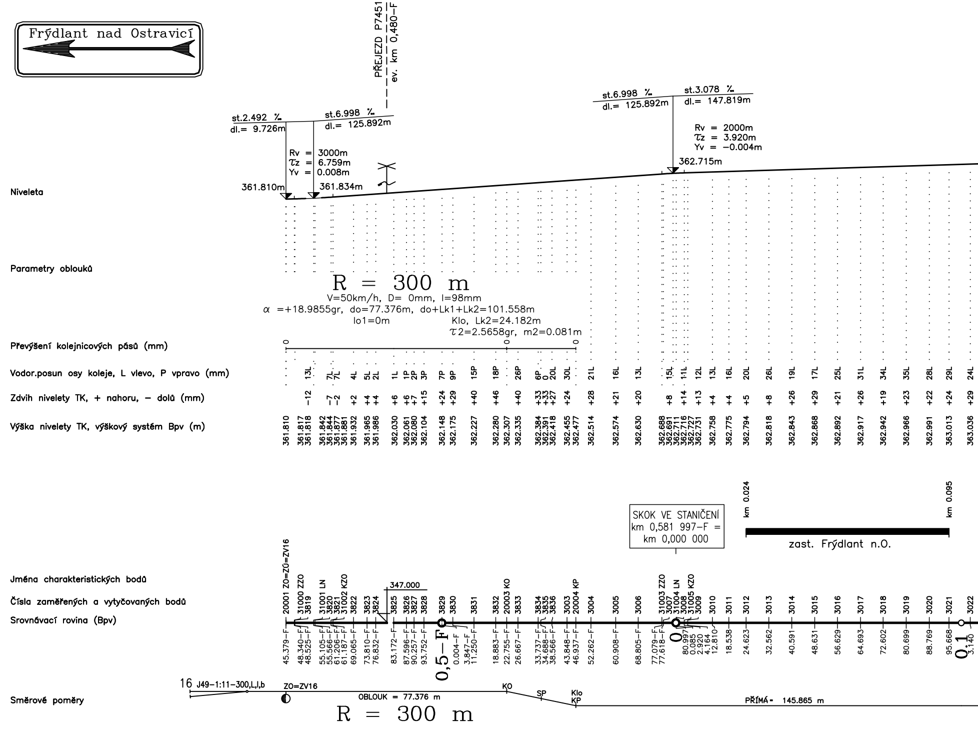
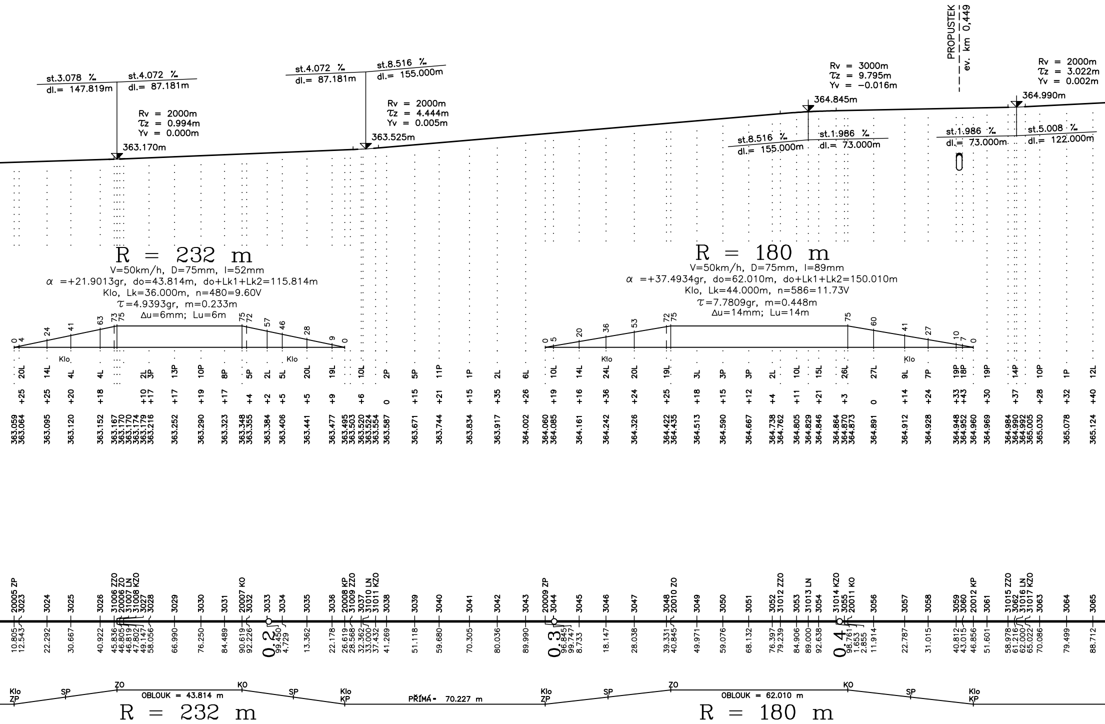
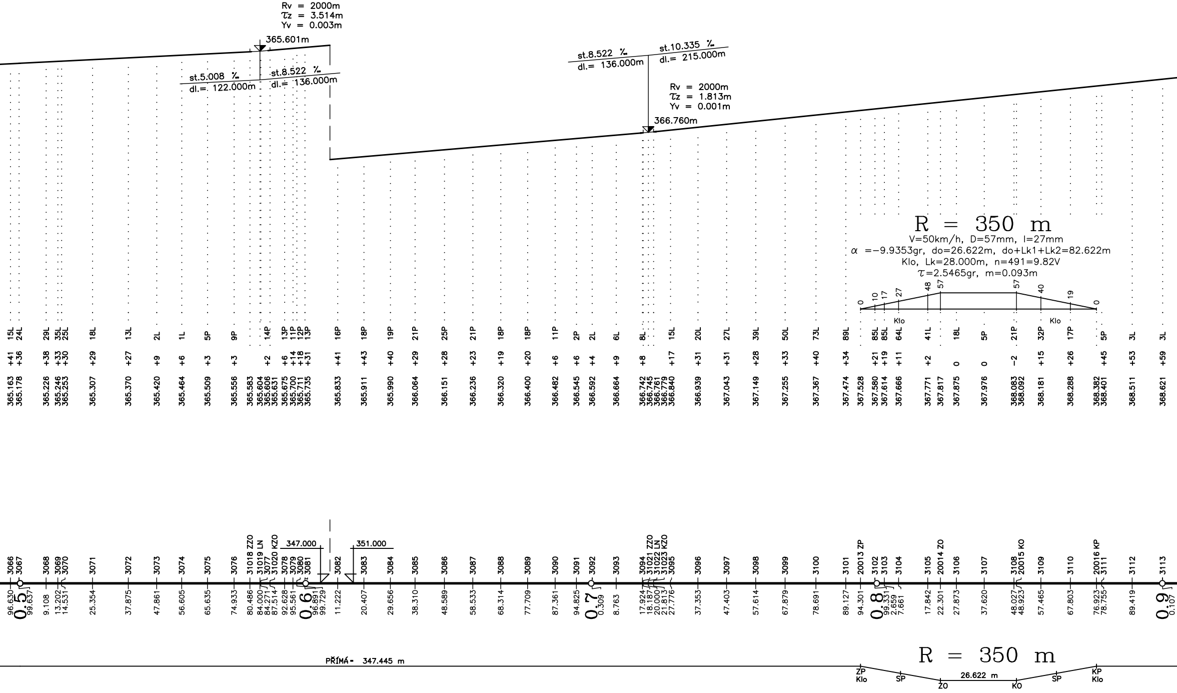
