | 20380.59 | 20380.59 | 1353.61 | 19026.98 |
| 3+042.555 | 7.82 | 4.42  | 4.42  | 0.00 | 0.00 | 20385.01 | 20385.01 | 1353.61 | 19031.40 |
| 3+042.556 | 5.51 | 0.00  | 0.00  | 0.00 | 0.00 | 20385.02 | 20385.02 | 1353.61 | 19031.41 |
| 3+045.000 | 5.47 | 13.42 | 13.42 | 0.00 | 0.00 | 20398.43 | 20398.43 | 1353.61 | 19044.82 |
| 3+048.000 | 5.43 | 16.35 | 16.35 | 0.00 | 0.00 | 20414.79 | 20414.79 | 1353.61 | 19061.18 |
| 3+051.000 | 5.39 | 16.22 | 16.22 | 0.00 | 0.00 | 20431.01 | 20431.01 | 1353.61 | 19077.40 |
| 3+054.000 | 5.34 | 16.09 | 16.09 | 0.00 | 0.00 | 20447.10 | 20447.10 | 1353.61 | 19093.49 |
| 3+055.179 | 5.32 | 6.29  | 6.29  | 0.00 | 0.00 | 20453.39 | 20453.39 | 1353.61 | 19099.78 |
| 3+055.180 | 5.32 | 0.00  | 0.00  | 0.00 | 0.00 | 20453.39 | 20453.39 | 1353.61 | 19099.78 |

|           |      |        |        |      |      |          |          |         |          |
|-----------|------|--------|--------|------|------|----------|----------|---------|----------|
| 3+075.000 | 5.06 | 102.95 | 102.95 | 0.00 | 0.00 | 20556.34 | 20556.34 | 1353.61 | 19202.73 |
| 3+081.834 | 4.87 | 33.93  | 33.93  | 0.05 | 0.16 | 20590.27 | 20590.27 | 1353.77 | 19236.50 |
| 3+082.667 | 4.87 | 4.04   | 4.04   | 0.04 | 0.04 | 20594.31 | 20594.31 | 1353.81 | 19240.50 |

**W= 20 594,31 m<sup>3</sup> N= 1 353,81 m<sup>3</sup>**

Linia trasowania: **RONDO**

Pikieta początkowa: km 0+000.000

Pikieta końcowa: km 0+097.380

| Pikieta   | Powierzchnia wykopu (m2) | Objętość wykopu (m3) | Objętość do ponownego wykorzystania | Powierzchnia nasypu (m2) | Objętość nasypu (m3) | Całk. obj. wykopu (m3) | Całk. obj. do ponownego wykorzystania (m3) | Całk. obj. nasypu (m3) | Całk. obj. netto (m3) |
|-----------|--------------------------|----------------------|-------------------------------------|--------------------------|----------------------|------------------------|--|------------------------|-----------------------|
| 0+000.000 | 8.50                     | 0.00                 | 0.00                                | 3.09                     | 0.00                 | 0.00                   | 0.00                                       | 0.00                   | 0.00                  |
| 0+003.000 | 6.94                     | 19.36                | 19.36                               | 3.72                     | 1.75                 | 19.36                  | 19.36                                      | 1.75                   | 17.60                 |
| 0+004.985 | 6.86                     | 11.54                | 11.54                               | 3.80                     | 1.35                 | 30.90                  | 30.90                                      | 3.11                   | 27.80                 |
| 0+006.000 | 6.83                     | 5.98                 | 5.98                                | 3.82                     | 0.71                 | 36.88                  | 36.88                                      | 3.81                   | 33.07                 |
| 0+009.000 | 5.90                     | 16.85                | 16.85                               | 3.97                     | 2.26                 | 53.73                  | 53.73                                      | 6.07                   | 47.65                 |
| 0+009.468 | 5.19                     | 2.32                 | 2.32                                | 4.38                     | 0.48                 | 56.05                  | 56.05                                      | 6.56                   | 49.49                 |
| 0+009.469 | 5.11                     | 0.00                 | 0.00                                | 4.38                     | 0.00                 | 56.05                  | 56.05                                      | 6.56                   | 49.49                 |
| 0+012.000 | 4.10                     | 10.30                | 10.30                               | 4.68                     | 3.48                 | 66.35                  | 66.35                                      | 10.04                  | 56.32                 |
| 0+012.992 | 3.65                     | 3.38                 | 3.38                                | 4.82                     | 1.53                 | 69.73                  | 69.73                                      | 11.57                  | 58.17                 |
| 0+014.382 | 3.51                     | 4.36                 | 4.36                                | 4.90                     | 2.25                 | 74.09                  | 74.09                                      | 13.81                  | 60.28                 |
| 0+015.000 | 3.45                     | 1.89                 | 1.89                                | 4.92                     | 1.02                 | 75.99                  | 75.99                                      | 14.83                  | 61.16                 |
| 0+016.516 | 3.29                     | 4.51                 | 4.51                                | 4.97                     | 2.53                 | 80.49                  | 80.49                                      | 17.36                  | 63.14                 |
| 0+018.000 | 3.09                     | 4.17                 | 4.17                                | 5.04                     | 2.53                 | 84.66                  | 84.66                                      | 19.89                  | 64.77                 |
| 0+020.039 | 2.78                     | 5.24                 | 5.24                                | 5.15                     | 3.62                 | 89.91                  | 89.91                                      | 23.51                  | 66.40                 |
| 0+021.000 | 2.62                     | 2.27                 | 2.27                                | 5.21                     | 1.78                 | 92.17                  | 92.17                                      | 25.29                  | 66.89                 |
| 0+021.200 | 2.59                     | 0.52                 | 0.52                                | 5.22                     | 1.04                 | 92.69                  | 92.69                                      | 26.33                  | 66.37                 |
| 0+021.201 | 2.64                     | 0.00                 | 0.00                                | 5.19                     | 0.00                 | 92.70                  | 92.70                                      | 26.34                  | 66.36                 |
| 0+024.000 | 2.97                     | 7.03                 | 7.03                                | 4.43                     | 3.85                 | 99.73                  | 99.73                                      | 30.19                  | 69.54                 |
| 0+024.013 | 2.96                     | 0.04                 | 0.04                                | 4.43                     | 0.06                 | 99.76                  | 99.76                                      | 30.24                  | 69.52                 |
| 0+024.724 | 2.70                     | 1.83                 | 1.83                                | 4.45                     | 0.64                 | 101.59                 | 101.59                                     | 30.89                  | 70.70                 |
| 0+027.000 | 2.28                     | 5.01                 | 5.01                                | 4.46                     | 2.07                 | 106.60                 | 106.60                                     | 32.96                  | 73.64                 |
| 0+028.248 | 2.14                     | 2.36                 | 2.36                                | 4.45                     | 1.14                 | 108.96                 | 108.96                                     | 34.10                  | 74.86                 |
| 0+030.000 | 1.97                     | 3.01                 | 3.01                                | 4.44                     | 1.60                 | 111.97                 | 111.97                                     | 35.70                  | 76.26                 |
| 0+031.771 | 1.85                     | 2.76                 | 2.76                                | 4.42                     | 1.62                 | 114.73                 | 114.73                                     | 37.32                  | 77.40                 |

