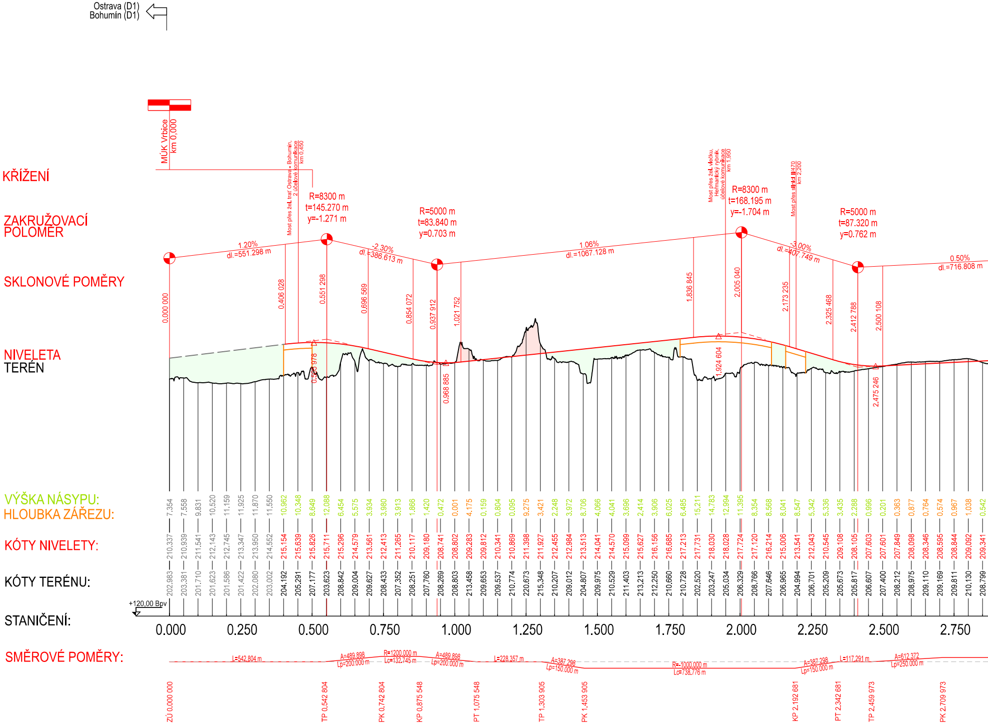
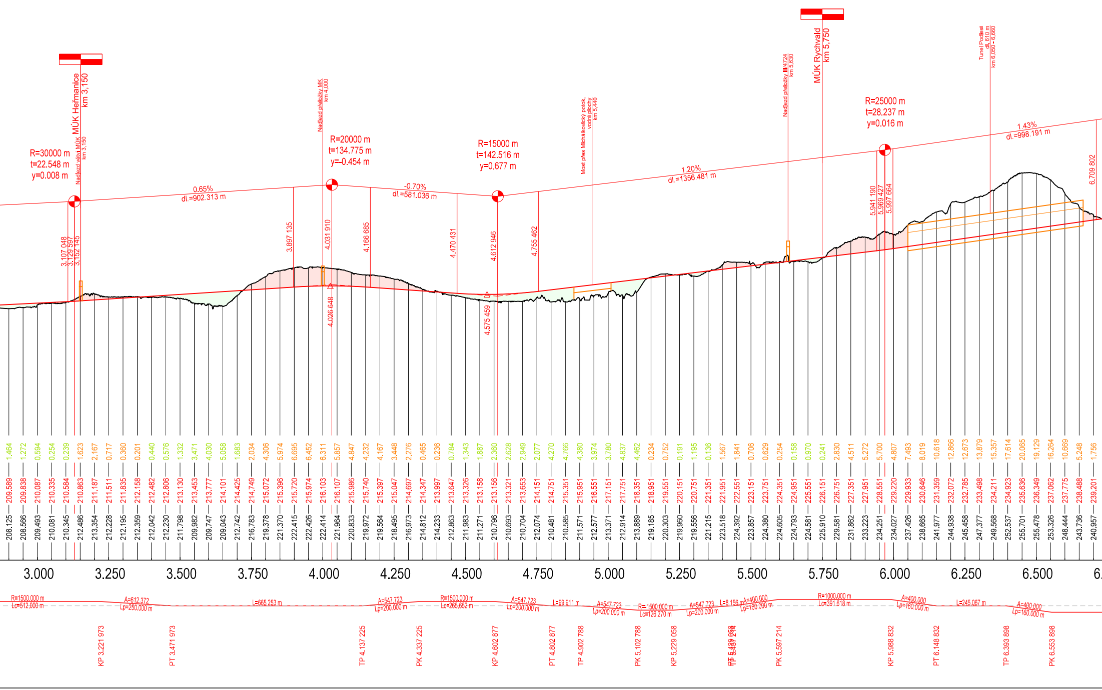