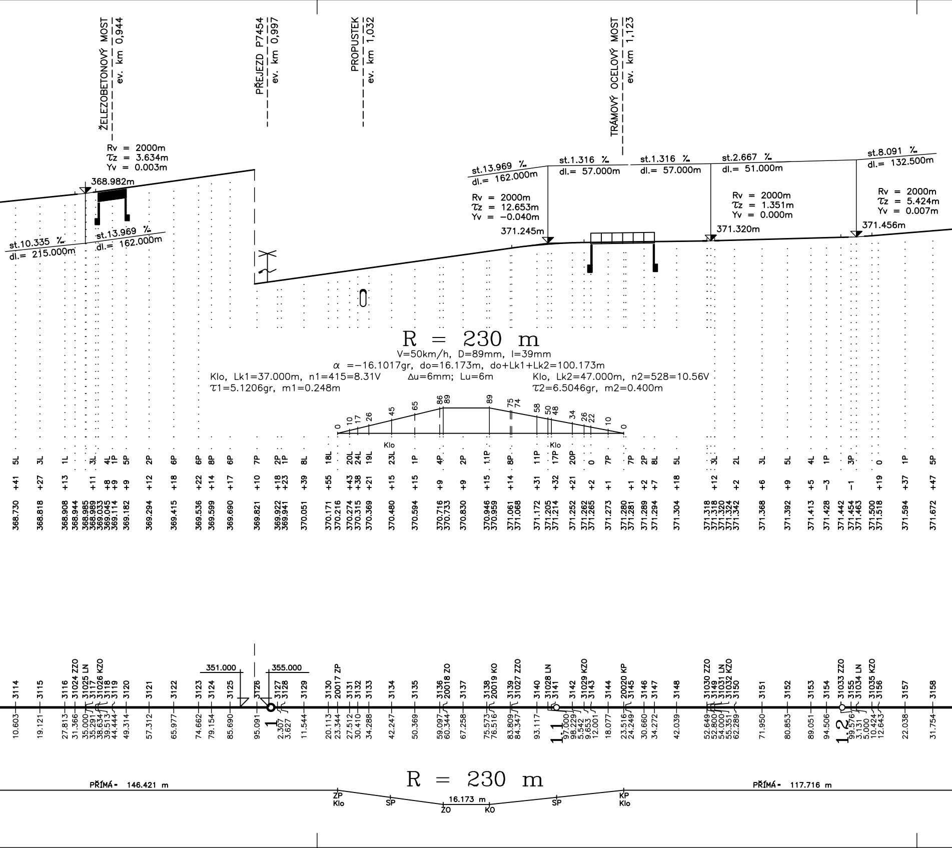
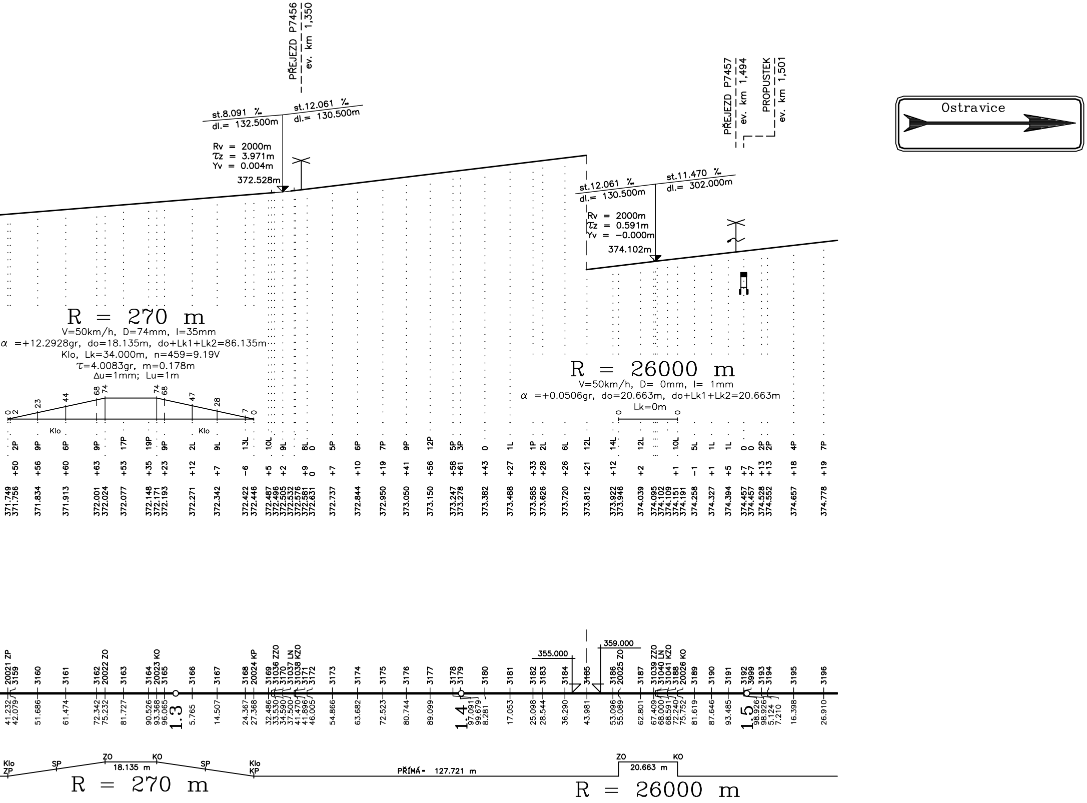


