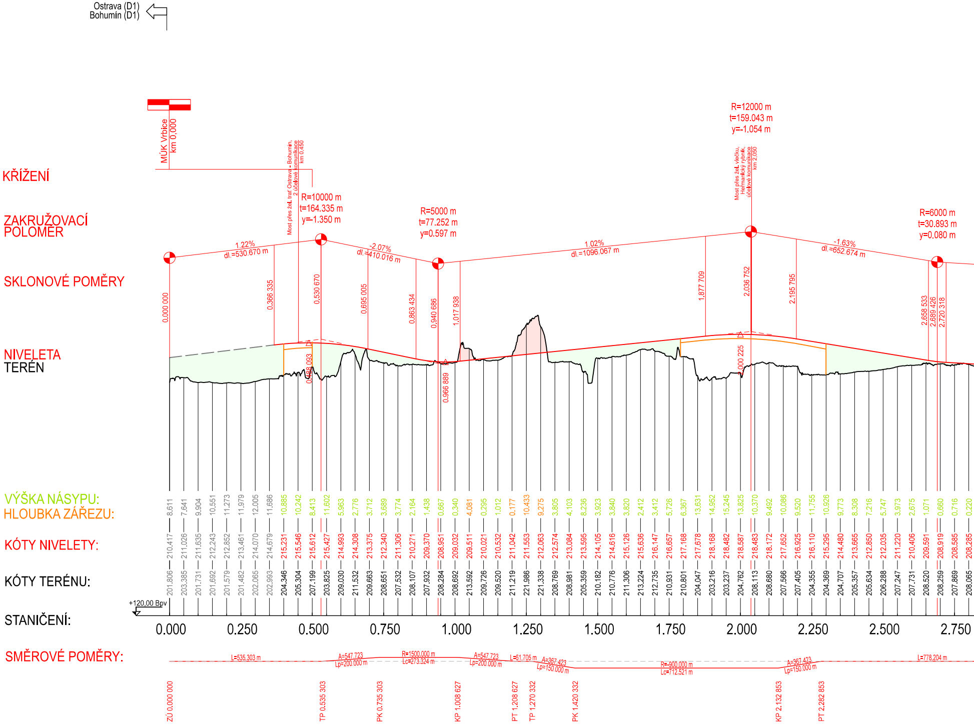
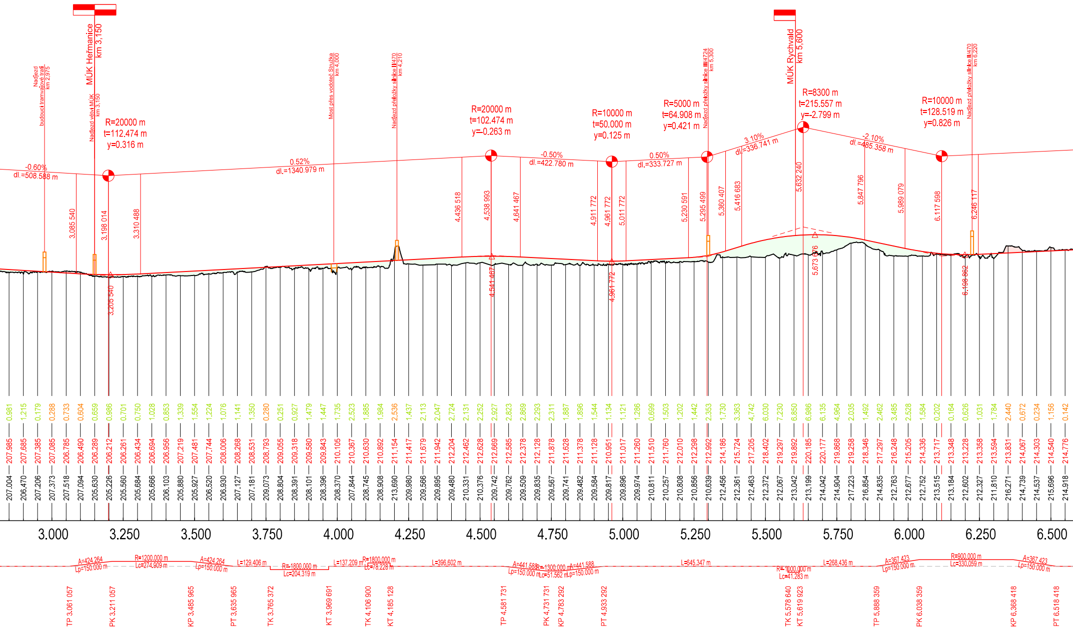
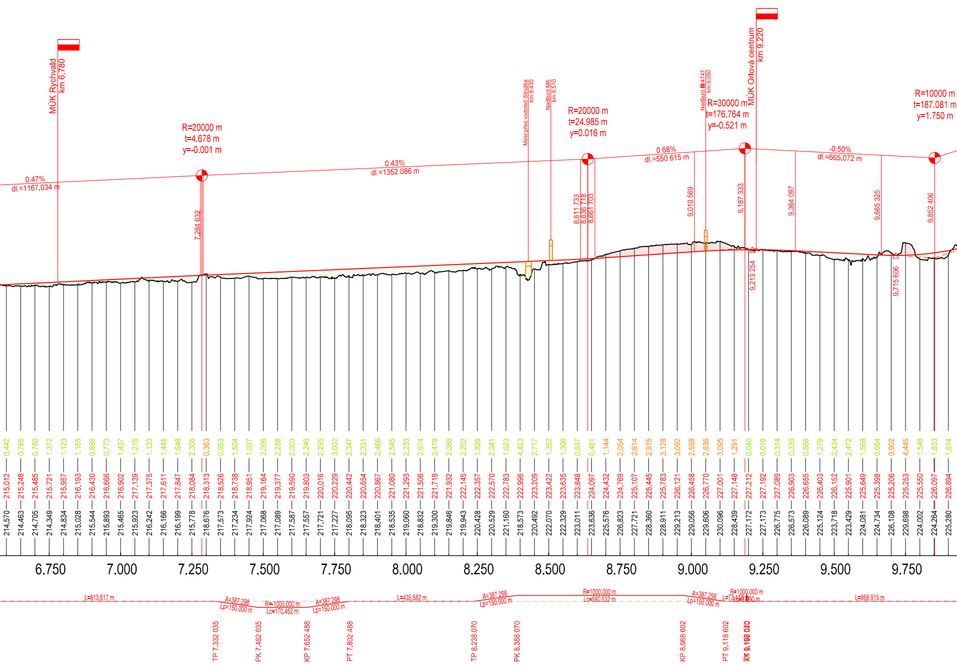
