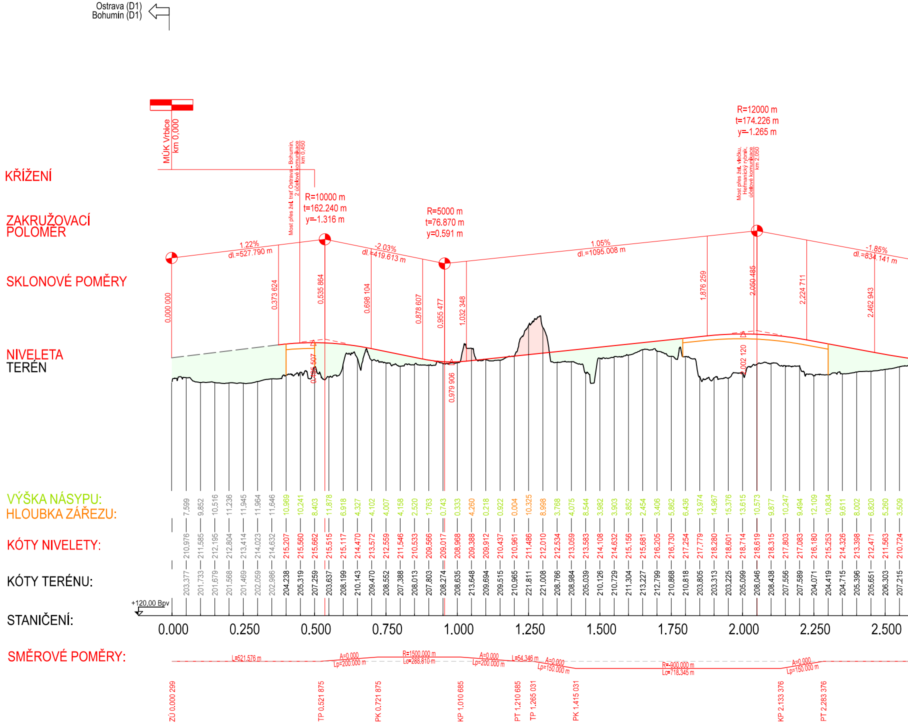
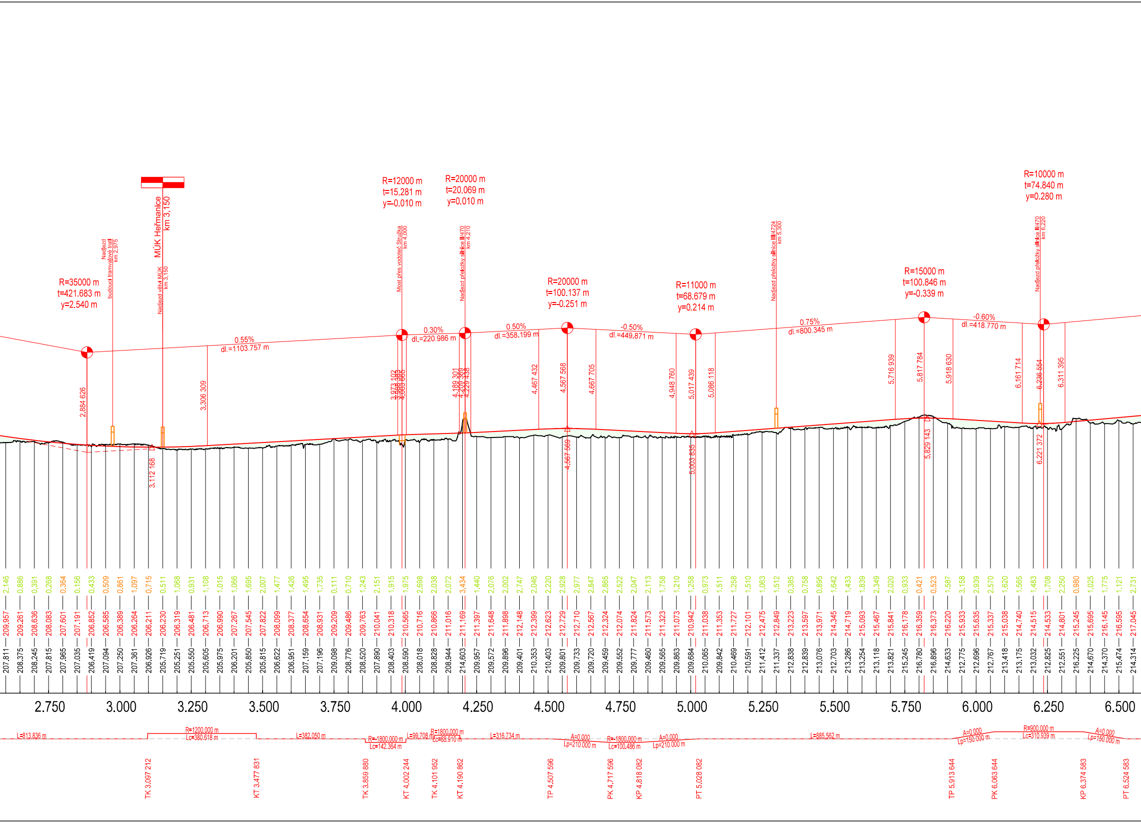