Frýdlant nad Ostravicí
PŘEJEZD P7451
ev. km 0,480-F
st.2.492 ‰
dl.= 9.726m
st.6.998 ‰
dl.= 125.892m
Rv = 3000m
τz = 6.759m
Yv = 0.008m
361.810m
361.834m
st.6.998 ‰
dl.= 125.892m
st.3.078 ‰
dl.= 147.819m
Rv = 2000m
τz = 3.920m
Yv = -0.004m
362.715m
Niveleta
Parametry oblouků
R = 300 m
V=50km/h, D= 0mm, I=98mm
α =+18.9855gr, do=77.376m, do+Lk1+Lk2=101.558m
lo1=0m
Klo, Lk2=24.182m
τ2=2.5658gr, m2=0.081m
Převýšení kolejnicových pásů (mm)
0
0
0
Vodor.posun osy koleje, L vlevo, P vpravo (mm)
13L 7L 7L 4L 5L 2L 1L 1P 2P 3P 7P 9P 15P 18P 26P 6P 0 20L 30L 21L 16L 13L 15L 11L 12L 13L 16L 20L 26L 19L 17L 25L 31L 34L 35L 28L 29L 24L
Zdvih nivelety TK, + nahoru, - dolů (mm)
-12 -7 -2 +2 +4 +4 +6 +6 +7 +15 +24 +29 +40 +46 +40 +33 +33 +27 +24 +28 +21 +20 +8 +14 +13 +4 +4 +5 +8 +26 +29 +21 +26 +19 +23 +22 +24 +29
Výška nivelety TK, výškový systém Bpv (m)
361.810 361.817 361.818 361.842 361.844 361.877 361.881 361.932 361.965 361.986 362.030 362.061 362.080 362.104 362.148 362.175 362.227 362.280 362.307 362.335 362.384 362.391 362.418 362.455 362.477 362.514 362.574 362.630 362.688 362.691 362.711 362.716 362.727 362.731 362.758 362.775 362.794 362.818 362.843 362.868 362.892 362.917 362.942 362.966 362.991 363.013 363.036
km 0.024
km 0.095
SKOK VE STANIČENÍ
km 0,581 997-F =
km 0,000 000
zast. Frýdlant n.O.
Jména charakteristických bodů
Čísla zaměřených a vytyčovaných bodů
Srovnávací rovina (Bpv)
347.000
20001 ZO=ZÚ=ZV16
31000 ZZO
3819
31001 LN
3820
3821
31002 KZO
3822
3823
3824
3825
3826
3827
3828
3829
3830
3831
3832
20003 KO
3833
3834
3835
3836
3003
20004 KP
3004
3005
3006
31003 ZZO
3007
31004 LN
3008
31005 KZO
3009
3010
3011
3012
3013
3014
3015
3016
3017
3018
3019
3020
3021
3022
45.379-F
48.340-F
48.525-F
55.105-F
55.566-F
61.206-F
61.187-F
69.065-F
73.810-F
76.832-F
83.172-F
87.596-F
90.257-F
93.752-F
0,5-F
0.004-F
3.847-F
11.250-F
18.883-F
22.755-F
26.667-F
33.737-F
34.688-F
38.566-F
43.848-F
46.937-F
52.262-F
60.908-F
68.805-F
77.079-F
77.618-F
0
80.997
0.085
2.920
4.164
12.810
18.538
24.623
32.562
40.591
48.631
56.629
64.693
72.602
80.699
88.769
95.668
0,1
3.140
16 J49-1:11-300,L,I,b
ZO=ZV16
OBLOUK = 77.376 m
KO
SP
Klo
KP
PŘÍMÁ - 145.865 m
R = 300 m
Směrové poměry