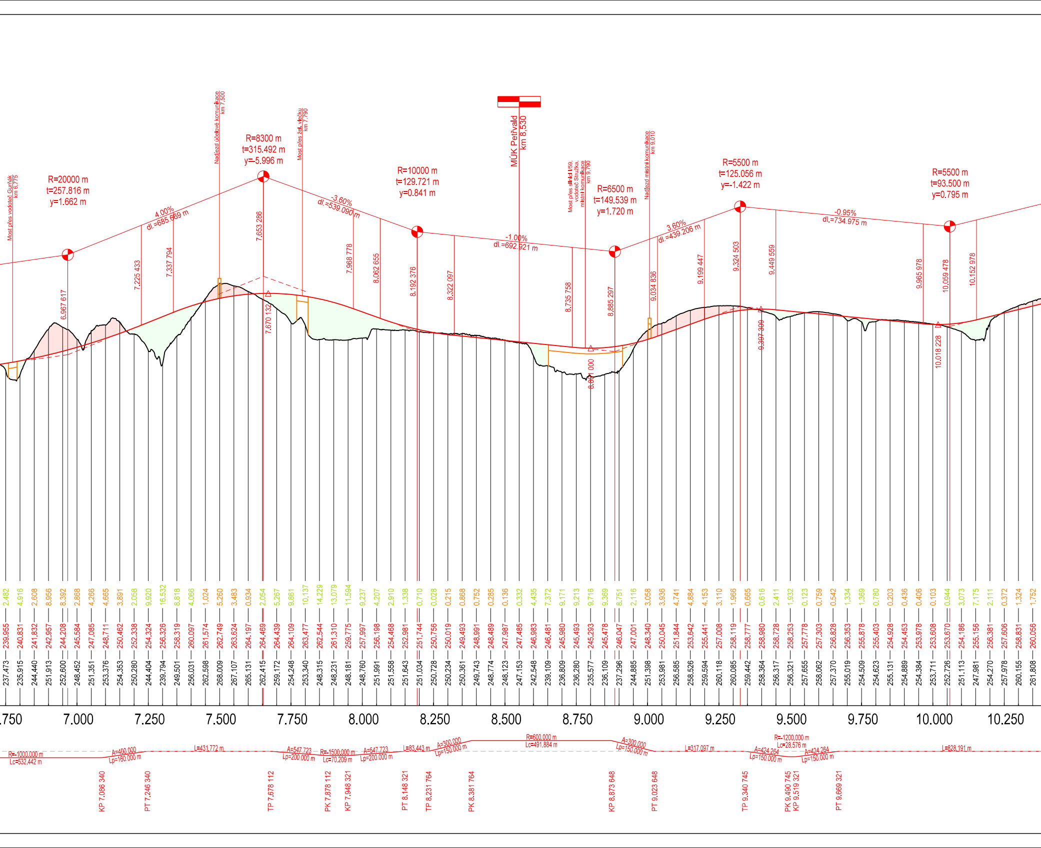
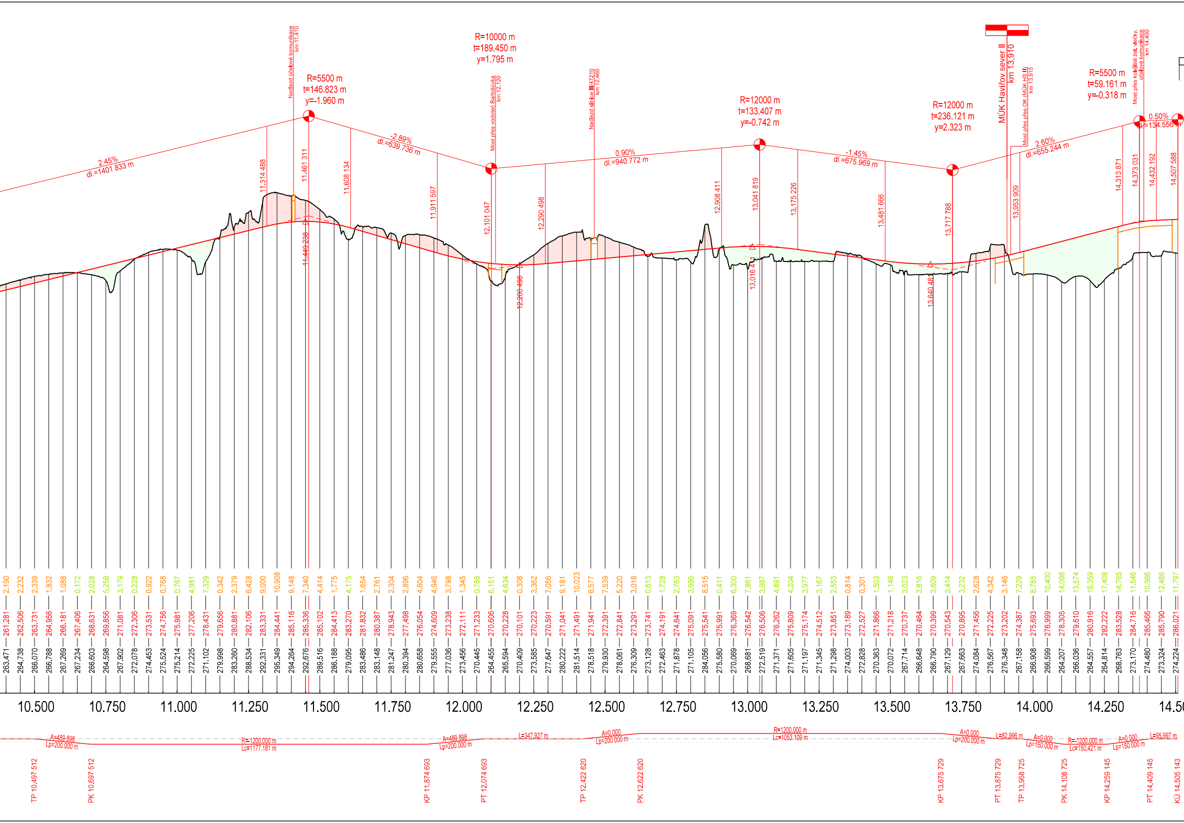
PODÉLNÝ PROFIL
Varianta 2 – trasa přes Podlesí
MĚŘÍTKO 1 : 10 000 / 1 000