|           |      |       |       |      |      |        |        |       |        |
|-----------|------|-------|-------|------|------|--------|--------|-------|--------|
| 0+033.000 | 1.80 | 1.81  | 1.81  | 4.41 | 1.12 | 116.53 | 116.53 | 38.44 | 78.09  |
| 0+033.469 | 1.80 | 0.68  | 0.68  | 4.40 | 0.43 | 117.21 | 117.21 | 38.87 | 78.34  |
| 0+035.294 | 1.87 | 2.68  | 2.68  | 4.35 | 1.65 | 119.89 | 119.89 | 40.52 | 79.37  |
| 0+036.000 | 1.92 | 1.07  | 1.07  | 4.35 | 0.63 | 120.96 | 120.96 | 41.15 | 79.81  |
| 0+037.908 | 2.11 | 3.07  | 3.07  | 4.37 | 1.72 | 124.03 | 124.03 | 42.88 | 81.15  |
| 0+038.817 | 2.21 | 1.56  | 1.56  | 4.34 | 0.82 | 125.59 | 125.59 | 43.69 | 81.89  |
| 0+039.000 | 2.23 | 0.41  | 0.41  | 4.36 | 0.80 | 125.99 | 125.99 | 44.49 | 81.50  |
| 0+042.000 | 2.68 | 5.76  | 5.76  | 4.30 | 2.69 | 131.75 | 131.75 | 47.18 | 84.57  |
| 0+042.341 | 2.69 | 0.71  | 0.71  | 4.34 | 0.31 | 132.46 | 132.46 | 47.48 | 84.97  |
| 0+045.000 | 2.81 | 5.63  | 5.63  | 3.81 | 2.21 | 138.09 | 138.09 | 49.70 | 88.39  |
| 0+045.864 | 2.97 | 1.91  | 1.91  | 3.79 | 0.66 | 140.00 | 140.00 | 50.35 | 89.64  |
| 0+048.000 | 3.04 | 4.88  | 4.88  | 3.75 | 1.61 | 144.88 | 144.88 | 51.96 | 92.92  |
| 0+048.690 | 3.05 | 1.60  | 1.60  | 3.74 | 0.51 | 146.48 | 146.48 | 52.48 | 94.00  |
| 0+049.387 | 3.05 | 1.61  | 1.61  | 3.73 | 0.52 | 148.09 | 148.09 | 52.99 | 95.09  |
| 0+051.000 | 3.01 | 3.69  | 3.69  | 3.71 | 1.19 | 151.78 | 151.78 | 54.18 | 97.60  |
| 0+051.868 | 2.97 | 1.95  | 1.95  | 3.71 | 0.63 | 153.73 | 153.73 | 54.82 | 98.92  |
| 0+052.910 | 2.89 | 2.28  | 2.28  | 3.70 | 0.76 | 156.01 | 156.01 | 55.57 | 100.44 |
| 0+054.000 | 2.77 | 2.27  | 2.27  | 3.69 | 0.79 | 158.28 | 158.28 | 56.36 | 101.92 |
| 0+056.434 | 2.88 | 5.00  | 5.00  | 3.67 | 1.74 | 163.28 | 163.28 | 58.10 | 105.18 |
| 0+057.000 | 2.89 | 1.19  | 1.19  | 3.67 | 0.40 | 164.47 | 164.47 | 58.50 | 105.97 |
| 0+059.957 | 3.07 | 6.40  | 6.40  | 3.65 | 2.08 | 170.87 | 170.87 | 60.58 | 110.29 |
| 0+060.000 | 3.07 | 0.13  | 0.13  | 3.65 | 0.16 | 171.00 | 171.00 | 60.74 | 110.26 |
| 0+063.000 | 3.38 | 7.10  | 7.10  | 3.65 | 2.08 | 178.10 | 178.10 | 62.83 | 115.28 |
| 0+063.480 | 3.43 | 1.21  | 1.21  | 3.65 | 0.33 | 179.31 | 179.31 | 63.16 | 116.15 |
| 0+066.000 | 3.62 | 6.59  | 6.59  | 3.65 | 1.73 | 185.90 | 185.90 | 64.88 | 121.02 |
| 0+067.003 | 3.65 | 2.72  | 2.72  | 3.65 | 0.68 | 188.62 | 188.62 | 65.57 | 123.05 |
| 0+069.000 | 3.70 | 5.47  | 5.47  | 3.65 | 1.35 | 194.10 | 194.10 | 66.92 | 127.17 |
| 0+070.527 | 3.74 | 4.23  | 4.23  | 3.65 | 1.03 | 198.33 | 198.33 | 67.95 | 130.37 |
| 0+072.000 | 3.85 | 4.18  | 4.18  | 3.64 | 0.99 | 202.51 | 202.51 | 68.94 | 133.56 |
| 0+072.700 | 3.92 | 2.04  | 2.04  | 3.65 | 0.47 | 204.55 | 204.55 | 69.41 | 135.14 |
| 0+074.050 | 4.56 | 4.37  | 4.37  | 3.63 | 0.90 | 208.91 | 208.91 | 70.31 | 138.60 |
| 0+075.000 | 5.02 | 3.54  | 3.54  | 3.60 | 0.62 | 212.45 | 212.45 | 70.94 | 141.52 |
| 0+077.573 | 6.56 | 12.01 | 12.01 | 3.48 | 1.62 | 224.46 | 224.46 | 72.56 | 151.90 |
| 0+078.000 | 6.85 | 2.37  | 2.37  | 3.46 | 0.26 | 226.83 | 226.83 | 72.82 | 154.02 |
| 0+081.000 | 8.28 | 19.36 | 19.36 | 3.33 | 1.75 | 246.19 | 246.19 | 74.57 | 171.62 |
| 0+081.096 | 8.27 | 0.80  | 0.80  | 3.33 | 0.32 | 246.99 | 246.99 | 74.89 | 172.10 |
| 0+082.069 | 7.62 | 6.61  | 6.61  | 3.69 | 0.78 | 253.60 | 253.60 | 75.67 | 177.93 |
| 0+082.070 | 7.54 | 0.01  | 0.01  | 3.69 | 0.00 | 253.62 | 253.62 | 75.68 | 177.94 |