st.3.078 ‰
dl.= 147.819m
st.4.072 ‰
dl.= 87.181m
Rv = 2000m
τz = 0.994m
Yv = 0.000m
363.170m
st.4.072 ‰
dl.= 87.181m
st.8.516 ‰
dl.= 155.000m
Rv = 2000m
τz = 4.444m
Yv = 0.005m
363.525m
Rv = 3000m
τz = 9.795m
Yv = −0.016m
364.845m
st.8.516 ‰
dl.= 155.000m
st.1.986 ‰
dl.= 73.000m
PROPUSTEK
ev. km 0,449
st.1.986 ‰
dl.= 73.000m
Rv = 2000m
τz = 3.022m
Yv = 0.002m
364.990m
st.5.008 ‰
dl.= 122.000m
R = 232 m
V=50km/h, D=75mm, I=52mm
α =+21.9013gr, do=43.814m, do+Lk1+Lk2=115.814m
Klo, Lk=36.000m, n=480=9.60V
τ=4.9393gr, m=0.233m
Δu=6mm; Lu=6m
R = 180 m
V=50km/h, D=75mm, I=89mm
α =+37.4934gr, do=62.010m, do+Lk1+Lk2=150.010m
Klo, Lk=44.000m, n=586=11.73V
τ=7.7809gr, m=0.448m
Δu=14mm; Lu=14m
Klo
Klo
Klo
Klo
Klo
ZP
SP
ZO
OBLOUK = 43.814 m
KO
SP
Klo
KP
PŘÍMÁ = 70.227 m
Klo
ZP
SP
ZO
OBLOUK = 62.010 m
KO
SP
Klo
KP
R = 232 m
R = 180 m
0.2
0.3
0.4
20005 ZP
3023
3024
3025
3026
31006 ZZO
20006 ZO
31007 LN
31008 KZO
3027
3028
3029
3030
3031
20007 KO
3032
3033
3034
3035
3036
20008 KP
31009 ZZO
3037
31010 LN
31011 KZO
3038
3039
3040
3041
3042
3043
20009 ZP
3044
3045
3046
3047
3048
20010 ZO
3049
3050
3051
3052
31012 ZZO
3053
31013 LN
3054
31014 KZO
3055
20011 KO
3056
3057
3058
3059
3060
20012 KP
3061
31015 ZZO
3062
31016 LN
31017 KZO
3063
3064
3065