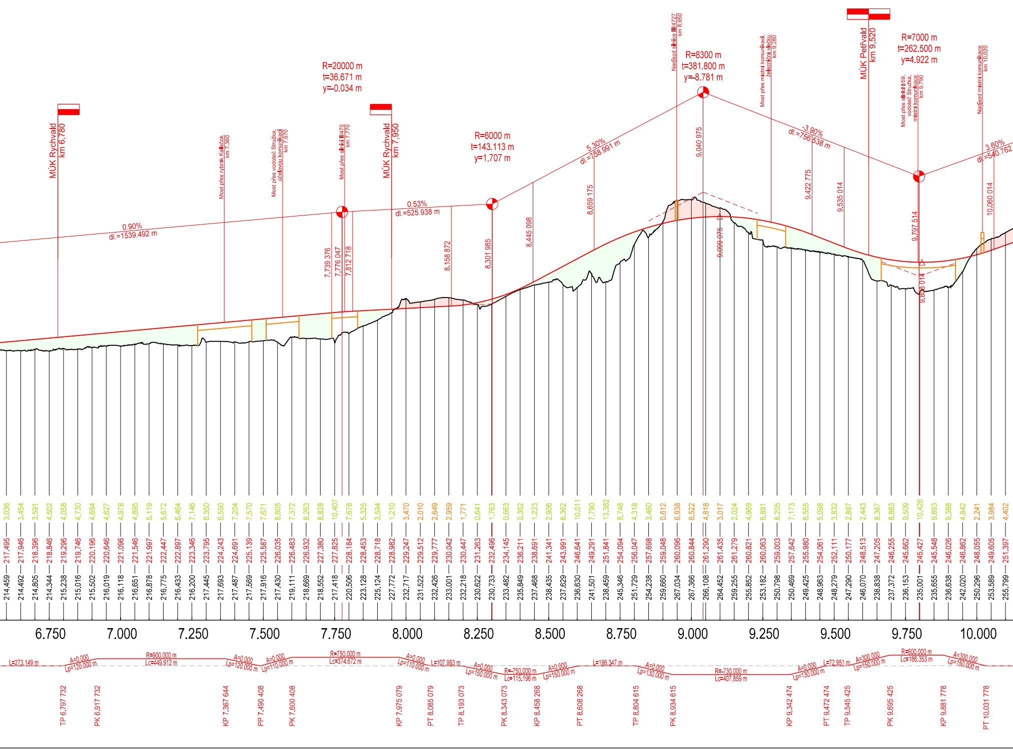
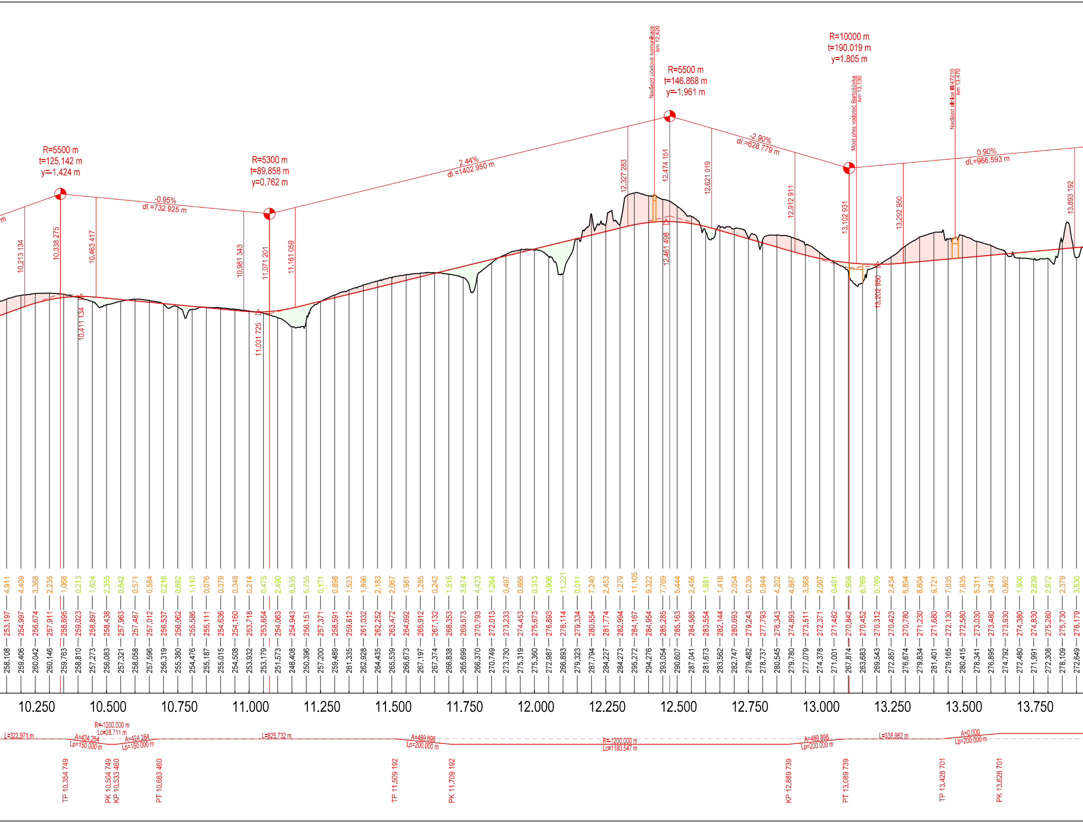
PODÉLNÝ PROFIL
Varianta 1 – trasa v koridoru dle ZÚR
MĚŘÍTKO 1 : 10 000 / 1 000