|           |      |       |       |      |      |        |        |       |        |
|-----------|------|-------|-------|------|------|--------|--------|-------|--------|
| 0+083.349 | 7.79 | 8.22  | 8.22  | 3.46 | 1.19 | 261.83 | 261.83 | 76.86 | 184.97 |
| 0+083.352 | 7.79 | 0.02  | 0.02  | 3.46 | 0.01 | 261.86 | 261.86 | 76.88 | 184.98 |
| 0+083.911 | 7.92 | 3.68  | 3.68  | 3.44 | 0.45 | 265.54 | 265.54 | 77.33 | 188.21 |
| 0+084.000 | 7.93 | 0.70  | 0.70  | 3.45 | 0.30 | 266.24 | 266.24 | 77.63 | 188.61 |
| 0+085.593 | 7.92 | 10.52 | 10.52 | 3.72 | 1.66 | 276.76 | 276.76 | 79.29 | 197.48 |
| 0+087.000 | 7.77 | 9.15  | 9.15  | 4.04 | 2.08 | 285.92 | 285.92 | 81.37 | 204.55 |
| 0+088.378 | 7.48 | 8.61  | 8.61  | 4.42 | 2.72 | 294.53 | 294.53 | 84.09 | 210.44 |
| 0+088.379 | 7.56 | 0.00  | 0.00  | 4.42 | 0.00 | 294.53 | 294.53 | 84.09 | 210.44 |
| 0+090.000 | 8.72 | 10.98 | 10.98 | 3.31 | 2.43 | 305.51 | 305.51 | 86.52 | 218.99 |
| 0+091.902 | 9.63 | 15.24 | 15.24 | 3.15 | 1.20 | 320.75 | 320.75 | 87.72 | 233.03 |
| 0+093.000 | 9.49 | 9.35  | 9.35  | 3.15 | 0.56 | 330.10 | 330.10 | 88.29 | 241.81 |
| 0+095.426 | 8.57 | 19.10 | 19.10 | 3.16 | 1.25 | 349.20 | 349.20 | 89.53 | 259.66 |
| 0+096.000 | 8.48 | 4.17  | 4.17  | 3.14 | 0.29 | 353.36 | 353.36 | 89.83 | 263.53 |
| 0+097.380 | 8.50 | 9.88  | 9.88  | 3.10 | 0.70 | 363.24 | 363.24 | 90.53 | 272.72 |

**W= 363,24 m<sup>3</sup>    N= 90.53 m<sup>3</sup>**

Linia trasowania: **PONIATOWSKIEGO**

Pikieta początkowa: km 0+012.000

Pikieta końcowa: km 0+101.247

| Pikieta   | Powierzchnia wykopu (m2) | Objętość wykopu (m3) | Objętość do ponownego wykorzystania (m3) | Powierzchnia nasypu (m2) | Objętość nasypu (m3) | Całk. obj. wykopu (m3) | Całk. obj. do ponownego wykorzystania (m3) | Całk. obj. nasypu (m3) | Całk. obj. netto (m3) |
|-----------|--------------------------|----------------------|--|--------------------------|----------------------|------------------------|--|------------------------|-----------------------|
| 0+012.000 | 5.82                     | 0.00                 | 0.00                                     | 0.90                     | 0.00                 | 0.00                   | 0.00                                       | 0.00                   | 0.00                  |
| 0+013.500 | 6.05                     | 8.90                 | 8.90                                     | 0.96                     | 1.40                 | 8.90                   | 8.90                                       | 1.40                   | 7.50                  |
| 0+014.648 | 6.09                     | 6.97                 | 6.97                                     | 0.45                     | 0.81                 | 15.87                  | 15.87                                      | 2.21                   | 13.66                 |
| 0+015.000 | 6.27                     | 2.17                 | 2.17                                     | 0.51                     | 0.17                 | 18.04                  | 18.04                                      | 2.38                   | 15.66                 |
| 0+017.851 | 7.62                     | 10.22                | 10.22                                    | 0.75                     | 0.93                 | 38.59                  | 38.59                                      | 4.16                   | 34.43                 |
| 0+018.000 | 7.63                     | 1.13                 | 1.13                                     | 0.76                     | 0.11                 | 39.73                  | 39.73                                      | 4.27                   | 35.46                 |
| 0+019.500 | 7.77                     | 9.59                 | 9.59                                     | 0.94                     | 1.07                 | 51.28                  | 51.28                                      | 5.54                   | 45.74                 |
| 0+022.500 | 8.08                     | 12.00                | 12.00                                    | 1.44                     | 1.95                 | 75.06                  | 75.06                                      | 9.07                   | 65.98                 |
| 0+024.000 | 8.23                     | 7.48                 | 7.48                                     | 1.75                     | 1.51                 | 87.29                  | 87.29                                      | 11.47                  | 75.83                 |
| 0+025.500 | 8.34                     | 12.43                | 12.43                                    | 2.00                     | 2.81                 | 99.72                  | 99.72                                      | 14.28                  | 85.45                 |
| 0+026.694 | 8.38                     | 9.98                 | 9.98                                     | 2.12                     | 2.46                 | 109.71                 | 109.71                                     | 16.74                  | 92.97                 |