Ostrava (D1)
Bohumín (D1)
MÚK Vrbice km 0,000
Most přes žel. trať Ostrava - Bohumín, 2 účelové komunikace km 0,450
Most přes žel. vlečku, Heřmanický rybník, účelové komunikace km 1,950
Most přes silnici II/470 km 2,200
KŘÍŽENÍ
ZAKRUŽOVACÍ POLOMĚR
R=8300 m t=145.270 m y=-1.271 m
R=5000 m t=83.840 m y=0.703 m
R=8300 m t=168.195 m y=-1.704 m
R=5000 m t=87.320 m y=0.762 m
SKLONOVÉ POMĚRY
1.20% dl.=551.298 m
-2.30% dl.=386.613 m
1.06% dl.=1067.128 m
-3.00% dl.=407.749 m
0.50% dl.=716.808 m
0.000 000
0.406 028
0.551 298
0.696 569
0.854 072
0.937 912
1.021 752
1.836 845
2.005 040
2.173 235
2.325 468
2.412 788
2.500 108
0.523 978
0.968 885
1.924 604
2.475 246
NIVELETA
TERÉN
VÝŠKA NÁSYPU:
HLOUBKA ZÁŘEZU:
7.354 7.558 9.831 10.520 11.159 11.925 11.870 11.550 10.962 10.348 8.649 12.088 6.454 5.575 3.934 3.980 3.913 1.866 1.420 0.472 0.001 4.175 0.159 0.804 0.095 9.275 3.421 2.248 3.972 8.706 4.056 4.041 3.696 2.414 3.906 6.025 6.485 15.211 14.783 12.994 11.395 8.354 8.568 8.041 8.547 5.342 5.336 3.435 2.288 0.996 0.201 0.363 0.877 0.764 0.574 0.967 1.038 0.542
KÓTY NIVELETY:
210.337 210.939 211.541 212.143 212.745 213.347 213.950 214.552 215.154 215.639 215.826 215.711 215.296 214.579 213.561 212.413 211.265 210.117 209.180 208.741 208.802 209.283 209.812 210.341 210.869 211.398 211.927 212.455 212.984 213.513 214.041 214.570 215.099 215.627 216.156 216.685 217.213 217.731 218.030 218.028 217.724 217.120 216.214 215.006 213.541 212.043 210.545 209.108 208.105 207.603 207.601 207.849 208.098 208.346 208.595 208.844 209.092 209.341
KÓTY TERÉNU:
202.983 203.381 201.710 201.623 201.586 201.422 202.080 203.002 204.192 205.291 207.177 203.623 208.842 209.004 209.627 208.433 207.352 208.251 207.760 208.269 208.803 213.458 209.653 209.537 210.774 220.673 215.348 210.207 209.012 204.807 209.975 210.529 211.403 213.213 212.250 210.660 210.728 202.520 203.247 205.034 206.329 208.766 207.646 206.965 204.994 206.701 205.209 205.673 205.817 206.607 207.400 208.212 208.975 209.110 209.169 209.811 210.130 208.799
+120,00 Bpv
STANIČENÍ:
0.000 0.250 0.500 0.750 1.000 1.250 1.500 1.750 2.000 2.250 2.500 2.750
SMĚROVÉ POMĚRY:
L=542.804 m
A=489.898 Lp=200.000 m
R=1200.000 m Lc=132.745 m
A=489.898 Lp=200.000 m
L=228.357 m
A=387.298 Lp=150.000 m
R=-1000.000 m Lc=738.776 m
A=387.298 Lp=150.000 m
L=117.291 m
A=612.372 Lp=250.000 m
ZÚ 0.000 000
TP 0.542 804
PK 0.742 804
KP 0.875 548
PT 1.075 548
TP 1.303 905
PK 1.453 905
KP 2.192 681
PT 2.342 681
TP 2.459 973
PK 2.709 973