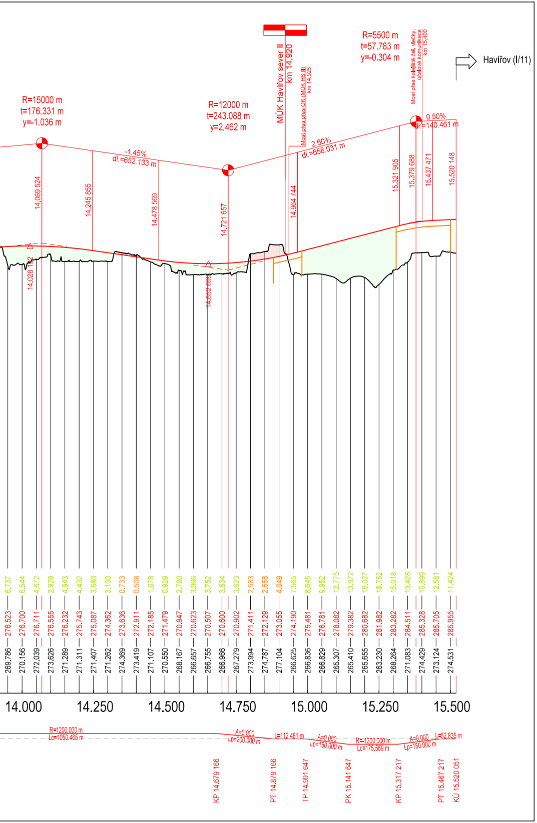

Ostrava (D1)
Bohumín (D1)
MÚK Vrbice km 0,000
Most přes žel. trať Ostrava - Bohumín, 2 účelové komunikace km 0,450
Most přes žel. vlečku, Heřmanický rybník, účelové komunikace km 2,050
KŘÍŽENÍ
ZAKRUŽOVACÍ POLOMĚR
R=10000 m
t=162.240 m
y=1.316 m
R=5000 m
t=76.870 m
y=0.591 m
R=12000 m
t=174.226 m
y=1.265 m
SKLONOVÉ POMĚRY
1.22%
dl.=527.790 m
-2.03%
dl.=419.613 m
1.05%
dl.=1095.008 m
-1.85%
dl.=834.141 m
0.000 000
0.373 624
0.535 864
0.698 104
0.878 607
0.955 477
1.032 348
1.876 259
2.050 485
2.224 711
2.462 943
0.485 507
0.979 906
2.002 120
NIVELETA
TERÉN
VÝŠKA NÁSYPU:
HLOUBKA ZÁŘEZU:
7.599 9.852 10.516 11.236 11.945 11.964 11.646 10.969 10.241 8.403 11.878 6.918 4.327 4.102 4.007 4.158 2.520 1.763 0.743 0.333 4.260 0.218 0.922 0.004 10.325 8.998 3.768 4.075 8.544 3.982 3.903 3.852 2.454 3.406 5.862 6.436 13.974 14.967 15.376 13.615 10.573 9.877 10.247 9.494 12.109 10.834 9.611 8.002 6.820 5.260 3.509
KÓTY NIVELETY:
210.976 211.585 212.195 212.804 213.414 214.023 214.632 215.207 215.560 215.662 215.515 215.117 214.470 213.572 212.559 211.546 210.533 209.566 209.017 208.968 209.388 209.912 210.437 210.961 211.486 212.010 212.534 213.059 213.583 214.108 214.632 215.156 215.681 216.205 216.730 217.254 217.779 218.280 218.601 218.714 218.619 218.315 217.803 217.083 216.180 215.253 214.326 213.398 212.471 211.563 210.724
KÓTY TERÉNU:
203.377 201.733 201.679 201.568 201.469 202.059 202.986 204.238 205.319 207.259 203.637 208.199 210.143 209.470 208.552 207.388 208.013 207.803 208.274 208.635 213.648 209.694 209.515 210.965 221.811 221.008 208.766 208.984 205.039 210.126 210.729 211.304 213.227 212.799 210.868 210.818 203.805 203.313 203.225 205.099 208.046 208.438 207.556 207.589 204.071 204.419 204.715 205.396 205.651 206.303 207.215
+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
SMĚROVÉ POMĚRY:
L=521.576 m
A=0.000
Lp=200.000 m
R=1500.000 m
Lc=288.810 m
A=0.000
Lp=200.000 m
L=54.346 m
A=0.000
Lp=150.000 m
R=-900.000 m
Lc=718.345 m
A=0.000
Lp=150.000 m
ZÚ 0.000 299
TP 0.521 875
PK 0.721 875
KP 1.010 685
PT 1.210 685
TP 1.265 031
PK 1.415 031
KP 2.133 376
PT 2.283 376