|           |      |       |       |      |      |        |        |        |        |
|-----------|------|-------|-------|------|------|--------|--------|--------|--------|
| 0+027.000 | 8.39 | 2.56  | 2.56  | 2.15 | 0.65 | 112.27 | 112.27 | 17.39  | 94.88  |
| 0+028.500 | 8.41 | 12.60 | 12.60 | 2.21 | 3.27 | 124.87 | 124.87 | 20.65  | 104.22 |
| 0+029.942 | 8.41 | 12.12 | 12.12 | 2.19 | 3.17 | 137.00 | 137.00 | 23.83  | 113.17 |
| 0+034.500 | 8.39 | 12.63 | 12.63 | 2.17 | 3.23 | 175.39 | 175.39 | 33.62  | 141.77 |
| 0+040.000 | 8.38 | 8.39  | 8.39  | 2.37 | 2.39 | 221.53 | 221.53 | 46.44  | 175.09 |
| 0+040.500 | 8.37 | 4.19  | 4.19  | 2.35 | 1.18 | 225.72 | 225.72 | 47.62  | 178.10 |
| 0+044.798 | 8.28 | 10.77 | 10.77 | 2.24 | 2.90 | 261.53 | 261.53 | 57.32  | 204.21 |
| 0+045.000 | 8.28 | 1.67  | 1.67  | 2.24 | 0.45 | 263.20 | 263.20 | 57.77  | 205.43 |
| 0+046.662 | 8.21 | 1.33  | 1.33  | 2.21 | 0.36 | 276.91 | 276.91 | 61.47  | 215.44 |
| 0+048.000 | 8.60 | 11.25 | 11.25 | 0.98 | 2.13 | 288.16 | 288.16 | 63.60  | 224.56 |
| 0+049.500 | 8.03 | 8.06  | 8.06  | 1.39 | 1.22 | 300.64 | 300.64 | 65.37  | 235.27 |
| 0+051.000 | 7.50 | 11.65 | 11.65 | 1.82 | 2.41 | 312.29 | 312.29 | 67.78  | 244.51 |
| 0+051.289 | 7.41 | 2.15  | 2.15  | 1.90 | 0.54 | 314.44 | 314.44 | 68.32  | 246.12 |
| 0+055.500 | 6.26 | 9.70  | 9.70  | 2.66 | 3.88 | 343.18 | 343.18 | 78.24  | 264.94 |
| 0+057.000 | 5.81 | 9.05  | 9.05  | 2.60 | 3.94 | 352.23 | 352.23 | 82.19  | 270.05 |
| 0+058.500 | 5.38 | 2.88  | 2.88  | 2.43 | 1.29 | 360.62 | 360.62 | 85.94  | 274.67 |
| 0+063.000 | 4.72 | 7.16  | 7.16  | 1.97 | 3.08 | 383.00 | 383.00 | 95.89  | 287.12 |
| 0+064.500 | 4.67 | 7.04  | 7.04  | 1.93 | 2.92 | 390.04 | 390.04 | 98.81  | 291.23 |
| 0+064.894 | 4.68 | 1.84  | 1.84  | 1.93 | 0.76 | 391.89 | 391.89 | 99.57  | 292.32 |
| 0+066.000 | 4.79 | 5.24  | 5.24  | 1.86 | 2.09 | 397.12 | 397.12 | 101.66 | 295.47 |
| 0+067.500 | 5.08 | 7.40  | 7.40  | 1.91 | 2.82 | 404.53 | 404.53 | 104.48 | 300.04 |
| 0+068.718 | 5.35 | 6.35  | 6.35  | 1.81 | 2.26 | 410.88 | 410.88 | 106.74 | 304.13 |
| 0+070.692 | 5.71 | 1.09  | 1.09  | 1.27 | 0.25 | 421.80 | 421.80 | 109.81 | 311.98 |
| 0+072.000 | 6.13 | 7.74  | 7.74  | 0.86 | 1.39 | 429.54 | 429.54 | 111.21 | 318.33 |
| 0+072.556 | 5.84 | 3.33  | 3.33  | 0.75 | 0.45 | 432.87 | 432.87 | 111.66 | 321.22 |
| 0+072.559 | 6.15 | 0.02  | 0.02  | 1.81 | 0.00 | 432.89 | 432.89 | 111.66 | 321.23 |
| 0+072.801 | 6.42 | 1.52  | 1.52  | 2.21 | 0.48 | 434.41 | 434.41 | 112.15 | 322.26 |
| 0+073.500 | 7.01 | 1.31  | 1.31  | 1.83 | 0.35 | 439.19 | 439.19 | 113.58 | 325.60 |
| 0+075.000 | 7.91 | 11.19 | 11.19 | 1.11 | 2.21 | 450.37 | 450.37 | 115.79 | 334.58 |
| 0+076.500 | 8.14 | 12.03 | 12.03 | 1.52 | 1.97 | 462.41 | 462.41 | 117.76 | 344.64 |
| 0+077.323 | 8.14 | 6.70  | 6.70  | 2.13 | 1.50 | 469.10 | 469.10 | 119.26 | 349.84 |
| 0+078.000 | 8.31 | 5.57  | 5.57  | 2.08 | 1.42 | 474.67 | 474.67 | 120.69 | 353.99 |
| 0+079.500 | 8.68 | 12.77 | 12.77 | 2.03 | 2.78 | 487.44 | 487.44 | 123.47 | 363.97 |
| 0+079.572 | 8.70 | 0.63  | 0.63  | 0.59 | 0.09 | 488.07 | 488.07 | 123.56 | 364.50 |
| 0+081.000 | 8.95 | 12.62 | 12.62 | 1.97 | 1.65 | 500.68 | 500.68 | 125.21 | 375.47 |
| 0+082.500 | 9.13 | 13.57 | 13.57 | 0.54 | 1.68 | 514.25 | 514.25 | 126.89 | 387.36 |
| 0+084.000 | 9.37 | 13.88 | 13.88 | 1.92 | 1.64 | 528.14 | 528.14 | 128.54 | 399.60 |
| 0+085.500 | 9.63 | 14.27 | 14.27 | 1.84 | 2.49 | 542.41 | 542.41 | 131.02 | 411.39 |

