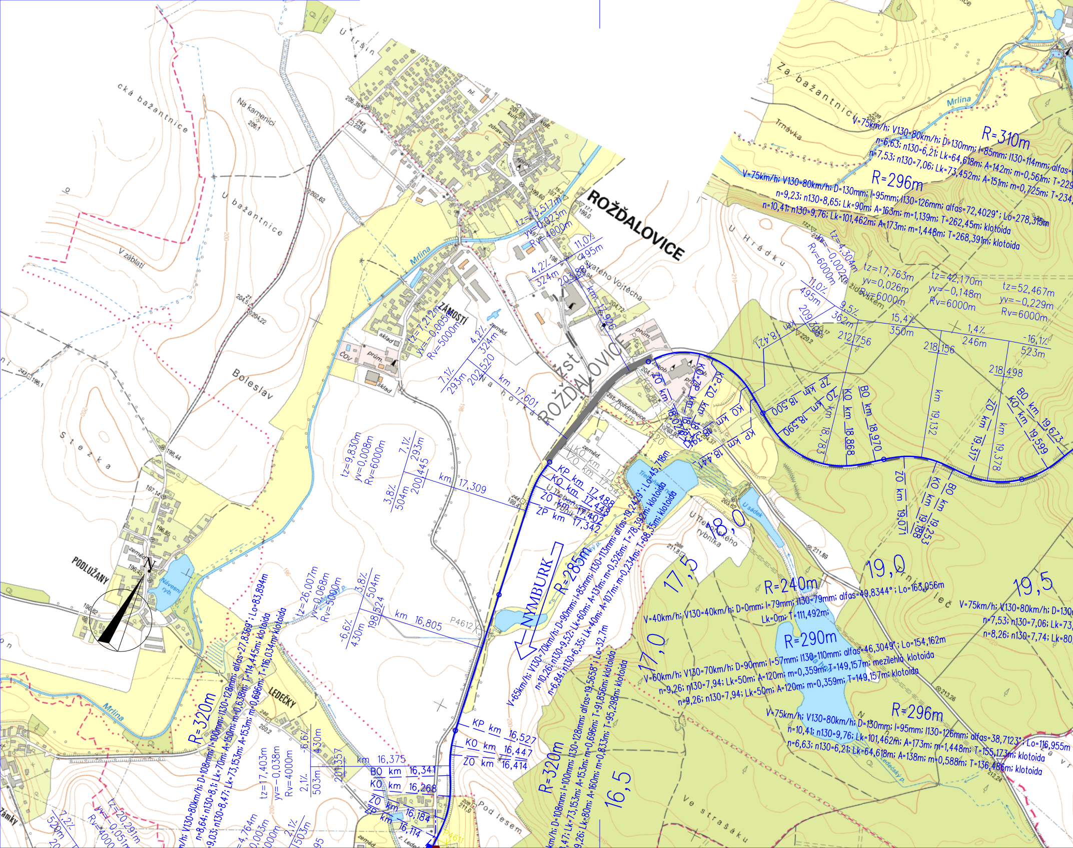
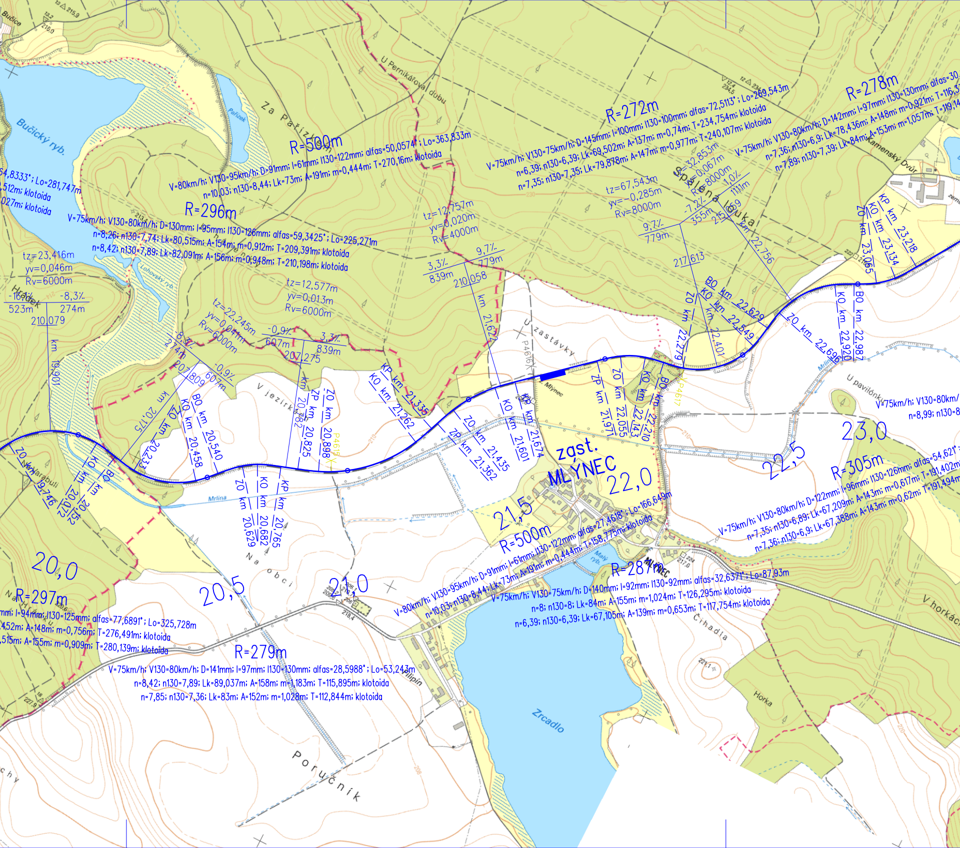
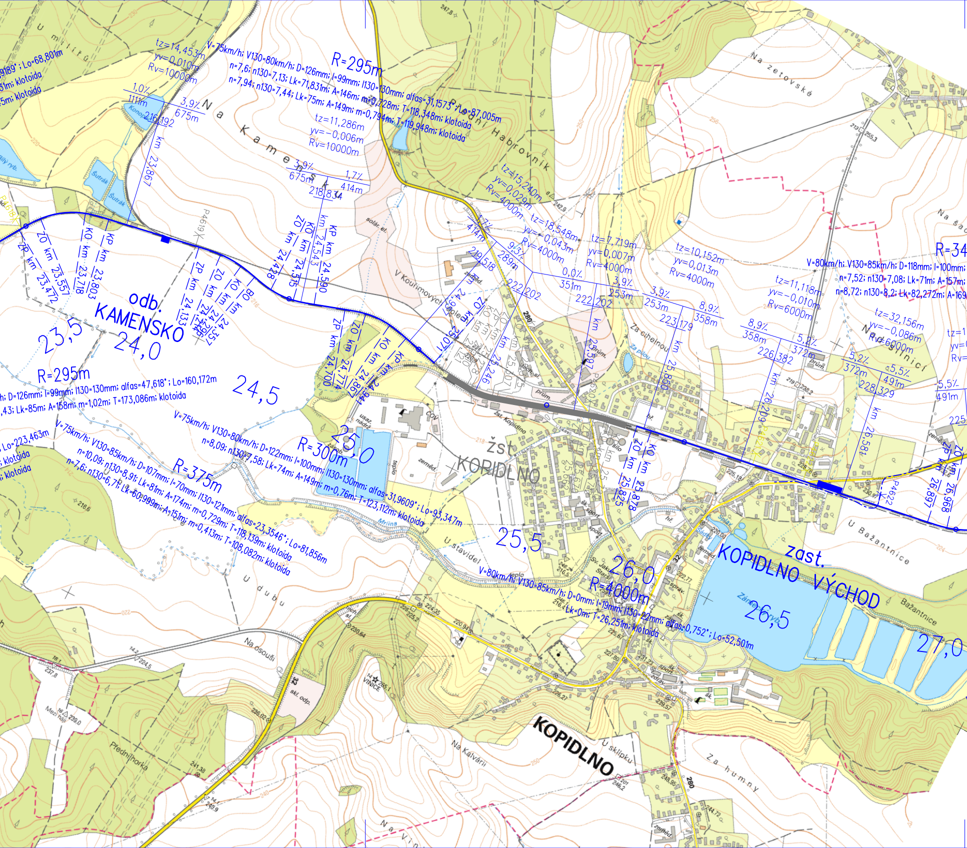
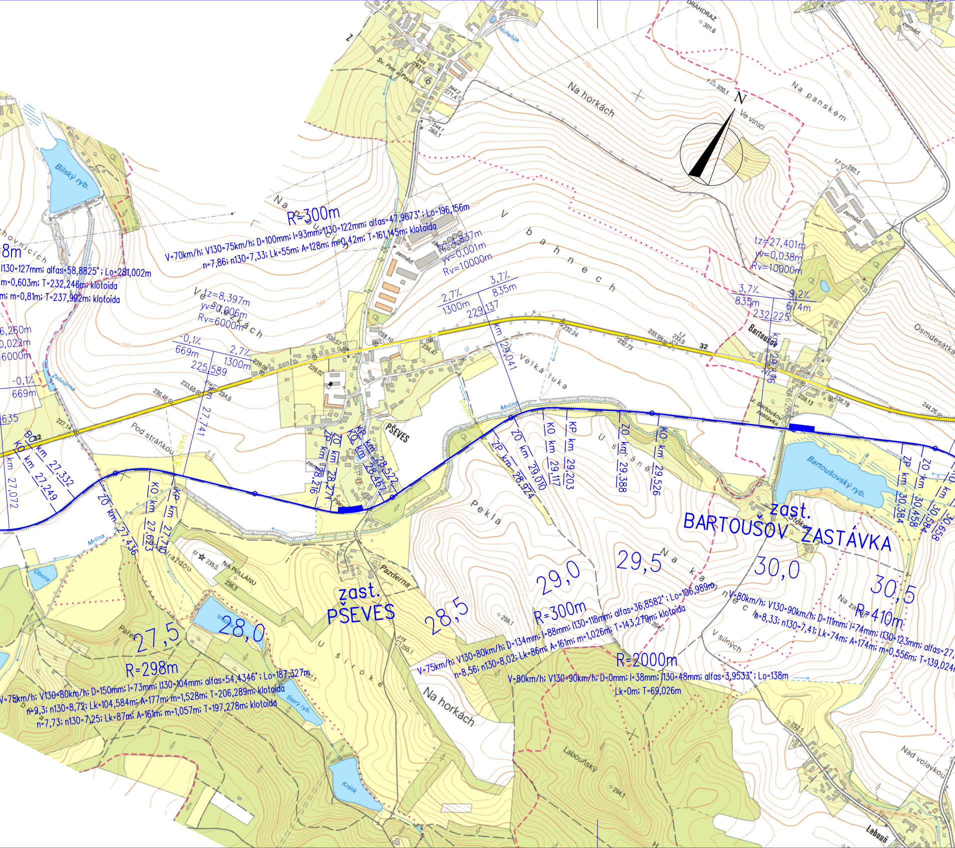
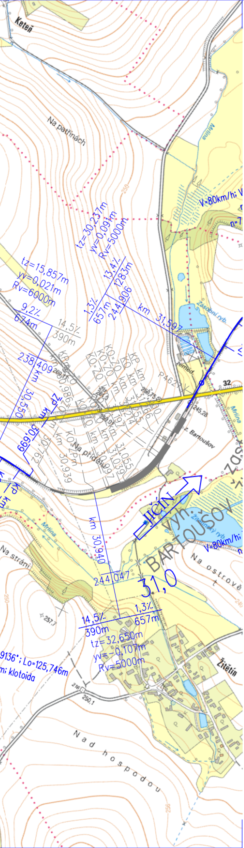

ROŽĎALOVICE
zast. ROŽĎALOVICE
NYMBURK
PODLUŽANY
LEDEČKY
ZÁMOSTÍ
Mrlina
U tršin
Na kamenici
U bažantnice
V zábIatí
Boleslav
Stezka
Na horkách
U Hrádku
Za bažantnicí
Trnávka
Svatého Vojtěcha
Žid. hřbitov
U sádek
U Třebovského rybníka
Pod lesem
Ve strašáku
Návesní ryb.