Rv = 2000m
τz = 3.514m
Yv = 0.003m
365.601m
st.5.008 ‰
dl.= 122.000m
st.8.522 ‰
dl.= 136.000m
st.8.522 ‰
dl.= 136.000m
st.10.335 ‰
dl.= 215.000m
Rv = 2000m
τz = 1.813m
Yv = 0.001m
366.760m
R = 350 m
V=50km/h, D=57mm, I=27mm
α =−9.9353gr, do=26.622m, do+Lk1+Lk2=82.622m
Klo, Lk=28.000m, n=491=9.82V
τ=2.5465gr, m=0.093m
0 10 17 27 48 57 57 40 19 0
Klo
Klo
15L 24L 29L 35L 25L 18L 13L 2L 1L 5P 9P 14P 13P 11P 12P 13P 16P 18P 19P 21P 25P 21P 18P 18P 11P 2P 2L 6L 8L 15L 20L 27L 39L 50L 73L 89L 85L 85L 64L 41L 18L 5P 21P 32P 17P 5P 3L 3L
+41 +36 +38 +33 +30 +29 +27 +9 +6 +3 +3 +2 +6 +14 +18 +31 +41 +43 +40 +29 +28 +23 +19 +20 +6 +6 +4 +9 +8 +17 +31 +31 +28 +33 +40 +34 +21 +19 +11 +2 0 0 −2 +15 +26 +45 +53 +59
365.163 365.178 365.226 365.246 365.253 365.307 365.370 365.420 365.464 365.509 365.556 365.583 365.604 365.606 365.631 365.675 365.700 365.711 365.735 365.833 365.911 365.990 366.064 366.151 366.236 366.320 366.400 366.482 366.545 366.592 366.664 366.742 366.745 366.761 366.779 366.840 366.939 367.043 367.149 367.255 367.367 367.474 367.528 367.580 367.614 367.666 367.771 367.817 367.875 367.976 368.083 368.092 368.181 368.288 368.382 368.401 368.511 368.621
347.000
351.000
3066 3067 3068 3069 3070 3071 3072 3073 3074 3075 3076 31018 ZZO 31019 LN 3077 31020 KZO 3078 3079 3080 3081 3082 3083 3084 3085 3086 3087 3088 3089 3090 3091 3092 3093 3094 31021 ZZO 31022 LN 31023 KZO 3095 3096 3097 3098 3099 3100 3101 20013 ZP 3102 3103 3104 3105 20014 ZO 3106 3107 3108 20015 KO 3109 3110 20016 KP 3111 3112 3113
96.630 0.5 99.637 9.108 13.202 14.531 25.354 37.875 47.861 56.605 65.635 74.933 80.486 84.000 84.271 87.514 92.628 95.561 0.6 96.891 99.729 11.222 20.407 29.656 38.310 48.589 58.533 68.314 77.709 87.361 94.825 0.7 0.309 8.763 17.924 18.187 20.000 21.813 27.776 37.353 47.403 57.614 67.879 78.691 89.127 94.301 0.8 99.331 2.659 7.661 17.842 22.301 27.873 37.620 48.027 48.923 57.465 67.803 76.923 78.755 89.419 0.9 0.107
PŘÍMÁ - 347.445 m
R = 350 m
ZP Klo
SP
ZO
26.622 m
KO
SP
KP Klo