|           |       |       |       |      |      |        |        |        |        |
|-----------|-------|-------|-------|------|------|--------|--------|--------|--------|
| 0+087.000 | 9.90  | 14.69 | 14.69 | 1.72 | 2.36 | 557.10 | 557.10 | 133.38 | 423.72 |
| 0+087.123 | 9.92  | 1.22  | 1.22  | 1.71 | 0.21 | 558.32 | 558.32 | 133.59 | 424.73 |
| 0+087.971 | 10.33 | 8.58  | 8.58  | 1.40 | 1.32 | 566.91 | 566.91 | 134.91 | 432.00 |
| 0+087.973 | 11.18 | 0.02  | 0.02  | 1.43 | 0.00 | 566.92 | 566.92 | 134.91 | 432.01 |
| 0+088.490 | 11.45 | 5.86  | 5.86  | 1.39 | 0.73 | 572.78 | 572.78 | 135.64 | 437.14 |
| 0+088.500 | 11.45 | 0.11  | 0.11  | 1.39 | 0.01 | 572.89 | 572.89 | 135.65 | 437.24 |
| 0+088.888 | 11.54 | 4.46  | 4.46  | 1.35 | 0.53 | 577.36 | 577.36 | 136.19 | 441.17 |
| 0+090.000 | 11.75 | 13.24 | 13.24 | 1.17 | 1.23 | 590.60 | 590.60 | 137.41 | 453.18 |
| 0+091.500 | 12.07 | 18.31 | 18.31 | 0.90 | 1.37 | 608.90 | 608.90 | 138.79 | 470.11 |
| 0+091.748 | 12.16 | 3.00  | 3.00  | 0.88 | 0.22 | 611.90 | 611.90 | 139.01 | 472.89 |
| 0+091.824 | 12.18 | 0.93  | 0.93  | 0.87 | 0.07 | 612.83 | 612.83 | 139.08 | 473.76 |
| 0+092.418 | 12.38 | 7.29  | 7.29  | 0.81 | 0.50 | 620.12 | 620.12 | 139.58 | 480.55 |
| 0+093.000 | 12.57 | 7.26  | 7.26  | 0.75 | 0.46 | 627.39 | 627.39 | 140.03 | 487.35 |
| 0+093.240 | 12.65 | 3.03  | 3.03  | 0.73 | 0.18 | 630.41 | 630.41 | 140.21 | 490.20 |
| 0+094.500 | 12.97 | 16.44 | 16.44 | 0.60 | 0.75 | 646.85 | 646.85 | 140.96 | 505.89 |
| 0+094.902 | 13.06 | 5.23  | 5.23  | 0.57 | 0.24 | 652.08 | 652.08 | 141.20 | 510.89 |
| 0+095.484 | 13.22 | 7.65  | 7.65  | 0.55 | 0.33 | 659.74 | 659.74 | 141.52 | 518.21 |
| 0+096.000 | 13.40 | 6.86  | 6.86  | 0.55 | 0.28 | 666.60 | 666.60 | 141.81 | 524.79 |
| 0+096.344 | 13.53 | 4.63  | 4.63  | 0.57 | 0.19 | 671.23 | 671.23 | 142.00 | 529.23 |
| 0+097.371 | 14.00 | 14.14 | 14.14 | 0.65 | 0.63 | 685.37 | 685.37 | 142.63 | 542.74 |
| 0+097.500 | 14.06 | 1.81  | 1.81  | 0.66 | 0.08 | 687.18 | 687.18 | 142.71 | 544.47 |
| 0+097.755 | 14.18 | 3.60  | 3.60  | 0.68 | 0.17 | 690.78 | 690.78 | 142.88 | 547.90 |
| 0+099.000 | 14.86 | 17.80 | 17.80 | 0.71 | 0.92 | 708.58 | 708.58 | 143.80 | 564.78 |
| 0+099.109 | 14.93 | 1.63  | 1.63  | 0.70 | 0.08 | 710.21 | 710.21 | 143.88 | 566.33 |
| 0+100.166 | 16.11 | 16.02 | 16.02 | 0.51 | 0.70 | 726.23 | 726.23 | 144.58 | 581.65 |
| 0+100.500 | 16.60 | 5.46  | 5.46  | 0.43 | 0.16 | 731.69 | 731.69 | 144.74 | 586.96 |
| 0+101.247 | 17.88 | 12.88 | 12.88 | 0.32 | 0.28 | 744.58 | 744.58 | 145.02 | 599.56 |

**W= 744,58 m<sup>3</sup>    N= 145,02 m<sup>3</sup>**

Linia trasowania: **ZJAZD PONIATOW. 1**

Pikietą początkowa: km 0+010.387

Pikietą końcowa: km 0+025.369

| Pikietą | Powierzchnia wykopu (m2) | Objętość wykopu (m3) | Objętość do ponownego wykorzystania | Powierzchnia nasypu (m2) | Objętość nasypu (m3) | Całk. obj. wykopu (m3) | Całk. obj. do ponownego wykorzystania (m3) | Całk. obj. nasypu (m3) | Całk. obj. netto (m3) |
|---------|--------------------------|----------------------|-------------------------------------|--------------------------|----------------------|------------------------|--|------------------------|-----------------------|
|         |                          |                      |                                     |                          |                      |                        |  |                        |                       |



|           |       |       |       |      |      |        |        |      |        |
|-----------|-------|-------|-------|------|------|--------|--------|------|--------|
| 0+010.387 | 8.47  | 0.00  | 0.00  | 0.00 | 0.00 | 0.00   | 0.00   | 0.00 | 0.00   |
| 0+010.497 | 8.48  | 0.93  | 0.93  | 0.00 | 0.00 | 0.93   | 0.93   | 0.00 | 0.93   |
| 0+010.500 | 8.48  | 0.03  | 0.03  | 0.00 | 0.00 | 0.96   | 0.96   | 0.00 | 0.95   |
| 0+011.917 | 8.77  | 12.23 | 12.23 | 0.00 | 0.00 | 13.18  | 13.18  | 0.00 | 13.18  |
| 0+012.000 | 8.79  | 0.73  | 0.73  | 0.00 | 0.00 | 13.91  | 13.91  | 0.00 | 13.91  |
| 0+013.500 | 9.11  | 13.43 | 13.43 | 0.00 | 0.00 | 27.34  | 27.34  | 0.00 | 27.33  |
| 0+013.798 | 9.18  | 2.73  | 2.73  | 0.00 | 0.00 | 30.07  | 30.07  | 0.00 | 30.06  |
| 0+014.714 | 9.37  | 8.49  | 8.49  | 0.00 | 0.00 | 38.56  | 38.56  | 0.00 | 38.55  |
| 0+015.000 | 9.43  | 2.69  | 2.69  | 0.00 | 0.00 | 41.25  | 41.25  | 0.00 | 41.24  |
| 0+016.500 | 9.72  | 14.37 | 14.37 | 0.00 | 0.00 | 55.61  | 55.61  | 0.01 | 55.61  |
| 0+016.942 | 9.80  | 4.32  | 4.32  | 0.00 | 0.00 | 59.93  | 59.93  | 0.01 | 59.92  |
| 0+017.510 | 9.88  | 5.59  | 5.59  | 0.02 | 0.00 | 65.52  | 65.52  | 0.02 | 65.50  |
| 0+018.000 | 9.95  | 4.86  | 4.86  | 0.02 | 0.00 | 70.38  | 70.38  | 0.03 | 70.35  |
| 0+018.215 | 9.99  | 2.15  | 2.15  | 0.03 | 0.00 | 72.52  | 72.52  | 0.03 | 72.49  |
| 0+018.216 | 9.99  | 0.00  | 0.00  | 0.03 | 0.00 | 72.53  | 72.53  | 0.03 | 72.50  |
| 0+018.881 | 10.56 | 6.83  | 6.83  | 0.03 | 0.02 | 79.36  | 79.36  | 0.05 | 79.31  |
| 0+018.908 | 10.49 | 0.29  | 0.29  | 0.05 | 0.00 | 79.66  | 79.66  | 0.05 | 79.60  |
| 0+019.066 | 10.16 | 1.62  | 1.62  | 0.11 | 0.01 | 81.28  | 81.28  | 0.07 | 81.21  |
| 0+019.500 | 10.23 | 4.43  | 4.43  | 0.07 | 0.04 | 85.71  | 85.71  | 0.11 | 85.60  |
| 0+020.307 | 10.59 | 8.40  | 8.40  | 0.05 | 0.05 | 94.11  | 94.11  | 0.16 | 93.95  |
| 0+020.335 | 10.61 | 0.30  | 0.30  | 0.05 | 0.00 | 94.41  | 94.41  | 0.16 | 94.25  |
| 0+021.000 | 10.93 | 7.16  | 7.16  | 0.03 | 0.03 | 101.57 | 101.57 | 0.18 | 101.38 |
| 0+021.178 | 11.03 | 1.95  | 1.95  | 0.04 | 0.00 | 103.52 | 103.52 | 0.19 | 103.33 |
| 0+021.413 | 11.14 | 2.60  | 2.60  | 0.04 | 0.00 | 106.12 | 106.12 | 0.20 | 105.92 |
| 0+022.500 | 11.79 | 12.47 | 12.47 | 0.06 | 0.05 | 118.59 | 118.59 | 0.25 | 118.34 |
| 0+023.103 | 12.10 | 7.20  | 7.20  | 0.10 | 0.05 | 125.79 | 125.79 | 0.30 | 125.49 |
| 0+023.852 | 12.65 | 9.26  | 9.26  | 0.15 | 0.09 | 135.06 | 135.06 | 0.40 | 134.66 |
| 0+023.855 | 12.66 | 0.04  | 0.04  | 0.15 | 0.00 | 135.10 | 135.10 | 0.40 | 134.70 |
| 0+023.941 | 12.73 | 1.10  | 1.10  | 0.16 | 0.01 | 136.20 | 136.20 | 0.41 | 135.79 |
| 0+024.000 | 12.79 | 0.75  | 0.75  | 0.16 | 0.00 | 136.94 | 136.94 | 0.42 | 136.52 |
| 0+024.384 | 13.16 | 4.98  | 4.98  | 0.17 | 0.06 | 141.93 | 141.93 | 0.48 | 141.45 |
| 0+024.743 | 13.49 | 4.79  | 4.79  | 0.17 | 0.06 | 146.71 | 146.71 | 0.54 | 146.17 |
| 0+025.086 | 13.74 | 4.67  | 4.67  | 0.18 | 0.06 | 151.38 | 151.38 | 0.60 | 150.78 |
| 0+025.105 | 13.75 | 0.25  | 0.25  | 0.18 | 0.00 | 151.63 | 151.63 | 0.61 | 151.03 |
| 0+025.106 | 13.75 | 0.02  | 0.02  | 0.18 | 0.00 | 151.65 | 151.65 | 0.61 | 151.05 |
| 0+025.369 | 13.90 | 3.64  | 3.64  | 0.19 | 0.05 | 155.29 | 155.29 | 0.66 | 154.63 |