R=35000 m
t=421.683 m
y=2.540 m
Nadjezd budoucí tramvajové trati km 2,975
MÚK Heřmanice km 3,150
Nadjezd větví MÚK km 3,150
R=12000 m
t=15.281 m
y=-0.010 m
Most přes vodoteč Stružka km 4,000
R=20000 m
t=20.069 m
y=0.010 m
Nadjezd přeložky silnice II/470 km 4,210
R=20000 m
t=100.137 m
y=-0.251 m
R=11000 m
t=68.679 m
y=0.214 m
Nadjezd přeložky silnice III/4724 km 5,300
R=15000 m
t=100.846 m
y=-0.339 m
R=10000 m
t=74.840 m
y=0.280 m
Nadjezd přeložky silnice II/470 km 6,220
0.55%
dl.=1103.757 m
0.30%
dl.=220.986 m
0.50%
dl.=358.199 m
-0.50%
dl.=449.871 m
0.75%
dl.=800.345 m
-0.60%
dl.=418.770 m
2.884 626
3.112 168
3.306 309
3.973 102
3.988 383
4.003 665
4.189 301
4.209 369
4.229 438
4.467 432
4.567 568
4.567 569
4.667 705
4.948 760
5.017 439
5.003 835
5.086 118
5.716 939
5.817 784
5.829 143
5.918 630
6.161 714
6.236 554
6.221 372
6.311 395
2.146 209.957 207.811
0.886 209.261 208.375
0.391 208.636 208.245
0.268 208.083 207.815
0.364 207.601 207.965
0.156 207.191 207.035
0.433 206.852 206.419
0.509 206.585 207.094
0.861 206.389 207.250
1.097 206.264 207.361
0.715 206.211 206.926
0.511 206.230 205.719
1.068 206.319 205.251
0.931 206.481 205.550
1.108 206.713 205.605
1.015 206.990 205.975
1.066 207.267 206.201
1.695 207.545 205.850
2.007 207.822 205.815
1.477 208.099 206.622
1.426 208.377 206.951
1.495 208.654 207.159
1.735 208.931 207.196
0.111 209.209 209.098
0.710 209.486 208.776
1.243 209.763 208.520
2.151 210.041 207.890
1.915 210.318 208.403
1.975 210.565 208.590
2.698 210.716 208.018
2.038 210.866 208.828
2.072 211.016 208.944
3.434 211.169 214.603
1.440 211.397 209.957
2.076 211.648 209.572
2.002 211.898 209.896
2.747 212.148 209.401
2.046 212.399 210.353
2.220 212.623 210.403
2.928 212.729 209.801
2.977 212.710 209.733
2.847 212.567 209.720
2.865 212.324 209.459
2.522 212.074 209.552
2.047 211.824 209.777
2.113 211.573 209.460
1.758 211.323 209.565
1.210 211.073 209.863
1.258 210.942 209.684
0.973 211.038 210.065
1.511 211.353 209.842
1.258 211.727 210.469
1.510 212.101 210.591
1.063 212.475 211.412
1.512 212.849 211.337
0.385 213.223 212.838
0.758 213.597 212.839
0.895 213.971 213.076
1.642 214.345 212.703
1.433 214.719 213.286
1.839 215.093 213.254
2.349 215.467 213.118
2.020 215.841 213.821
0.933 216.178 215.245
0.421 216.359 216.780
0.523 216.373 216.896
1.587 216.220 214.633
3.158 215.933 212.775
2.939 215.635 212.696
2.570 215.337 212.767
1.620 215.038 213.418
1.565 214.740 213.175
1.483 214.515 213.032
1.708 214.533 212.825
2.250 214.801 212.551
0.980 215.245 216.225
1.025 215.695 214.670
1.775 216.145 214.370
1.121 216.595 215.474
2.731 217.045 214.314
2.750
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
L=813.836 m
R=1200.000 m
Lc=380.618 m
L=382.050 m
R=-1800.000 m
Lc=142.364 m
L=99.708 m
R=1800.000 m
Lc=88.910 m
L=316.734 m
A=0.000
Lp=210.000 m
R=-1800.000 m
Lc=100.486 m
A=0.000
Lp=210.000 m
L=885.562 m
A=0.000
Lp=150.000 m
R=900.000 m
Lc=310.939 m
A=0.000
Lp=150.000 m
TK 3.097 212
KT 3.477 831
TK 3.859 880
KT 4.002 244
TK 4.101 952
KT 4.190 862
TP 4.507 596
PK 4.717 596
KP 4.818 082
PT 5.028 082
TP 5.913 644
PK 6.063 644
KP 6.374 583
PT 6.524 583