MÚK Heřmanice
km 3,150
Nadjezd větví MÚK
km 3,150
R=30000 m
t=22.548 m
y=0.008 m
3.107 048
3.129 597
3.152 145
0.65%
dl.=902.313 m
3.897 135
Nadjezd přeložky MK
km 4,000
R=20000 m
t=134.775 m
y=-0.454 m
4.031 910
4.026 648
4.166 685
-0.70%
dl.=581.036 m
4.470 431
R=15000 m
t=142.516 m
y=0.677 m
4.612 946
4.575 459
4.755 462
Most přes Michálkovický potok,
vodní plochy
km 5,440
1.20%
dl.=1356.481 m
Nadjezd přeložky III/4724
km 5,630
MÚK Rychvald
km 5,750
R=25000 m
t=28.237 m
y=0.016 m
5.941 190
5.969 427
5.997 664
Tunel Podlesí
dl. 610 m
km 6,050 - 6,660
1.43%
dl.=998.191 m
6.709 802
1.464 209.589 208.125
1.272 209.838 208.566
0.594 210.087 209.493
0.254 210.335 210.081
0.239 210.584 210.345
1.623 210.863 212.486
2.167 211.187 213.354
0.717 211.511 212.228
0.360 211.835 212.195
0.201 212.158 212.359
0.440 212.482 212.042
0.576 212.806 212.230
1.332 213.130 211.798
3.471 213.453 209.982
4.030 213.777 209.747
5.058 214.101 209.043
1.683 214.425 212.742
2.034 214.749 216.783
4.306 215.072 219.378
5.974 215.396 221.370
6.695 215.720 222.415
6.452 215.974 222.426
6.311 216.103 222.414
5.857 216.107 221.964
4.847 215.986 220.833
4.232 215.740 219.972
4.167 215.397 219.564
3.448 215.047 218.495
2.276 214.697 216.973
0.465 214.347 214.812
0.236 213.997 214.233
0.784 213.647 212.863
1.343 213.326 211.983
1.887 213.158 211.271
2.360 213.156 210.796
2.628 213.321 210.693
2.949 213.653 210.704
2.077 214.151 212.074
4.270 214.751 210.481
4.766 215.351 210.585
4.380 215.951 211.571
3.974 216.551 212.577
3.780 217.151 213.371
4.837 217.751 212.914
4.462 218.351 213.889
0.234 218.951 219.185
0.752 219.551 220.303
0.191 220.151 219.960
1.195 220.751 219.556
0.136 221.351 221.215
1.567 221.951 223.518
1.841 222.551 224.392
0.706 223.151 223.857
0.629 223.751 224.380
0.254 224.351 224.605
0.158 224.951 224.793
0.970 225.551 224.581
0.241 226.151 225.910
2.830 226.751 229.581
4.511 227.351 231.862
5.272 227.951 233.223
5.700 228.551 234.251
4.807 229.220 234.027
7.493 229.933 237.426
8.019 230.646 238.665
10.618 231.359 241.977
12.866 232.072 244.938
12.673 232.785 245.458
13.879 233.498 247.377
15.357 234.211 249.568
17.614 234.923 252.537
20.065 235.636 255.701
19.129 236.349 255.478
16.264 237.062 253.326
10.669 237.775 248.444
5.248 238.488 243.736
1.756 239.201 240.957
3.000
3.250
3.500
3.750
4.000
4.250
4.500
4.750
5.000
5.250
5.500
5.750
6.000
6.250
6.500
6.
R=1500.000 m
Lc=512.000 m
A=612.372
Lp=250.000 m
L=665.253 m
A=547.723
Lp=200.000 m
R=1500.000 m
Lc=265.652 m
A=547.723
Lp=200.000 m
L=99.911 m
A=547.723
Lp=200.000 m
R=1500.000 m
Lc=126.270 m
A=547.723
Lp=200.000 m
L=8.156 m
A=400.000
Lp=160.000 m
R=1000.000 m
Lc=391.618 m
A=400.000
Lp=160.000 m
L=245.067 m
A=400.000
Lp=160.000 m
KP 3.221 973
PT 3.471 973
TP 4.137 225
PK 4.337 225
KP 4.602 877
PT 4.802 877
TP 4.902 788
PK 5.102 788
KP 5.229 058
PT 5.429 058
TP 5.437 214
PK 5.597 214
KP 5.988 832
PT 6.148 832
TP 6.393 898
PK 6.553 898