**W= 155,29 m<sup>3</sup>    N= 0,66 m<sup>3</sup>**

Linia trasowania: **KAPUCKA**

Pikieta początkowa: km 0+003.216

Pikieta końcowa: km 0+020.096

| Pikieta   | Powierzchnia wykopu (m2) | Objętość wykopu (m3) | Objętość do ponownego wykorzystania (m3) | Powierzchnia nasypu (m2) | Objętość nasypu (m3) | Całk. obj. wykopu (m3) | Całk. obj. do ponownego wykorzystania (m3) | Całk. obj. nasypu (m3) | Całk. obj. netto (m3) |
|-----------|--------------------------|----------------------|--|--------------------------|----------------------|------------------------|--|------------------------|-----------------------|
| 0+003.216 | 6.73                     | 0.00                 | 0.00                                     | 0.20                     | 0.00                 | 0.00                   | 0.00                                       | 0.00                   | 0.00                  |
| 0+004.500 | 6.66                     | 8.60                 | 8.60                                     | 0.21                     | 0.26                 | 8.60                   | 8.60                                       | 0.26                   | 8.34                  |
| 0+004.709 | 6.65                     | 1.39                 | 1.39                                     | 0.21                     | 0.04                 | 10.00                  | 10.00                                      | 0.30                   | 9.69                  |
| 0+006.000 | 6.57                     | 8.53                 | 8.53                                     | 0.23                     | 0.28                 | 18.53                  | 18.53                                      | 0.59                   | 17.94                 |
| 0+007.500 | 6.47                     | 9.78                 | 9.78                                     | 0.24                     | 0.35                 | 28.31                  | 28.31                                      | 0.94                   | 27.37                 |
| 0+008.294 | 6.42                     | 5.12                 | 5.12                                     | 0.25                     | 0.20                 | 33.42                  | 33.42                                      | 1.14                   | 32.29                 |
| 0+009.000 | 6.45                     | 4.54                 | 4.54                                     | 0.25                     | 0.18                 | 37.97                  | 37.97                                      | 1.32                   | 36.65                 |
| 0+010.500 | 6.49                     | 9.70                 | 9.70                                     | 0.23                     | 0.36                 | 47.67                  | 47.67                                      | 1.68                   | 46.00                 |
| 0+011.563 | 6.52                     | 6.92                 | 6.92                                     | 0.22                     | 0.24                 | 54.59                  | 54.59                                      | 1.92                   | 52.67                 |
| 0+011.564 | 6.52                     | 0.00                 | 0.00                                     | 0.22                     | 0.00                 | 54.60                  | 54.60                                      | 1.92                   | 52.68                 |
| 0+011.566 | 6.52                     | 0.01                 | 0.01                                     | 0.22                     | 0.00                 | 54.61                  | 54.61                                      | 1.92                   | 52.69                 |
| 0+011.578 | 6.52                     | 0.08                 | 0.08                                     | 0.22                     | 0.00                 | 54.69                  | 54.69                                      | 1.92                   | 52.77                 |
| 0+011.581 | 6.52                     | 0.02                 | 0.02                                     | 0.22                     | 0.00                 | 54.71                  | 54.71                                      | 1.92                   | 52.79                 |
| 0+012.000 | 6.53                     | 2.73                 | 2.73                                     | 0.22                     | 0.09                 | 57.44                  | 57.44                                      | 2.02                   | 55.43                 |
| 0+012.119 | 6.54                     | 0.78                 | 0.78                                     | 0.22                     | 0.03                 | 58.22                  | 58.22                                      | 2.04                   | 56.18                 |
| 0+012.177 | 6.54                     | 0.38                 | 0.38                                     | 0.22                     | 0.01                 | 58.60                  | 58.60                                      | 2.06                   | 56.54                 |
| 0+013.500 | 6.78                     | 8.81                 | 8.81                                     | 0.20                     | 0.28                 | 67.41                  | 67.41                                      | 2.33                   | 65.07                 |
| 0+014.538 | 7.25                     | 7.28                 | 7.28                                     | 0.18                     | 0.20                 | 74.68                  | 74.68                                      | 2.53                   | 72.15                 |
| 0+014.554 | 7.26                     | 0.12                 | 0.12                                     | 0.18                     | 0.00                 | 74.80                  | 74.80                                      | 2.54                   | 72.26                 |
| 0+015.000 | 7.55                     | 3.30                 | 3.30                                     | 0.17                     | 0.08                 | 78.10                  | 78.10                                      | 2.62                   | 75.49                 |
| 0+016.500 | 8.88                     | 12.32                | 12.32                                    | 0.16                     | 0.25                 | 90.42                  | 90.42                                      | 2.87                   | 87.55                 |
| 0+016.791 | 9.19                     | 2.63                 | 2.63                                     | 0.16                     | 0.05                 | 93.05                  | 93.05                                      | 2.91                   | 90.14                 |
| 0+016.814 | 9.22                     | 0.20                 | 0.20                                     | 0.16                     | 0.00                 | 93.26                  | 93.26                                      | 2.92                   | 90.34                 |
| 0+017.783 | 10.52                    | 9.57                 | 9.57                                     | 0.16                     | 0.16                 | 102.82                 | 102.82                                     | 3.07                   | 99.75                 |
| 0+017.825 | 10.59                    | 0.44                 | 0.44                                     | 0.16                     | 0.00                 | 103.27                 | 103.27                                     | 3.08                   | 100.19                |
| 0+018.000 | 10.88                    | 1.87                 | 1.87                                     | 0.16                     | 0.03                 | 105.14                 | 105.14                                     | 3.11                   | 102.03                |
| 0+018.581 | 11.86                    | 6.60                 | 6.60                                     | 0.14                     | 0.09                 | 111.75                 | 111.75                                     | 3.20                   | 108.55                |
| 0+018.613 | 11.92                    | 0.38                 | 0.38                                     | 0.15                     | 0.00                 | 112.12                 | 112.12                                     | 3.20                   | 108.92                |
| 0+019.500 | 14.85                    | 11.88                | 11.88                                    | 0.13                     | 0.13                 | 124.00                 | 124.00                                     | 3.33                   | 120.67                |