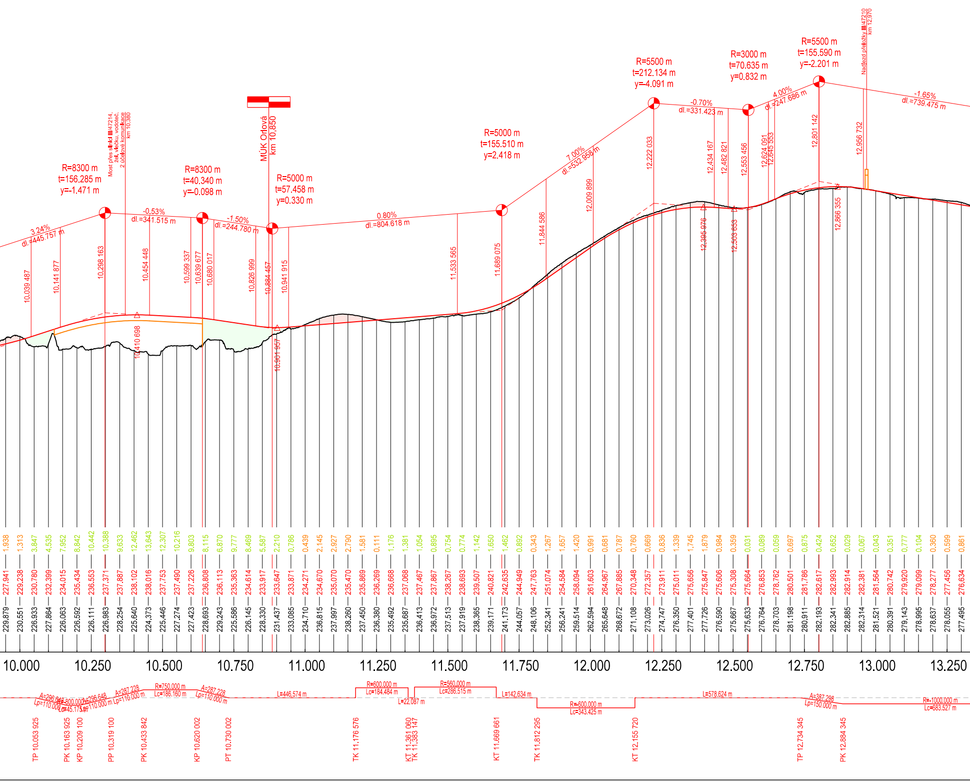
PODÉLNÝ PROFIL
Varianta 3 – trasa přes Orlovou
MĚŘÍTKO 1 : 10 000 / 1 000