ŽELEZOBETONOVÝ MOST
ev. km 0,944
PŘEJEZD P7454
ev. km 0,997
PROPUSTEK
ev. km 1,032
TRÁMOVÝ OCELOVÝ MOST
ev. km 1,123
Rv = 2000m
τz = 3.634m
Yv = 0.003m
368.982m
st.10.335 ‰
dl.= 215.000m
st.13.969 ‰
dl.= 162.000m
st.13.969 ‰
dl.= 162.000m
Rv = 2000m
τz = 12.653m
Yv = −0.040m
371.245m
st.1.316 ‰
dl.= 57.000m
st.1.316 ‰
dl.= 57.000m
st.2.667 ‰
dl.= 51.000m
Rv = 2000m
τz = 1.351m
Yv = 0.000m
371.320m
st.8.091 ‰
dl.= 132.500m
Rv = 2000m
τz = 5.424m
Yv = 0.007m
371.456m
R = 230 m
V=50km/h, D=89mm, I=39mm
α =−16.1017gr, do=16.173m, do+Lk1+Lk2=100.173m
Klo, Lk1=37.000m, n1=415=8.31V
Δu=6mm; Lu=6m
Klo, Lk2=47.000m, n2=528=10.56V
τ1=5.1206gr, m1=0.248m
τ2=6.5046gr, m2=0.400m
0 10 17 26 45 65 86 89 89 75 74 58 50 48 34 26 22 10 0
Klo
Klo
5L 3L 1L 3L 4L 1P 5P 2P 6P 6P 8P 6P 7P 2P 1P 8L 18L 20L 24L 19L 23L 1P 4P 2P 11P 8P 11P 17P 20P 0 7P 7P 2P 8L 5L 3L 2L 3L 5L 4L 1P 3P 0 1P 5P
+41 +27 +13 +11 +8 +9 +9 +12 +18 +22 +14 +17 +10 +18 +23 +39 +55 +43 +38 +21 +15 +15 +9 +9 +15 +14 +31 +32 +21 +2 +1 +1 +2 +7 +18 +12 +2 +6 +9 +5 −3 −1 +19 +37 +47
368.730 368.818 368.908 368.944 368.985 368.989 369.033 369.045 369.114 369.182 369.294 369.415 369.536 369.599 369.690 369.821 369.922 369.941 370.051 370.171 370.216 370.274 370.315 370.369 370.480 370.594 370.716 370.733 370.830 370.946 370.959 371.061 371.068 371.172 371.205 371.214 371.252 371.262 371.265 371.273 371.280 371.281 371.289 371.294 371.304 371.318 371.318 371.320 371.324 371.342 371.368 371.392 371.413 371.428 371.442 371.454 371.463 371.500 371.518 371.594 371.672
351.000
355.000
3114 3115 3116 31024 ZZO 31025 LN 3117 31026 KZO 3118 3119 3120 3121 3122 3123 3124 3125 3126
10.603 19.121 27.813 31.366 35.000 35.291 38.634 39.513 44.444 49.314 57.312 65.977 74.662 79.154 85.690 95.091
1
3127 3128 3129 3130 20017 ZP 3131 3132 3133 3134 3135 3136 20018 ZO 3137 3138 20019 KO 3139 31027 ZZO 3140
2.307 3.627 11.544 20.113 23.344 27.512 30.410 34.288 42.247 50.369 59.097 60.344 67.258 75.573 76.516 83.809 84.347 93.117
1.1
31028 LN 3141 3142 31029 KZO 3143 3144 20020 KP 3145 3146 3147 3148 31030 ZZO 3149 31031 LN 31032 KZO 3150 3151 3152 3153 3154
97.000 98.229 5.542 9.653 12.001 18.077 23.516 24.249 30.660 34.272 42.039 52.649 52.800 54.000 55.351 62.289 71.950 80.853 89.051 94.506
1.2
31033 ZZO 3155 31034 LN 31035 KZO 3156 3157 3158
99.576 3.131 5.000 10.424 12.643 22.038 31.754
PŘÍMÁ - 146.421 m
R = 230 m
PŘÍMÁ - 117.716 m
ZP
Klo
SP
16.173 m
ZO
KO
SP
KP
Klo