MÚK Petřvald
km 8,530
Most přes vodoteč Guriňák
km 6,775
Nadjezd účelové komunikace
km 7,500
Most přes žel. vlečku
km 7,790
Most přes silnici I/59, vodoteč Stružka, místní komunikace
km 8,790
Nadjezd místní komunikace
km 9,010
R=20000 m
t=257.816 m
y=1.662 m
R=8300 m
t=315.492 m
y=-5.996 m
R=10000 m
t=129.721 m
y=0.841 m
R=6500 m
t=149.539 m
y=1.720 m
R=5500 m
t=125.056 m
y=-1.422 m
R=5500 m
t=93.500 m
y=0.795 m
4.00%
dl.=685.669 m
-3.60%
dl.=539.090 m
-1.00%
dl.=692.921 m
3.60%
dl.=439.206 m
-0.95%
dl.=734.975 m
6.967 617
7.225 433
7.337 794
7.653 286
7.670 132
7.968 778
8.062 655
8.192 376
8.322 097
8.735 758
8.801 000
8.885 297
9.034 836
9.199 447
9.324 503
9.397 309
9.449 559
9.965 978
10.018 228
10.059 478
10.152 978
2.482 4.916 2.608 8.956 8.392 2.868 4.266 4.665 3.891 2.058 9.920 16.532 8.818 4.066 1.024 5.260 3.483 0.934 2.054 5.267 9.861 10.137 14.229 13.079 11.594 9.237 4.207 2.910 1.338 0.710 0.028 0.215 0.868 0.752 0.285 0.136 0.332 4.435 7.372 9.171 9.213 9.716 9.369 8.751 2.116 3.058 3.936 4.741 4.884 4.153 3.110 1.966 0.665 0.616 2.411 1.932 0.123 0.759 0.542 1.334 1.369 0.780 0.203 0.436 0.406 0.103 0.944 3.073 7.175 2.111 0.372 1.324 1.752
239.955 240.831 241.832 242.957 244.208 245.584 247.085 248.711 250.462 252.338 254.324 256.326 258.319 260.097 261.574 262.749 263.624 264.197 264.469 264.439 264.109 263.477 262.544 261.310 259.775 257.997 256.198 254.468 252.981 251.744 250.756 250.019 249.493 248.991 248.489 247.987 247.485 246.983 246.481 245.980 245.493 245.293 245.478 246.047 247.001 248.340 250.045 251.844 253.642 255.441 257.008 258.119 258.777 258.980 258.728 258.253 257.778 257.303 256.828 256.353 255.878 255.403 254.928 254.453 253.978 253.608 253.670 254.186 255.156 256.381 257.606 258.831 260.056
237.473 235.915 244.440 251.913 252.600 248.452 251.351 253.376 254.353 250.280 244.404 239.794 249.501 256.031 262.598 268.009 267.107 265.131 262.415 259.172 254.248 253.340 248.315 248.231 248.181 248.760 251.991 251.558 251.643 251.034 250.728 250.234 250.361 249.743 248.774 248.123 247.153 242.548 239.109 236.809 236.280 235.577 236.109 237.296 244.885 251.398 253.981 256.585 258.526 259.594 260.118 260.085 259.442 258.364 256.317 256.321 257.655 258.062 257.370 255.019 254.509 254.623 255.131 254.889 254.384 253.711 252.726 251.113 247.981 254.270 257.978 260.155 261.808
.750
7.000
7.250
7.500
7.750
8.000
8.250
8.500
8.750
9.000
9.250
9.500
9.750
10.000
10.250
R=-1000.000 m
Lc=532.442 m
A=400.000
Lp=160.000 m
L=431.772 m
A=547.723
Lp=200.000 m
R=-1500.000 m
Lc=70.209 m
A=547.723
Lp=200.000 m
L=83.443 m
A=300.000
Lp=150.000 m
R=600.000 m
Lc=491.884 m
A=300.000
Lp=150.000 m
L=317.097 m
A=424.264
Lp=150.000 m
R=-1200.000 m
Lc=28.576 m
A=424.264
Lp=150.000 m
L=828.191 m
KP 7.086 340
PT 7.246 340
TP 7.678 112
PK 7.878 112
KP 7.948 321
PT 8.148 321
TP 8.231 764
PK 8.381 764
KP 8.873 648
PT 9.023 648
TP 9.340 745
PK 9.490 745
KP 9.519 321
PT 9.669 321