Ostrava (D1)
Bohumín (D1)
KŘÍŽENÍ
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
ZAKRUŽOVACÍ POLOMĚR
R=10000 m t=164.335 m y=1.350 m
R=5000 m t=77.252 m y=0.597 m
R=12000 m t=159.043 m y=-1.054 m
R=6000 m t=30.893 m y=0.080 m
SKLONOVÉ POMĚRY
1.22% dl.=530.670 m
-2.07% dl.=410.016 m
1.02% dl.=1096.067 m
-1.63% dl.=652.674 m
0.000 000
0.366 335
0.530 670
0.695 005
0.863 434
0.940 686
1.017 938
1.877 709
2.036 752
2.195 795
2.658 533
2.689 426
2.720 318
NIVELETA
TERÉN
0.498 093
0.966 889
2.000 225
VÝŠKA NÁSYPU:
HLOUBKA ZÁŘEZU:
8.611, 7.641, 9.904, 10.551, 11.273, 11.979, 12.005, 11.686, 10.885, 10.242, 8.413, 11.602, 5.963, 2.776, 3.712, 3.689, 3.774, 2.164, 1.438, 0.667, 0.340, 4.081, 0.295, 1.012, 0.177, 10.433, 9.275, 3.805, 4.103, 8.236, 3.923, 3.840, 3.820, 2.412, 3.412, 5.726, 6.367, 13.631, 14.952, 15.245, 13.825, 10.370, 9.492, 10.086, 9.520, 11.755, 10.926, 9.773, 8.308, 7.216, 5.747, 3.973, 2.675, 1.071, 0.660, 0.716, 0.220
KÓTY NIVELETY:
210.417, 211.026, 211.635, 212.243, 212.852, 213.461, 214.070, 214.679, 215.231, 215.546, 215.612, 215.427, 214.993, 214.308, 213.375, 212.340, 211.306, 210.271, 209.370, 208.951, 209.032, 209.511, 210.021, 210.532, 211.042, 211.553, 212.063, 212.574, 213.084, 213.595, 214.105, 214.616, 215.126, 215.636, 216.147, 216.657, 217.168, 217.678, 218.168, 218.482, 218.587, 218.483, 218.172, 217.652, 216.925, 216.110, 215.295, 214.480, 213.665, 212.850, 212.035, 211.220, 210.406, 209.591, 208.919, 208.585, 208.285
KÓTY TERÉNU:
201.806, 203.385, 201.731, 201.692, 201.579, 201.482, 202.065, 202.993, 204.346, 205.304, 207.199, 203.825, 209.030, 211.532, 209.663, 208.651, 207.532, 208.107, 207.932, 208.284, 208.692, 213.592, 209.726, 209.520, 211.219, 221.986, 221.338, 208.769, 208.981, 205.359, 210.182, 210.776, 211.306, 213.224, 212.735, 210.931, 210.801, 204.047, 203.216, 203.237, 204.762, 208.113, 208.680, 207.566, 207.405, 204.355, 204.369, 204.707, 205.357, 205.634, 206.288, 207.247, 207.731, 208.520, 208.259, 207.869, 208.065
+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=535.303 m
A=547.723 Lp=200.000 m
R=1500.000 m Lc=273.324 m
A=547.723 Lp=200.000 m
L=61.705 m
A=367.423 Lp=150.000 m
R=-900.000 m Lc=712.521 m
A=367.423 Lp=150.000 m
L=778.204 m
ZÚ 0.000 000
TP 0.535 303
PK 0.735 303
KP 1.008 627
PT 1.208 627
TP 1.270 332
PK 1.420 332
KP 2.132 853
PT 2.282 853

