# D.5 VÝPOČET SMEROVÉHO VEDENIA

| BOD | STA (km) | Y (m) | X (m) | BOD | STA (km) | Y (m) | X (m) |
|---|---|---|---|---|---|---|---|
| 187.150000 | | 489482.178 | 1273923.032 | 188.650000 | | 488101.029 | 1274372.444 |
| 187.200000 | | 489441.929 | 1273952.698 | 188.700000 | | 488067.430 | 1274409.473 |
| 187.250000 | | 489401.681 | 1273982.363 | 188.750000 | | 488033.831 | 1274446.501 |
| 187.300000 | | 489361.432 | 1274012.029 | 188.800000 | | 488000.233 | 1274483.530 |
| 187.305047 | | 489357.370 | 1274015.023 | 188.810426 | | 487993.227 | 1274491.251 |
| 187.350000 | | 489320.578 | 1274040.835 | 188.850000 | | 487966.346 | 1274520.294 |
| 187.385047 | | 489289.786 | 1274057.501 | 188.897167 | | 487933.564 | 1274554.206 |
| 187.392760 | | 489282.657 | 1274060.444 | 188.900000 | | 487931.571 | 1274556.219 |
| 187.400000 | | 489275.858 | 1274062.931 | 188.950000 | | 487896.399 | 1274591.756 |
| 187.450000 | | 489227.281 | 1274074.525 | 188.996502 | | 487863.687 | 1274624.807 |
| 187.472760 | | 489204.790 | 1274078.014 | 189.000000 | | 487861.225 | 1274627.293 |
| 187.500000 | | 489177.847 | 1274082.027 | 189.022851 | | 487845.103 | 1274643.486 |
| 187.550000 | | 489128.393 | 1274089.394 | 189.050000 | | 487825.903 | 1274662.681 |
| 187.551062 | | 489127.343 | 1274089.550 | 189.100000 | | 487790.544 | 1274698.032 |
| 187.600000 | | 489078.726 | 1274095.064 | 189.150000 | | 487755.184 | 1274733.384 |
| 187.620968 | | 489057.800 | 1274096.384 | 189.200000 | | 487719.825 | 1274768.735 |
| 187.650000 | | 489028.802 | 1274097.777 | 189.250000 | | 487684.466 | 1274804.086 |
| 187.700000 | | 488978.859 | 1274100.176 | 189.300000 | | 487649.106 | 1274839.438 |
| 187.736836 | | 488942.066 | 1274101.944 | 189.350000 | | 487613.747 | 1274874.789 |
| 187.750000 | | 488928.920 | 1274102.630 | 189.400000 | | 487578.388 | 1274910.140 |
| 187.800000 | | 488879.051 | 1274106.220 | 189.445618 | | 487546.128 | 1274942.393 |
| 187.850000 | | 488829.318 | 1274111.366 | 189.450000 | | 487543.015 | 1274945.478 |
| 187.868483 | | 488810.979 | 1274113.662 | 189.500000 | | 487505.656 | 1274978.678 |
| 187.900000 | | 488779.729 | 1274117.756 | 189.543065 | | 487470.957 | 1275004.162 |
| 187.950000 | | 488730.152 | 1274124.252 | 189.550000 | | 487465.196 | 1275008.022 |
| 187.952573 | | 488727.601 | 1274124.587 | 189.600000 | | 487423.660 | 1275035.857 |
| 188.000000 | | 488680.740 | 1274131.861 | 189.650000 | | 487382.124 | 1275063.691 |
| 188.050000 | | 488631.769 | 1274141.927 | 189.661320 | | 487372.720 | 1275069.993 |
| 188.077146 | | 488605.410 | 1274148.413 | 189.700000 | | 487340.546 | 1275091.463 |
| 188.100000 | | 488583.294 | 1274154.175 | 189.733577 | | 487312.549 | 1275110.000 |
| 188.150000 | | 488534.909 | 1274166.780 | 189.750000 | | 487298.841 | 1275119.043 |
| 188.169331 | | 488516.203 | 1274171.654 | 189.800000 | | 487257.105 | 1275146.577 |
| 188.200000 | | 488486.411 | 1274178.930 | 189.850000 | | 487215.368 | 1275174.110 |
| 188.250000 | | 488437.404 | 1274188.823 | 189.900000 | | 487173.632 | 1275201.644 |
| 188.259212 | | 488428.325 | 1274190.378 | 189.903311 | | 487170.868 | 1275203.467 |
| 188.300000 | | 488388.090 | 1274197.076 | 189.950000 | | 487133.152 | 1275230.958 |
| 188.350000 | | 488338.769 | 1274205.288 | 189.961549 | | 487124.231 | 1275238.292 |
| 188.353037 | | 488335.774 | 1274205.787 | 190.000000 | | 487094.813 | 1275263.053 |
| 188.400000 | | 488289.724 | 1274214.911 | 190.050000 | | 487056.560 | 1275295.250 |
| 188.413037 | | 488277.213 | 1274218.573 | 190.061921 | | 487047.439 | 1275302.926 |
| 188.450000 | | 488243.324 | 1274233.198 | 190.100000 | | 487017.771 | 1275326.784 |
| 188.486826 | | 488212.805 | 1274253.714 | 190.121921 | | 486999.520 | 1275338.911 |
| 188.500000 | | 488202.854 | 1274262.344 | 190.150000 | | 486974.323 | 1275351.237 |
| 188.546826 | | 488170.359 | 1274296.036 | 190.154110 | | 486970.485 | 1275352.706 |
| 188.550000 | | 488168.226 | 1274298.386 | 190.200000 | | 486926.153 | 1275364.361 |
| 188.600000 | | 488134.627 | 1274335.415 | 190.214110 | | 486912.277 | 1275366.917 |