|           |       |      |      |      |      |        |        |      |        |
|-----------|-------|------|------|------|------|--------|--------|------|--------|
| 0+019.728 | 15.89 | 3.51 | 3.51 | 0.08 | 0.02 | 127.51 | 127.51 | 3.35 | 124.16 |
| 0+019.772 | 15.99 | 0.69 | 0.69 | 0.09 | 0.00 | 128.20 | 128.20 | 3.36 | 124.85 |
| 0+020.096 | 18.11 | 5.53 | 5.53 | 0.00 | 0.01 | 133.73 | 133.73 | 3.37 | 130.36 |

**W= 133,73 m<sup>3</sup>      N= 3,37 m<sup>3</sup>**

Linia trasowania: **ZACISZNA**

Pikieta początkowa: km 0+002.983

Pikieta końcowa: km 0+012.006

| Pikieta   | Powierzchnia wykopu (m2) | Objętość wykopu (m3) | Objętość do ponownego wykorzystania (m3) | Powierzchnia nasypu (m2) | Objętość nasypu (m3) | Całk. obj. wykopu (m3) | Całk. obj. do ponownego wykorzystania (m3) | Całk. obj. nasypu (m3) | Całk. obj. netto (m3) |
|-----------|--------------------------|----------------------|--|--------------------------|----------------------|------------------------|--|------------------------|-----------------------|
| 0+002.983 | 7.13                     | 0.00                 | 0.00                                     | 0.09                     | 0.00                 | 0.00                   | 0.00                                       | 0.00                   | 0.00                  |
| 0+003.000 | 7.12                     | 0.12                 | 0.12                                     | 0.09                     | 0.00                 | 0.12                   | 0.12                                       | 0.00                   | 0.12                  |
| 0+003.096 | 8.43                     | 0.75                 | 0.75                                     | 0.07                     | 0.00                 | 0.87                   | 0.87                                       | 0.00                   | 0.86                  |
| 0+003.101 | 8.45                     | 0.04                 | 0.04                                     | 0.06                     | 0.00                 | 0.91                   | 0.91                                       | 0.00                   | 0.90                  |
| 0+003.104 | 8.45                     | 0.03                 | 0.03                                     | 0.06                     | 0.00                 | 0.93                   | 0.93                                       | 0.01                   | 0.92                  |
| 0+003.317 | 8.87                     | 1.85                 | 1.85                                     | 0.01                     | 0.00                 | 2.78                   | 2.78                                       | 0.02                   | 2.76                  |
| 0+003.455 | 8.95                     | 1.23                 | 1.23                                     | 0.00                     | 0.00                 | 4.01                   | 4.01                                       | 0.02                   | 3.99                  |
| 0+004.491 | 7.66                     | 8.60                 | 8.60                                     | 0.20                     | 0.10                 | 12.61                  | 12.61                                      | 0.12                   | 12.49                 |
| 0+004.500 | 7.65                     | 0.07                 | 0.07                                     | 0.20                     | 0.00                 | 12.68                  | 12.68                                      | 0.12                   | 12.56                 |
| 0+004.574 | 7.57                     | 0.56                 | 0.56                                     | 0.20                     | 0.01                 | 13.24                  | 13.24                                      | 0.14                   | 13.10                 |
| 0+005.266 | 6.85                     | 4.99                 | 4.99                                     | 0.31                     | 0.18                 | 18.23                  | 18.23                                      | 0.31                   | 17.91                 |
| 0+005.395 | 6.72                     | 0.88                 | 0.88                                     | 0.34                     | 0.04                 | 19.11                  | 19.11                                      | 0.36                   | 18.75                 |
| 0+006.000 | 6.11                     | 3.88                 | 3.88                                     | 0.43                     | 0.23                 | 22.99                  | 22.99                                      | 0.59                   | 22.40                 |
| 0+006.302 | 5.78                     | 1.80                 | 1.80                                     | 0.46                     | 0.13                 | 24.79                  | 24.79                                      | 0.72                   | 24.06                 |
| 0+006.340 | 5.74                     | 0.22                 | 0.22                                     | 0.45                     | 0.02                 | 25.01                  | 25.01                                      | 0.74                   | 24.27                 |
| 0+007.500 | 5.20                     | 6.35                 | 6.35                                     | 0.17                     | 0.36                 | 31.35                  | 31.35                                      | 1.10                   | 30.25                 |
| 0+008.570 | 4.78                     | 5.34                 | 5.34                                     | 0.01                     | 0.10                 | 36.69                  | 36.69                                      | 1.20                   | 35.49                 |
| 0+008.580 | 4.78                     | 0.05                 | 0.05                                     | 0.01                     | 0.00                 | 36.74                  | 36.74                                      | 1.20                   | 35.54                 |
| 0+009.000 | 4.65                     | 1.98                 | 1.98                                     | 0.01                     | 0.00                 | 38.72                  | 38.72                                      | 1.21                   | 37.51                 |
| 0+010.500 | 4.40                     | 6.79                 | 6.79                                     | 0.00                     | 0.02                 | 45.51                  | 45.51                                      | 1.22                   | 44.28                 |
| 0+010.895 | 4.39                     | 1.74                 | 1.74                                     | 0.00                     | 0.00                 | 47.25                  | 47.25                                      | 1.23                   | 46.02                 |
| 0+011.069 | 4.40                     | 0.76                 | 0.76                                     | 0.00                     | 0.00                 | 48.01                  | 48.01                                      | 1.23                   | 46.78                 |
| 0+011.095 | 4.40                     | 0.12                 | 0.12                                     | 0.00                     | 0.00                 | 48.13                  | 48.13                                      | 1.23                   | 46.90                 |