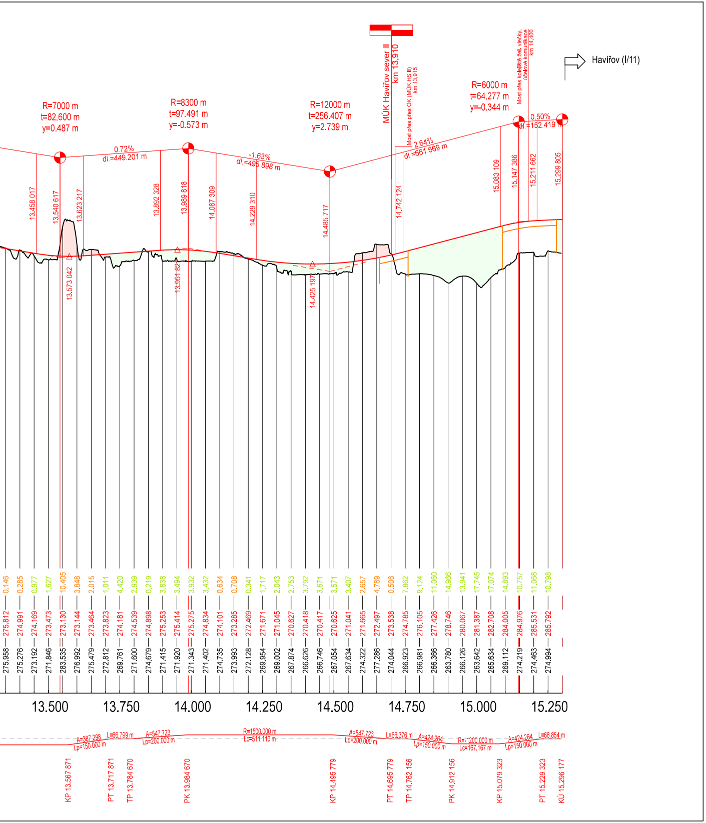

MÚK Heřmanice
km 3,150
Nadjezd budoucí tramvajové trati km 2,975
Nadjezd větve MÚK km 3,150
Most přes vodoteč Stružka km 4,000
Nadjezd přeložky silnice II/470 km 4,210
Nadjezd přeložky silnice III/4724 km 5,300
MÚK Rychvald
km 5,600
Nadjezd přeložky silnice II/470 km 6,220
-0.60%
dl.=508.588 m
R=20000 m
t=112.474 m
y=0.316 m
0.52%
dl.=1340.979 m
R=20000 m
t=102.474 m
y=-0.263 m
-0.50%
dl.=422.780 m
R=10000 m
t=50.000 m
y=0.125 m
0.50%
dl.=333.727 m
R=5000 m
t=64.908 m
y=0.421 m
3.10%
dl.=336.741 m
R=8300 m
t=215.557 m
y=-2.799 m
-2.10%
dl.=485.358 m
R=10000 m
t=128.519 m
y=0.826 m
3,085 540
3,198 014
3,205 540
3,310 488
4,436 518
4,538 993
4,541 467
4,641 467
4,911 772
4,961 772
4,961 772
5,011 772
5,230 591
5,295 499
5,360 407
5,416 683
5,632 240
5,673 6?6
5,847 796
5,989 079
6,117 598
6,198 962
6,246 117
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
A=424.264
Lp=150.000 m
R=1200.000 m
Lc=274.909 m
A=424.264
Lp=150.000 m
L=129.406 m
R=-1800.000 m
Lc=204.319 m
L=137.209 m
R=1800.000 m
Lc=78.228 m
L=396.602 m
A=441.588
Lp=150.000 m
R=-1300.000 m
Lc=51.562 m
A=441.588
Lp=150.000 m
L=645.347 m
R=-1000.000 m
Lc=41.283 m
L=268.436 m
A=367.423
Lp=150.000 m
R=900.000 m
Lc=330.059 m
A=367.423
Lp=150.000 m
TP 3,061 057
PK 3,211 057
KP 3,485 965
PT 3,635 965
TK 3,765 372
KT 3,969 691
TK 4,106 900
KT 4,185 128
TP 4,581 731
PK 4,731 731
KP 4,783 292
PT 4,933 292
TK 5,578 640
KT 5,619 923
TP 5,888 359
PK 6,038 359
KP 6,368 418
PT 6,518 418