# D.5 VÝPOČET SMEROVÉHO VEDENIA

| BOD | STA (km) | Y (m) | X (m) |
|---|---|---|---|
| 190.250000 | | 486876.907 | 1275373.001 |
| 190.300000 | | 486827.507 | 1275380.721 |
| 190.350000 | | 486777.977 | 1275387.558 |
| 190.366107 | | 486761.997 | 1275389.572 |
| 190.400000 | | 486728.357 | 1275393.712 |
| 190.450000 | | 486678.732 | 1275399.821 |
| 190.500000 | | 486629.107 | 1275405.930 |
| 190.550000 | | 486579.481 | 1275412.039 |
| 190.600000 | | 486529.856 | 1275418.147 |
| 190.650000 | | 486480.230 | 1275424.256 |
| 190.700000 | | 486430.605 | 1275430.365 |
| 190.732002 | | 486398.843 | 1275434.275 |
| 190.750000 | | 486380.984 | 1275436.513 |
| 190.800000 | | 486331.677 | 1275444.705 |
| 190.812002 | | 486320.005 | 1275447.499 |
| 190.850000 | | 486283.911 | 1275459.297 |
| 190.883448 | | 486253.566 | 1275473.326 |
| 190.900000 | | 486239.142 | 1275481.442 |
| 190.943448 | | 486202.544 | 1275504.850 |
| 190.950000 | | 486197.087 | 1275508.475 |
| 191.000000 | | 486155.435 | 1275536.136 |
| 191.050000 | | 486113.784 | 1275563.798 |
| 191.100000 | | 486072.133 | 1275591.459 |
| 191.150000 | | 486030.481 | 1275619.121 |
| 191.200000 | | 485988.830 | 1275646.783 |
| 191.250000 | | 485947.179 | 1275674.444 |
| 191.300000 | | 485905.527 | 1275702.106 |
| 191.319547 | | 485889.244 | 1275712.920 |
| 191.350000 | | 485863.884 | 1275729.780 |
| 191.370001 | | 485847.238 | 1275740.868 |
| 191.400000 | | 485822.276 | 1275757.506 |
| 191.450000 | | 485780.671 | 1275785.238 |
| 191.500000 | | 485739.066 | 1275812.969 |
| 191.550000 | | 485697.462 | 1275840.701 |
| 191.600000 | | 485655.857 | 1275868.433 |
| 191.650000 | | 485614.252 | 1275896.164 |
| 191.700000 | | 485572.647 | 1275923.896 |
| 191.750000 | | 485531.042 | 1275951.627 |
| 191.775136 | | 485510.127 | 1275965.569 |
| 191.800000 | | 485489.497 | 1275979.448 |
| 191.835136 | | 485461.061 | 1276000.075 |
| 191.850000 | | 485449.518 | 1276009.439 |
| 191.852120 | | 485447.900 | 1276010.809 |
| 191.900000 | | 485412.852 | 1276043.414 |
| 191.912120 | | 485404.230 | 1276051.933 |
| 191.950000 | | 485377.311 | 1276078.583 |
| 192.000000 | | 485341.779 | 1276113.760 |
| 192.050000 | | 485306.246 | 1276148.938 |
| 192.100000 | | 485270.714 | 1276184.115 |
| 192.150000 | | 485235.182 | 1276219.293 |
| 192.200000 | | 485199.649 | 1276254.470 |
| 192.250000 | | 485164.117 | 1276289.648 |
| 192.286181 | | 485138.405 | 1276315.103 |
| 192.300000 | | 485128.684 | 1276324.924 |
| 192.316181 | | 485118.133 | 1276337.180 |
| 192.333554 | | 485108.844 | 1276351.838 |
| 192.350000 | | 485102.170 | 1276366.859 |
| 192.363554 | | 485097.536 | 1276379.596 |
| 192.400000 | | 485085.408 | 1276413.965 |
| 192.450000 | | 485068.769 | 1276461.115 |
| 192.500000 | | 485052.130 | 1276508.265 |
| 192.550000 | | 485035.491 | 1276555.415 |
| 192.600000 | | 485018.853 | 1276602.566 |
| 192.650000 | | 485002.214 | 1276649.716 |
| 192.672950 | | 484994.577 | 1276671.358 |
| 192.700000 | | 484985.467 | 1276696.828 |
| 192.732950 | | 484973.439 | 1276727.500 |
| 192.750000 | | 484966.495 | 1276743.071 |
| 192.772097 | | 484956.680 | 1276762.867 |
| 192.800000 | | 484943.112 | 1276787.246 |
| 192.832097 | | 484926.614 | 1276814.779 |
| 192.850000 | | 484917.321 | 1276830.080 |
| 192.900000 | | 484891.366 | 1276872.815 |
| 192.950000 | | 484865.410 | 1276915.551 |
| 193.000000 | | 484839.455 | 1276958.287 |
| 193.050000 | | 484813.500 | 1277001.022 |
| 193.053900 | | 484811.476 | 1277004.355 |
| 193.093900 | | 484791.636 | 1277039.075 |
| 193.100000 | | 484788.963 | 1277044.558 |
| 193.148783 | | 484772.544 | 1277090.413 |
| 193.150000 | | 484772.247 | 1277091.594 |
| 193.184703 | | 484763.787 | 1277125.250 |
| 193.200000 | | 484759.309 | 1277139.869 |
| 193.209451 | | 484755.806 | 1277148.645 |
| 193.215000 | | 484753.544 | 1277153.712 |