PŘEJEZD P7456
ev. km 1,350
st.8.091 ‰
dl.= 132.500m
st.12.061 ‰
dl.= 130.500m
Rv = 2000m
τz = 3.971m
Yv = 0.004m
372.528m
PŘEJEZD P7457
ev. km 1,494
PROPUSTEK
ev. km 1,501
Ostravice
st.12.061 ‰
dl.= 130.500m
st.11.470 ‰
dl.= 302.000m
Rv = 2000m
τz = 0.591m
Yv = −0.000m
374.102m
R = 270 m
V=50km/h, D=74mm, I=35mm
α =+12.2928gr, do=18.135m, do+Lk1+Lk2=86.135m
Klo, Lk=34.000m, n=459=9.19V
τ=4.0083gr, m=0.178m
Δu=1mm; Lu=1m
R = 26000 m
V=50km/h, D= 0mm, I= 1mm
α =+0.0506gr, do=20.663m, do+Lk1+Lk2=20.663m
Lk=0m
Klo
Klo
355.000
359.000
1.3
1.4
1.5
Klo ZP
SP
ZO
KO
SP
Klo KP
18.135 m
R = 270 m
PŘÍMÁ - 127.721 m
ZO
KO
20.663 m
R = 26000 m

SYSTÉM ŘÍZENÍ KVALITY
ISO
9001:
2008
SŽG
OLOMOUC

SOUŘADNICOVÝ SYSTÉM: S-JTSK
VÝŠKOVÝ SYSTÉM: BALT PO VYROVNÁNÍ

	JMÉNO	PODPIS
ZODP. PROJEKTANT	Ing. Tomáš Vachutka	Vachutka
PROJEKTANT	Ing. Lucie Fabiánová	Fabiánová
GEODET	Ing. Karel Parchanský	
KRESLIL	Ing. Lucie Fabiánová	Fabiánová
KONTROLOVAL	Ing. Tomáš Vachutka	Vachutka

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Správa železniční dopravní cesty
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OLOMOUC

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GEOMETRICKÉ PARAMETRY KOLEJE

TÚ 2161
FRÝDLANT N.O. - OSTRAVICE

PODÉLNÝ PROFIL, 1. ČÁST
km 0,445-F - 1,500

ŘEDITEL	Ing. Václav Klvaňa
DATUM	duben 2015
SCHVÁLIL	
MĚŘÍTKO	1:1000/100
ORGANIZACE	SŽDC, s.o.
ČÍSLO JEDNACÍ	
EVID. ČÍSLO	G720Z7100007
ČÍSLO ISŽGK	

INVESTOR	Správa železniční dopravní cesty, s. o., Dlážděná 1003/7, Praha 1 - Nové Město
STAVBA	

ČÍSLO PŘÍLOHY	3.1