0.981	207.985	207.004
1.215	207.685	206.470
0.179	207.385	207.206
0.288	207.085	207.373
0.733	206.785	207.518
0.604	206.490	207.094
0.659	206.289	205.630
0.986	206.212	205.226
0.701	206.261	205.560
0.750	206.434	205.684
1.028	206.694	205.666
0.853	206.956	206.103
1.339	207.219	205.880
1.554	207.481	205.927
1.224	207.744	206.520
1.076	208.006	206.930
1.141	208.268	207.127
1.350	208.531	207.181
0.280	208.793	209.073
0.251	209.055	208.804
0.927	209.318	208.391
1.479	209.580	208.101
1.447	209.843	208.396
1.735	210.105	208.370
2.523	210.367	207.844
1.885	210.630	208.745
1.984	210.892	208.908
2.536	211.154	213.690
1.437	211.417	209.980
2.113	211.679	209.566
2.047	211.942	209.895
2.724	212.204	209.480
2.131	212.462	210.331
2.252	212.628	210.376
2.927	212.669	209.742
2.823	212.585	209.762
2.869	212.378	209.509
2.293	212.128	209.835
2.311	211.878	209.567
1.887	211.628	209.741
1.896	211.378	209.482
1.544	211.128	209.584
1.134	210.951	209.817
1.121	211.017	209.896
1.286	211.260	209.974
0.699	211.510	210.811
1.503	211.760	210.257
1.202	212.010	210.808
1.442	212.298	210.856
2.353	212.992	210.639
1.730	214.186	212.456
3.363	215.724	212.361
4.742	217.205	212.463
6.030	218.402	212.372
7.230	219.297	212.067
6.850	219.892	213.042
6.986	220.185	213.199
6.135	220.177	214.042
4.964	219.868	214.904
2.035	219.258	217.223
1.492	218.346	216.854
2.462	217.297	214.835
3.485	216.248	212.763
2.528	215.205	212.677
1.584	214.336	212.752
0.202	213.717	213.515
0.164	213.348	213.184
0.626	213.228	212.602
1.031	213.358	212.327
1.784	213.594	211.810
2.440	213.831	216.271
0.672	214.067	214.739
0.234	214.303	214.537
1.156	214.540	215.696
0.142	214.776	214.918


MÚK Rychvald
km 6,780
MÚK Orlová centrum
km 9,220
Most přes vodoteč Stružka
km 8,430
Nadjezd MK
km 8,510
Nadjezd III/4747
km 9,050
R=20000 m
t=4.678 m
y=-0.001 m
R=20000 m
t=24.985 m
y=0.016 m
R=30000 m
t=176.764 m
y=-0.521 m
R=10000 m
t=187.081 m
y=1.750 m
0.47%
dl.=1167.034 m
0.43%
dl.=1352.086 m
0.68%
dl.=550.615 m
-0.50%
dl.=665.072 m
7.284 632
8.611 733
8.636 718
8.661 703
9.010 569
9.187 333
9.213 254
9.364 097
9.665 325
9.715 606
9.852 406
0.442 0.785 0.780 1.372 1.123 1.165 0.886 0.773 1.437 1.216 1.133 1.445 1.648 2.306 0.363 0.953 1.504 1.027 2.096 2.288 2.003 2.246 2.295 3.002 2.347 2.331 2.466 2.545 2.233 2.674 2.419 2.086 2.202 1.929 2.041 1.623 4.423 2.717 1.352 1.306 0.837 0.461 1.144 2.054 2.614 2.915 3.128 3.092 2.598 2.836 3.095 1.291 0.040 0.019 0.314 0.330 0.566 1.279 2.434 2.472 1.568 0.664 0.902 4.445 1.548 1.833 1.614
215.012 215.248 215.485 215.721 215.957 216.193 216.430 216.666 216.902 217.139 217.375 217.611 217.847 218.084 218.313 218.526 218.738 218.951 219.164 219.377 219.590 219.803 220.016 220.229 220.442 220.654 220.867 221.080 221.293 221.506 221.719 221.932 222.145 222.357 222.570 222.783 222.996 223.209 223.422 223.635 223.848 224.097 224.432 224.769 225.107 225.445 225.783 226.121 226.458 226.770 227.001 227.148 227.212 227.192 227.089 226.903 226.655 226.403 226.152 225.901 225.649 225.398 225.206 225.253 225.550 226.097 226.894
214.570 214.463 214.705 214.349 214.834 215.028 215.544 215.893 215.465 215.923 216.242 216.166 216.199 215.778 218.676 217.573 217.234 217.924 217.068 217.089 217.587 217.557 217.721 217.227 218.095 218.323 218.401 218.535 219.060 218.832 219.300 219.846 219.943 220.428 220.529 221.160 218.573 220.492 222.070 222.329 223.011 223.636 225.576 226.823 227.721 228.360 228.911 229.213 229.056 229.606 230.096 228.439 227.172 227.173 226.775 226.573 226.089 225.124 223.718 223.429 224.081 224.734 226.108 229.698 224.002 224.264 225.280
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
L=813,617 m
A=387,298
Lp=150,000 m
R=1000,000 m
Lc=170,452 m
A=387,298
Lp=150,000 m
L=435,582 m
A=387,298
Lp=150,000 m
R=1000,000 m
Lc=580,532 m
A=387,298
Lp=150,000 m
R=1000,000 m
L=858,915 m
TP 7.332 035
PK 7.482 035
KP 7.652 488
PT 7.802 488
TP 8.238 070
PK 8.388 070
KP 8.968 602
PT 9.118 602