Třebovský
ČOV
sklad
prům.
zeměd.
16,5
17,0
17,5
18,0
19,0
19,5
R=320m
R=285m
R=240m
R=290m
R=296m
R=310m
V=75km/h; V130=80km/h; D=130mm; I=85mm; I130=114mm; alfas=
n=6,63; n130=6,21; Lk=64,618m; A=142m; m=0,561m; T=229
n=7,53; n130=7,06; Lk=73,452m; A=151m; m=0,725m; T=234
V=75km/h; V130=80km/h; D=130mm; I=95mm; I130=126mm; alfas=72,4029°; Lo=278,315m
n=9,23; n130=8,65; Lk=90m; A=163m; m=1,139m; T=262,45m; klotoida
n=10,41; n130=9,76; Lk=101,462m; A=173m; m=1,448m; T=268,391m; klotoida
V=40km/h; V130=40km/h; D=0mm; I=79mm; I130=79mm; alfas=49,8344°; Lo=163,056m
Lk=0m; T=111,492m;
V=60km/h; V130=70km/h; D=90mm; I=57mm; I130=110mm; alfas=46,3049°; Lo=154,162m
n=9,26; n130=7,94; Lk=50m; A=120m; m=0,359m; T=149,157m; mezilehlá klotoida
n=9,26; n130=7,94; Lk=50m; A=120m; m=0,359m; T=149,157m; klotoida
V=75km/h; V130=80km/h; D=130mm; I=95mm; I130=126mm; alfas=38,7123°; Lo=116,955m
n=10,41; n130=9,76; Lk=101,462m; A=173m; m=1,448m; T=155,173m; klotoida
n=6,63; n130=6,21; Lk=64,618m; A=138m; m=0,588m; T=136,486m; klotoida
V=75km/h; V130=80km/h; D=130
n=7,53; n130=7,06; Lk=73
n=8,26; n130=7,74; Lk=80
V=65km/h; V130=70km/h; D=90mm; I=85mm; I130=113mm; alfas=19,2429°; Lo=45,718m
n=10,26; n130=9,52; Lk=60m; A=131m; m=0,526m; T=78,392m; klotoida
n=6,84; n130=6,35; Lk=40m; A=107m; m=0,234m; T=68,35m; klotoida
V=130-80km/h; D=108mm; I=100mm; I130=128mm; alfas=27,8369°; Lo=83,894m
n=8,64; n130=8,1; Lk=70m; A=150m; m=0,638m; T=114,445m; klotoida
n=9,03; n130=8,47; Lk=73,153m; A=153m; m=0,696m; T=116,034m; klotoida
D=108mm; I=100mm; I130=128mm; alfas=19,5658°; Lo=32,7m
Lk=73,153m; A=153m; m=0,696m; T=91,856m; klotoida
Lk=80m; A=160m; m=0,833m; T=95,298m; klotoida
tz=13,517m
yv=0,023m
Rv=4000m
tz=7,212m
yv=-0,005m
Rv=5000m
tz=9,830m
yv=0,008m
Rv=6000m
tz=26,007m
yv=0,068m
Rv=5000m
tz=17,403m
yv=-0,038m
Rv=4000m
tz=20,291m
yv=-0,051m
Rv=4000
tz=4,764m
yv=0,003m
tz=4,304m
yv=-0,002m
Rv=6000m
tz=17,763m
yv=0,026m
Rv=6000m
tz=42,170m
yv=-0,148m
Rv=6000m
tz=52,467m
yv=-0,229m
Rv=6000m
11,0%
495m
4,2%
324m
203,88
9,5%
362m
209,565
212,756
15,4%
350m
1,4%
246m
218,156
-16,1%
523m
218,498
7,1%
293m
202,520
200,445
3,8%
504m
198,524
-6,6%
430m
201,357
2,1%
503m
7,2%
520m
km 16,926
km 17,601
km 17,309
km 16,805
km 16,375
km 18,421
KP km 16,527
KO km 16,447
ZO km 16,414
BO km 16,341
KO km 16,268
ZO km 16,184
ZP km 16,114
KP km 17,488
KO km 17,446
ZO km 17,402
ZP km 17,342
KO km 17,57
ZO km 17,820
ZP km 18,500
ZO km 18,590
KO km 18,783
KO km 18,868
BO km 18,970
km 19,132
ZO km 19,071
KO km 19,188
BO km 19,253
ZO km 19,317
km 19,378
KO km 19,599
BO km 19,673
KP km 18,441
P4612
P4611
N


Bučice
Bučický ryb.