MÚK Rychvald km 6,780
Most přes rybník Kališčok km 7,360
Most přes vodoteč Stružka, účelovou komunikaci km 7,570
Most přes silnici II/470 km 7,770
MÚK Rychvald km 7,950
R=20000 m
t=36.671 m
y=-0.034 m
0.90%
dl.=1539.492 m
0.53%
dl.=525.938 m
7.739 376
7.776 047
7.812 718
8.158 872
R=6000 m
t=143.113 m
y=1.707 m
8.301 985
8.445 098
5.30%
dl.=738.991 m
8.659 175
Nadjezd silnice III/4727 km 8,950
R=8300 m
t=381.800 m
y=-8.781 m
9.040 975
9.099 075
Most přes místní komunikaci, železniční vlečku km 9,280
-3.90%
dl.=756.538 m
9.422 775
9.535 014
MÚK Petřvald km 9,520
R=7000 m
t=262.500 m
y=4.922 m
Most přes silnici I/59, vodoteč Stružka, místní komunikace km 9,790
9.797 514
9.808 014
Nadjezd místní komunikace km 10,020
3.60%
dl.=540.762 m
10.060 014
3.036 3.454 3.591 4.502 4.058 4.730 4.694 4.627 4.978 4.895 5.119 5.672 6.464 7.146 6.350 6.550 7.204 7.570 7.671 8.605 7.372 8.263 8.828 10.407 7.678 5.325 3.594 1.210 3.470 2.010 2.649 2.959 1.771 0.641 1.763 0.663 0.362 1.223 2.906 6.362 10.011 7.790 13.382 8.748 4.318 3.460 0.612 6.938 6.522 4.818 3.017 2.024 4.969 6.881 8.205 7.173 6.555 5.098 3.832 2.887 2.443 8.367 8.883 9.509 10.426 9.893 9.388 4.842 2.241 3.984 4.402
217.495 217.946 218.396 218.846 219.296 219.746 220.196 220.646 221.096 221.546 221.997 222.447 222.897 223.346 223.795 224.243 224.691 225.139 225.587 226.035 226.483 226.932 227.380 227.825 228.184 228.453 228.718 228.982 229.247 229.512 229.777 230.042 230.447 231.263 232.496 234.145 236.211 238.691 241.341 243.991 246.641 249.291 251.841 254.094 256.047 257.698 259.048 260.096 260.844 261.290 261.435 261.279 260.821 260.063 259.003 257.642 255.980 254.061 252.111 250.177 248.513 247.205 246.255 245.662 245.427 245.548 246.026 246.862 248.055 249.605 251.397
214.459 214.492 214.805 214.344 215.238 215.016 215.502 216.019 216.118 216.651 216.878 216.775 216.433 216.200 217.445 217.693 217.487 217.569 217.916 217.430 219.111 218.669 218.552 217.418 220.506 223.128 225.124 227.772 232.717 231.522 232.426 233.001 232.218 230.622 230.733 233.482 235.849 237.468 238.435 237.629 236.630 241.501 238.459 245.346 251.729 254.238 259.660 267.034 267.366 266.108 264.452 259.255 255.852 253.182 250.798 250.469 249.425 248.963 248.279 247.290 246.070 238.838 237.372 236.153 235.001 235.655 236.638 242.020 250.296 253.589 255.799
6.750
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
L=273.149 m
A=0.000
Lp=120.000 m
R=900.000 m
Lc=449.912 m
A=0.000
Lp=120.000 m
A=0.000
Lp=110.000 m
R=750.000 m
Lc=374.672 m
A=0.000
Lp=110.000 m
L=107.993 m
A=0.000
Lp=150.000 m
R=-750.000 m
Lc=115.196 m
A=0.000
Lp=150.000 m
L=196.347 m
A=0.000
Lp=130.000 m
R=-730.000 m
Lc=407.859 m
A=0.000
Lp=130.000 m
L=72.951 m
A=300.000
Lp=150.000 m
R=600.000 m
Lc=186.353 m
A=300.000
Lp=150.000 m
TP 6.797 732
PK 6.917 732
KP 7.367 644
PP 7.490 408
PK 7.600 408
KP 7.975 079
PT 8.085 079
TP 8.193 073
PK 8.343 073
KP 8.458 268
PT 8.608 268
TP 8.804 615
PK 8.934 615
KP 9.342 474
PT 9.472 474
TP 9.545 425
PK 9.695 425
KP 9.881 778
PT 10.031 778