Most přes silnici III/47214, žel. vlečku, vodoteč, 2 účelové komunikace km 10,380
MÚK Orlová km 10,850
Nadjezd přeložky III/47210 km 12,970
R=8300 m
t=156.285 m
y=-1.471 m
R=8300 m
t=40.340 m
y=-0.098 m
R=5000 m
t=57.458 m
y=0.330 m
R=5000 m
t=155.510 m
y=2.418 m
R=5500 m
t=212.134 m
y=-4.091 m
R=3000 m
t=70.635 m
y=0.832 m
R=5500 m
t=155.590 m
y=-2.201 m
3.24%
dl.=445.757 m
-0.53%
dl.=341.515 m
-1.50%
dl.=244.780 m
0.80%
dl.=804.618 m
7.00%
dl.=532.958 m
-0.70%
dl.=331.423 m
4.00%
dl.=247.686 m
-1.65%
dl.=739.475 m
10.039 487
10.141 877
10.298 163
10.454 448
10.599 337
10.639 677
10.680 017
10.826 999
10.884 457
10.941 915
11.533 565
11.689 075
11.844 586
12.009 899
12.222 033
12.434 167
12.482 821
12.553 456
12.624 091
12.645 553
12.801 142
12.956 732
10.410 698
10.901 957
12.395 976
12.503 653
12.866 355
1.938
1.313
3.847
4.535
7.952
8.842
10.442
10.388
9.633
12.462
13.643
12.307
10.216
9.803
8.115
6.870
9.777
8.469
5.587
2.210
0.786
0.439
2.145
2.927
2.790
1.581
0.111
1.176
1.381
1.054
0.895
0.754
0.774
1.142
1.650
1.462
0.892
0.343
1.267
1.657
1.420
0.991
0.681
0.787
0.760
0.669
0.836
1.339
1.745
1.879
0.984
0.359
0.031
0.089
0.059
0.697
0.875
0.424
0.652
0.029
0.067
0.043
0.351
0.777
0.104
0.360
0.599
0.861
227.941
229.238
230.780
232.399
234.015
235.434
236.553
237.371
237.887
238.102
238.016
237.753
237.490
237.226
236.808
236.113
235.363
234.614
233.917
233.647
233.871
234.271
234.670
235.070
235.470
235.869
236.269
236.668
237.068
237.467
237.867
238.267
238.693
239.507
240.821
242.635
244.949
247.763
251.074
254.584
258.094
261.603
264.967
267.885
270.348
272.357
273.911
275.011
275.656
275.847
275.606
275.308
275.664
276.853
278.762
280.501
281.786
282.617
282.993
282.914
282.381
281.564
280.742
279.920
279.099
278.277
277.456
276.634
229.879
230.551
226.933
227.864
226.063
226.592
226.111
226.983
228.254
225.640
224.373
225.446
227.274
227.423
228.693
229.243
225.586
226.145
228.330
231.437
233.085
234.710
236.815
237.997
238.260
237.450
236.380
235.492
235.687
236.413
236.972
237.513
237.919
238.365
239.171
241.173
244.057
248.106
252.341
256.241
259.514
262.594
265.648
268.672
271.108
273.026
274.747
276.350
277.401
277.726
276.590
275.667
275.633
276.764
278.703
281.198
280.911
282.193
282.341
282.885
282.314
281.521
280.391
279.143
278.995
278.637
278.055
277.495
10.000
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
A=296.648
Lp=110.000
R=800.000 m
Lc=45.175 m
A=296.648
Lp=110.000 m
A=287.228
Lp=110.000 m
R=750.000 m
Lc=186.160 m
A=287.228
Lp=110.000 m
L=446.574 m
R=600.000 m
Lc=184.484 m
L=22.087 m
R=560.000 m
Lc=286.515 m
L=142.634 m
R=600.000 m
Lc=343.425 m
L=578.624 m
A=387.298
Lp=150.000 m
R=-1000.000 m
Lc=683.527 m
TP 10.053 925
PK 10.163 925
KP 10.209 100
PP 10.319 100
PK 10.433 842
KP 10.620 002
PT 10.730 002
TK 11.176 576
KT 11.361 060
TK 11.383 147
KT 11.669 661
TK 11.812 295
KT 12.155 720
TP 12.734 345
PK 12.884 345