Pařízek
Za Pařízkem
U Pernikářova dubu
Lohovský ryb.
Hrádek
V jezírkách
Na obci
Mrlina
U zastávky
Mlýnec
Spálená louka
Kamenský Dvůr
U pavilónku
Malý ryb.
MLÝNEC
Čihadla
Horka
V horkách
Zrcadlo
Filipín
Poručník
Na Hlásku
Na Varabuli
zast.
MLÝNEC
20,0
20,5
21,0
21,5
22,0
22,5
23,0
R=500m
V=80km/h; V130=95km/h; D=91mm; I=61mm; I130=122mm; alfas=50,0574°; Lo=363,833m
n=10,03; n130=8,44; Lk=73m; A=191m; m=0,444m; T=270,16m; klotoida
64,8333°; Lo=281,747m
,512m; klotoida
,027m; klotoida
R=296m
V=75km/h; V130=80km/h; D=130mm; I=95mm; I130=126mm; alfas=59,3425°; Lo=225,271m
n=8,26; n130=7,74; Lk=80,515m; A=154m; m=0,912m; T=209,391m; klotoida
n=8,42; n130=7,89; Lk=82,091m; A=156m; m=0,948m; T=210,198m; klotoida
R=272m
V=75km/h; V130=75km/h; D=145mm; I=100mm; I130=100mm; alfas=72,5113°; Lo=269,543m
n=6,39; n130=6,39; Lk=69,502m; A=137m; m=0,74m; T=234,754m; klotoida
n=7,35; n130=7,35; Lk=79,878m; A=147m; m=0,977m; T=240,107m; klotoida
R=278m
V=75km/h; V130=80km/h; D=142mm; I=97mm; I130=130mm; alfas=30,
n=7,36; n130=6,9; Lk=78,436m; A=148m; m=0,921m; T=116,3
n=7,89; n130=7,39; Lk=84m; A=153m; m=1,057m; T=119,14
tz=23,416m
yv=0,046m
Rv=6000m
-16,1‰
523m
-8,3‰
274m
210,079
km 19,901
tz=12,757m
yv=0,020m
Rv=4000m
3,3‰
839m
9,7‰
779m
210,058
km 21,622
tz=12,577m
yv=0,013m
Rv=6000m
tz=22,245m
yv=0,041m
Rv=6000m
-8,3‰
274m
207,809
-0,9‰
607m
km 20,175
-0,9‰
607m
3,3‰
839m
207,275
km 20,782
tz=67,543m
yv=−0,285m
Rv=8000m
9,7‰
779m
217,613
tz=32,853m
yv=0,067m
Rv=8000m
-7,2‰
355m
1,0‰
1111m
215,059
km 22,756
ZO km 19,746
KO km 20,072
BO km 20,152
ZO km 20,233
KO km 20,458
BO km 20,540
ZO km 20,629
KO km 20,682
KP km 20,765
ZP km 20,825
ZO km 20,898
P4615
KO km 21,262
KP km 21,335
ZP km 21,362
ZO km 21,435
KO km 21,601
KP km 21,674
P4616
ZP km 21,971
ZO km 22,055
KO km 22,143
BO km 22,210
P4617
ZO km 22,279
KO km 22,401
KO km 22,549
BO km 22,629
ZO km 22,696
KO km 22,920
BO km 22,987
ZO km 23,065
KO km 23,134
KP km 23,218
R=297m
mm; I=94mm; I130=125mm; alfas=77,6891°; Lo=325,728m