m
R=5500 m
t=125.142 m
y=-1.424 m
-0.95%
dl.=732.925 m
R=5300 m
t=89.858 m
y=0.762 m
2.44%
dl.=1402.950 m
Nadjezd účelové komunikace
km 12,420
R=5500 m
t=146.868 m
y=-1.961 m
-2.90%
dl.=628.779 m
R=10000 m
t=190.019 m
y=1.805 m
Most přes vodoteč Bartošůvka
km 13,130
Nadjezd silnice III/47210
km 13,470
0.90%
dl.=966.593 m
10.213 134
10.338 275
10.463 417
10.411 134
10.981 343
11.071 201
11.161 059
11.031 725
12.327 283
12.474 151
12.461 498
12.621 019
12.912 911
13.102 931
13.292 950
13.202 950
13.893 192
10.250
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
L=322.971 m
R=-1200.000 m
Lc=28.711 m
A=424.264
Lp=150.000 m
A=424.264
Lp=150.000 m
L=825.732 m
A=489.898
Lp=200.000 m
R=-1200.000 m
Lc=1180.547 m
A=489.898
Lp=200.000 m
L=338.962 m
A=0.000
Lp=200.000 m
TP 10.354 749
PK 10.504 749
KP 10.533 460
PT 10.683 460
TP 11.509 192
PK 11.709 192
KP 12.889 739
PT 13.089 739
TP 13.428 701
PK 13.628 701