R=5500 m
t=146.823 m
y=-1.960 m
R=10000 m
t=189.450 m
y=1.795 m
R=12000 m
t=133.407 m
y=-0.742 m
R=12000 m
t=236.121 m
y=2.323 m
R=5500 m
t=59.161 m
y=-0.318 m
2.45%
dl.=1401.833 m
-2.89%
dl.=639.736 m
0.90%
dl.=940.772 m
-1.45%
dl.=675.969 m
2.60%
dl.=655.244 m
0.50%
dl.=134.556 m
Nadjezd účelové komunikace km 11,410
Most přes vodoteč Bartošůvka km 12,120
Nadjezd silnice III/47210 km 12,460
MÚK Havířov sever II km 13,910
Most přes OK (MÚK HS II) km 13,915
Most přes kolejiště žel. vlečky, účelové komunikace km 14,400
11.314 488
11.461 311
11.449 238
11.608 134
11.911 597
12.101 047
12.200 498
12.290 498
12.908 411
13.041 819
13.016 4
13.175 226
13.481 666
13.640 483
13.717 788
13.953 909
14.313 871
14.373 031
14.432 192
14.507 588
263.471 | 261.281 | 2.190
264.738 | 262.506 | 2.232
266.070 | 263.731 | 2.339
266.788 | 264.956 | 1.832
267.269 | 266.181 | 1.088
267.234 | 267.406 | 0.172
266.603 | 268.631 | 2.028
264.598 | 269.856 | 5.258
267.902 | 271.081 | 3.179
272.078 | 272.306 | 0.228
274.453 | 273.531 | 0.922
275.524 | 274.756 | 0.768
275.214 | 275.981 | 0.767
272.225 | 277.206 | 4.981
271.102 | 278.431 | 7.329
279.998 | 279.656 | 0.342
283.260 | 280.881 | 2.379
288.534 | 282.106 | 6.428
292.331 | 283.331 | 9.000
295.349 | 284.441 | 10.908
294.264 | 285.116 | 9.148
292.676 | 285.336 | 7.340
289.516 | 285.102 | 4.414
286.188 | 284.413 | 1.775
279.095 | 283.270 | 4.175
283.486 | 281.832 | 1.654
283.148 | 280.387 | 2.761
281.247 | 278.943 | 2.304
280.394 | 277.498 | 2.896
280.658 | 276.054 | 4.604
279.555 | 274.609 | 4.946
277.036 | 273.238 | 3.798
273.456 | 272.111 | 1.345
270.445 | 271.233 | 0.788
264.455 | 270.606 | 6.151
265.594 | 270.228 | 4.634
270.409 | 270.101 | 0.308
273.585 | 270.223 | 3.362
277.647 | 270.591 | 7.056
280.222 | 271.041 | 9.181
281.514 | 271.491 | 10.023
278.518 | 271.941 | 6.577
279.930 | 272.391 | 7.539
278.061 | 272.841 | 5.220
276.309 | 273.291 | 3.018
273.128 | 273.741 | 0.613
272.463 | 274.191 | 1.728
271.878 | 274.641 | 2.763
271.105 | 275.091 | 3.986
284.056 | 275.541 | 8.515
275.580 | 275.991 | 0.411
270.069 | 276.369 | 6.300
268.681 | 276.542 | 7.861
272.519 | 276.506 | 3.987
271.371 | 276.262 | 4.891
271.605 | 275.809 | 4.204
271.197 | 275.174 | 3.977
271.345 | 274.512 | 3.167
271.298 | 273.851 | 2.553
274.003 | 273.189 | 0.814
272.828 | 272.527 | 0.301
270.363 | 271.866 | 1.503
270.072 | 271.218 | 1.146
267.714 | 270.737 | 3.023
266.648 | 270.464 | 3.816
266.790 | 270.399 | 3.609
267.129 | 270.543 | 3.414
267.663 | 270.895 | 3.232
274.084 | 271.456 | 2.628
276.567 | 272.225 | 4.342
276.348 | 273.202 | 3.146
267.158 | 274.387 | 7.229
266.908 | 275.693 | 8.785
266.599 | 276.999 | 10.400
264.207 | 278.305 | 14.098
266.036 | 279.610 | 13.574
264.557 | 280.916 | 16.359
264.814 | 282.222 | 17.408
268.763 | 283.528 | 14.765
273.170 | 284.716 | 11.546
274.480 | 285.466 | 10.986
273.324 | 285.790 | 12.466
274.224 | 286.021 | 11.797
10.500
10.750
11.000
11.250
11.500
11.750
12.000
12.250
12.500
12.750
13.000
13.250
13.500
13.750
14.000
14.250
14.50
A=489.898
Lp=200.000 m
R=-1200.000 m
Lc=1177.181 m
A=489.898
Lp=200.000 m
L=347.927 m
A=0.000
Lp=200.000 m
R=1200.000 m
Lc=1053.109 m
A=0.000
Lp=200.000 m
L=82.996 m
A=0.000
Lp=150.000 m
R=-1200.000 m
Lc=150.421 m
A=0.000
Lp=150.000 m
L=95.997 m
TP 10.497 512
PK 10.697 512
KP 11.874 693
PT 12.074 693
TP 12.422 620
PK 12.622 620
KP 13.675 729
PT 13.875 729
TP 13.958 725
PK 14.108 725
KP 14.259 145
PT 14.409 145
KÚ 14.505 143