Havířov (I/11)
R=7000 m
t=82.600 m
y=0.487 m
R=8300 m
t=97.491 m
y=-0.573 m
R=12000 m
t=256.407 m
y=2.739 m
R=6000 m
t=64.277 m
y=-0.344 m
MÚK Havířov sever II
km 13,910
Most přes přes OK (MÚK HS II)
km 13,915
Most přes kolejiště žel. vlečky, účelové komunikace
km 14,400
0.72%
dl.=449.201 m
-1.63%
dl.=495.898 m
2.64%
dl.=661.669 m
0.50%
dl.=152.419 m
13.458 017
13.540 617
13.623 217
13.892 328
13.989 818
14.087 309
14.229 310
14.485 717
14.742 124
15.083 109
15.147 386
15.211 662
15.299 805
13.573 042
13.951 82
14.425 197
0.146
0.285
0.977
1.627
10.405
3.848
2.015
1.011
4.420
2.939
0.219
3.838
3.494
3.932
3.432
0.634
0.708
0.341
1.717
2.043
2.753
3.792
3.671
3.571
3.407
2.657
4.789
0.506
7.862
9.124
11.060
14.966
13.941
17.745
17.074
14.893
10.757
11.068
10.798
275.812
274.991
274.169
273.473
273.130
273.144
273.464
273.823
274.181
274.539
274.898
275.253
275.414
275.275
274.834
274.101
273.285
272.469
271.671
271.045
270.627
270.418
270.417
270.625
271.041
271.665
272.497
273.538
274.785
276.105
277.426
278.746
280.067
281.387
282.708
284.005
284.976
285.531
285.792
275.958
275.276
273.192
271.846
283.535
276.992
275.479
272.812
269.761
271.600
274.679
271.415
271.920
271.343
271.402
274.735
273.993
272.128
269.954
269.002
267.874
266.626
266.746
267.054
267.634
274.322
277.286
274.044
266.923
266.981
266.366
263.780
266.126
263.642
265.634
269.112
274.219
274.463
274.994
13.500
13.750
14.000
14.250
14.500
14.750
15.000
15.250
A=387.298
Lp=150.000 m
L=66.799 m
A=547.723
Lp=200.000 m
R=1500.000 m
Lc=511.110 m
A=547.723
Lp=200.000 m
L=66.376 m
A=424.264
Lp=150.000 m
R=-1200.000 m
Lc=167.167 m
A=424.264
Lp=150.000 m
L=66.854 m
KP 13.567 871
PT 13.717 871
TP 13.784 670
PK 13.984 670
KP 14.495 779
PT 14.695 779
TP 14.762 156
PK 14.912 156
KP 15.079 323
PT 15.229 323
KU 15.296 177

VÝŠKOVÝ SYSTÉM Bpv SOUŘADNICOVÝ SYSTÉM S-JTSK

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

Moravskoslezský kraj
28. října 2771/117
702 00 Ostrava

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

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

205 – KONCEPCE DOPRAVY

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

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

Číslo smlouvy: 24-066.205
Projektový stupeň: ÚS
Datum: 01/2025
Číslo části: B

B Výkresová část

Měřítko: 1:10 000/1 000
Počet formátů: 9 x A4
Číslo přílohy: **B.3.3**

Podélný profil
Varianta 3 – trasa přes Orlovou

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.