|           |      |      |      |      |      |       |       |      |       |
|-----------|------|------|------|------|------|-------|-------|------|-------|
| 0+011.320 | 4.41 | 0.99 | 0.99 | 0.00 | 0.00 | 49.12 | 49.12 | 1.23 | 47.88 |
| 0+012.000 | 4.43 | 3.01 | 3.01 | 0.00 | 0.00 | 52.12 | 52.12 | 1.23 | 50.89 |
| 0+012.006 | 4.43 | 0.02 | 0.02 | 0.00 | 0.00 | 52.15 | 52.15 | 1.23 | 50.91 |

**W= 52,15 m<sup>3</sup>      N= 1,23 m<sup>3</sup>**

Linia trasowania: **ŻYZNA**

Pikieta początkowa: km 0+004.865

Pikieta końcowa: km 0+024.000

| Pikieta   | Powierzchnia wykopu (m2) | Objętość wykopu (m3) | Objętość do ponownego | Powierzchnia nasypu (m2) | Objętość nasypu (m3) | Całk. obj. wykopu (m3) | Całk. obj. do ponownego wykorzystania (m3) | Całk. obj. nasypu (m3) | Całk. obj. netto (m3) |
|-----------|--------------------------|----------------------|-----------------------|--------------------------|----------------------|------------------------|--|------------------------|-----------------------|
| 0+004.865 | 14.82                    | 0.00                 | 0.00                  | 0.00                     | 0.00                 | 0.00                   | 0.00                                       | 0.00                   | 0.00                  |
| 0+005.101 | 14.83                    | 3.50                 | 3.50                  | 0.00                     | 0.00                 | 3.50                   | 3.50                                       | 0.00                   | 3.50                  |
| 0+005.211 | 14.77                    | 1.63                 | 1.63                  | 0.00                     | 0.00                 | 5.13                   | 5.13                                       | 0.00                   | 5.13                  |
| 0+006.000 | 14.34                    | 11.49                | 11.49                 | 0.00                     | 0.00                 | 16.62                  | 16.62                                      | 0.00                   | 16.62                 |
| 0+006.286 | 14.51                    | 4.12                 | 4.12                  | 0.00                     | 0.00                 | 20.74                  | 20.74                                      | 0.00                   | 20.74                 |
| 0+006.365 | 14.43                    | 1.15                 | 1.15                  | 0.00                     | 0.00                 | 21.89                  | 21.89                                      | 0.00                   | 21.89                 |
| 0+008.016 | 13.50                    | 23.05                | 23.05                 | 0.00                     | 0.00                 | 44.94                  | 44.94                                      | 0.00                   | 44.94                 |
| 0+008.161 | 13.46                    | 1.96                 | 1.96                  | 0.00                     | 0.00                 | 46.89                  | 46.89                                      | 0.00                   | 46.89                 |
| 0+008.214 | 13.45                    | 0.72                 | 0.72                  | 0.00                     | 0.00                 | 47.61                  | 47.61                                      | 0.00                   | 47.61                 |
| 0+008.540 | 13.25                    | 4.35                 | 4.35                  | 0.00                     | 0.00                 | 51.96                  | 51.96                                      | 0.00                   | 51.96                 |
| 0+009.000 | 12.96                    | 6.03                 | 6.03                  | 0.00                     | 0.00                 | 57.99                  | 57.99                                      | 0.00                   | 57.99                 |
| 0+010.602 | 11.79                    | 19.82                | 19.82                 | 0.02                     | 0.02                 | 77.81                  | 77.81                                      | 0.02                   | 77.79                 |
| 0+010.635 | 11.76                    | 0.39                 | 0.39                  | 0.02                     | 0.00                 | 78.20                  | 78.20                                      | 0.02                   | 78.18                 |
| 0+011.565 | 11.28                    | 10.71                | 10.71                 | 0.04                     | 0.03                 | 88.91                  | 88.91                                      | 0.05                   | 88.85                 |
| 0+012.000 | 11.32                    | 4.81                 | 4.81                  | 0.08                     | 0.04                 | 93.72                  | 93.72                                      | 0.09                   | 93.63                 |
| 0+013.292 | 11.18                    | 14.54                | 14.54                 | 0.06                     | 0.09                 | 108.26                 | 108.26                                     | 0.19                   | 108.07                |
| 0+013.641 | 11.04                    | 3.88                 | 3.88                  | 0.06                     | 0.02                 | 112.14                 | 112.14                                     | 0.21                   | 111.93                |
| 0+015.000 | 10.48                    | 14.62                | 14.62                 | 0.06                     | 0.08                 | 126.76                 | 126.76                                     | 0.29                   | 126.48                |
| 0+015.953 | 10.25                    | 9.87                 | 9.87                  | 0.05                     | 0.05                 | 136.63                 | 136.63                                     | 0.34                   | 136.30                |
| 0+016.670 | 10.14                    | 7.32                 | 7.32                  | 0.05                     | 0.04                 | 143.95                 | 143.95                                     | 0.37                   | 143.58                |
| 0+017.587 | 10.07                    | 9.26                 | 9.26                  | 0.04                     | 0.04                 | 153.22                 | 153.22                                     | 0.41                   | 152.81                |
| 0+018.000 | 10.04                    | 4.15                 | 4.15                  | 0.04                     | 0.02                 | 157.37                 | 157.37                                     | 0.43                   | 156.94                |
| 0+021.000 | 9.94                     | 29.97                | 29.97                 | 0.02                     | 0.10                 | 187.34                 | 187.34                                     | 0.53                   | 186.81                |
| 0+024.000 | 10.02                    | 29.94                | 29.94                 | 0.02                     | 0.06                 | 217.28                 | 217.28                                     | 0.59                   | 216.69                |

**W= 217,28 m<sup>3</sup>      N= 0,59 m<sup>3</sup>**

## **UZGODNIENIA I OPINIE BRANŻOWE**