⇨ Havířov (I/11)

00

VÝŠKOVÝ SYSTÉM Bpv SOUŘADNICOVÝ SYSTÉM S-JTSK

Číslo změny:	*Obsah změny:*	*Datum změny:*
01	-	-
02	-	-
03	-	-

Investor:	*Objednatel:*
Moravskoslezský kraj 28. října 2771/117 702 00 Ostrava	Moravskoslezský kraj 28. října 2771/117 702 00 Ostrava

Generální projektant:

SUDOP PRAHA a.s.
Olšanská 1a, 130 00 Praha 3
tel.: +420 267 094 111
e-mail: praha@sudop.cz

Hlavní inženýr projektu: ING. MATĚJ MAREŠ

Zástupce HIP ING. IVANA ADAMOVÁ

Středisko:
205 – KONCEPCE DOPRAVY

Vedoucí střediska:	*Odpovědný projektant:*	*Vypracoval:*	*Kontrolovala:*
ING. ANDREA PLIŠKOVÁ	ING. JAN TUREK	ING. JAN TUREK	ING. IVANA ADAMOVÁ

Název akce:
Dopravní obslužnost území v prostoru Bohumín – Rychvald – Petřvald – Orlová – Havířov – Karviná s napojením na nadřazenou síť

Číslo smlouvy: 24-066.205

Projektový stupeň: ÚS

Část:
B Výkresová část

Datum: 01/2025

Číslo části: B

Název přílohy:

Podélný profil
Varianta 2 – trasa přes Podlesí

Měřítko: 1:10 000/1 000

Počet formátů: 9 x A4

Číslo přílohy: **B.3.2**

DOKUMENT LZE UŽÍVAT POUZE VE SMYSLU PŘÍSLUŠNÉ SMLOUVY O DÍLO. ŽÁDNÁ JEHO ČÁST NEMŮŽE BÝT DLE ZÁKONA č.121/2000 Sb. KOPÍROVÁNA NEBO JINÝM ZPŮSOBEM ROZŠIŘOVÁNA BEZ SOUHLASU SUDOP PRAHA a.s.