258.108	253.197	4.911
259.406	254.997	4.409
260.042	256.674	3.368
260.146	257.911	2.235
259.763	258.695	1.068
258.810	259.023	0.213
257.273	258.897	1.624
256.083	258.438	2.355
257.321	257.963	0.642
258.058	257.487	0.571
257.596	257.012	0.584
256.319	256.537	0.218
255.380	256.062	0.682
254.476	255.586	1.110
255.187	255.111	0.076
255.015	254.636	0.379
254.508	254.160	0.348
253.932	253.718	0.214
253.179	253.654	0.475
251.573	254.063	2.490
248.408	254.943	6.535
250.396	256.151	5.755
257.200	257.371	0.171
259.489	258.591	0.898
261.335	259.812	1.523
262.928	261.032	1.896
264.435	262.252	2.183
265.539	263.472	2.067
266.673	264.692	1.981
267.197	265.912	1.285
267.374	267.132	0.242
266.838	268.353	1.515
265.699	269.573	3.874
266.370	270.793	4.423
270.749	272.013	1.264
273.730	273.233	0.497
275.319	274.453	0.866
275.360	275.673	0.313
272.987	276.893	3.906
266.893	278.114	11.221
279.323	279.334	0.011
287.794	280.554	7.240
284.227	281.774	2.453
284.273	282.994	1.279
295.272	284.167	11.105
294.276	284.954	9.322
293.054	285.285	7.769
290.607	285.163	5.444
287.041	284.585	2.456
281.673	283.554	1.881
283.562	282.144	1.418
282.747	280.693	2.054
279.482	279.243	0.239
278.737	277.793	0.944
280.545	276.343	4.202
279.780	274.893	4.887
277.079	273.511	3.568
274.378	272.371	2.007
271.001	271.482	0.481
267.874	270.842	2.968
263.683	270.452	6.769
269.543	270.312	0.769
272.857	270.423	2.434
276.674	270.780	5.894
279.834	271.230	8.604
281.401	271.680	9.721
279.165	272.130	7.035
280.415	272.580	7.835
278.341	273.030	5.311
276.895	273.480	3.415
274.792	273.930	0.862
272.480	274.380	1.900
271.991	274.830	2.839
272.308	275.280	2.972
278.109	275.730	2.379
272.649	276.179	3.530


R=15000 m
t=176.331 m
y=-1.036 m
R=12000 m
t=243.088 m
y=2.462 m
MÚK Havířov sever II
km 14,920
Most přes přes OK (MÚK HS II)
km 14,925
R=5500 m
t=57.783 m
y=-0.304 m
Most přes kolejiště žel. vlečky, účelové komunikace
km 15,400
Havířov (I/11)
-1.45%
dl.=652.133 m
2.60%
dl.=658.031 m
0.50%
dl.=140.461 m
14,069 524
14,245 855
14,478 569
14,721 657
14,964 744
15,321 905
15,379 688
15,437 471
15,520 148
14,028 132
14,652 699
6.737
6.544
4.672
2.929
4.943
4.432
3.680
3.100
0.733
0.508
1.078
0.929
2.780
3.966
3.752
3.634
3.623
2.583
2.658
4.049
7.565
8.645
9.952
12.775
13.972
15.027
18.752
15.018
13.428
10.899
12.581
11.424
276.523
276.700
276.711
276.555
276.232
275.743
275.087
274.362
273.636
272.911
272.185
271.479
270.947
270.623
270.507
270.600
270.902
271.411
272.129
273.055
274.190
275.481
276.781
278.082
279.382
280.682
281.982
283.282
284.511
285.328
285.705
285.955
269.786
270.156
272.039
273.626
271.289
271.311
271.407
271.262
274.369
273.419
271.107
270.550
268.167
266.657
266.755
266.966
267.279
273.994
274.787
277.104
266.625
266.836
266.829
265.307
265.410
265.655
263.230
268.264
271.083
274.429
273.124
274.531
14.000
14.250
14.500
14.750
15.000
15.250
15.500
R=1200.000 m
Lc=1050.465 m
A=0.000
Lp=200.000 m
L=112.481 m
A=0.000
Lp=150.000 m
R=1200.000 m
Lc=175.569 m
A=0.000
Lp=150.000 m
L=52.835 m
KP 14.679 166
PT 14.879 166
TP 14.991 647
PK 15.141 647
KP 15.317 217
PT 15.467 217
KÚ 15.520 051

VÝŠKOVÝ SYSTÉM Bpv SOUŘADNICOVÝ SYSTÉM S-JTSK

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

Investor:

Moravskoslezský kraj
28. října 2771/117
702 00 Ostrava

Objednatel:

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 1 – trasa v koridoru dle ZÚR

Měřítko: 1:10 000/1 000

Počet formátů: 9 x A4

Číslo přílohy: **B.3.1**

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.