,452m; A=148m; m=0,756m; T=276,491m; klotoida
,515m; A=155m; m=0,909m; T=280,139m; klotoida
R=279m
V=75km/h; V130=80km/h; D=141mm; I=97mm; I130=130mm; alfas=28,5988°; Lo=53,243m
n=8,42; n130=7,89; Lk=89,037m; A=158m; m=1,183m; T=115,895m; klotoida
n=7,85; n130=7,36; Lk=83m; A=152m; m=1,028m; T=112,844m; klotoida
R=500m
V=80km/h; V130=95km/h; D=91mm; I=61mm; I130=122mm; alfas=27,4618°; Lo=166,649m
n=10,03; n130=8,44; Lk=73m; A=191m; m=0,444m; T=158,775m; klotoida
R=287m
V=75km/h; V130=75km/h; D=140mm; I=92mm; I130=92mm; alfas=32,6371°; Lo=87,93m
n=8; n130=8; Lk=84m; A=155m; m=1,024m; T=126,295m; klotoida
n=6,39; n130=6,39; Lk=67,105m; A=139m; m=0,653m; T=117,754m; klotoida
R=305m
V=75km/h; V130=80km/h; D=122mm; I=96mm; I130=126mm; alfas=54,621°;
n=7,35; n130=6,89; Lk=67,209m; A=143m; m=0,617m; T=191,402m
n=7,36; n130=6,9; Lk=67,388m; A=143m; m=0,62m; T=191,494m
V=75km/h; V130=80km/
n=8,99; n130=8
215,9
216,0
234,5
234
221,1
224
217,0
218,4
227,9
230
210


R=295m
V=75km/h; V130=80km/h; D=126mm; I=99mm; I130=130mm; alfas=31,1573°; Lo=87,005m
n=7,6; n130=7,13; Lk=71,831m; A=146m; m=0,728m; T=118,348m; klotoida
n=7,94; n130=7,44; Lk=75m; A=149m; m=0,794m; T=119,948m; klotoida
tz=14,453m
yv=0,010m
Rv=10000m
1,0‰
1111m
3,9‰
675m
216,192
km 23,867
tz=11,286m
yv=-0,006m
Rv=10000m
3,9‰
675m
1,7‰
414m
218,834
KP km 24,590
KO km 24,543
ZO km 24,515
km 24,428
ZP km 23,472
ZO km 23,557
KO km 23,718
KP km 23,803
ZP km 24,133
ZO km 24,214
KO km 24,296
BO km 24,357
odb.
KAMENSKO
23,5
24,0
R=295m
D=126mm; I=99mm; I130=130mm; alfas=47,618°; Lo=160,172m
,43; Lk=85m; A=158m; m=1,02m; T=173,086m; klotoida
Lo=223,463m
klotoida
klotoida
24,5
ZP km 24,700
ZO km 24,774
KO km 24,867
KP km 24,941
km 25,071
ZO km 24,967
R=300m
V=75km/h; V130=80km/h; D=122mm; I=100mm; I130=130mm; alfas=31,9609°; Lo=93,347m
n=8,09; n130=7,58; Lk=74m; A=149m; m=0,76m; T=123,112m; klotoida
R=375m
V=75km/h; V130=85km/h; D=107mm; I=70mm; I130=121mm; alfas=23,3546°; Lo=81,856m
n=10,09; n130=8,91; Lk=81m; A=174m; m=0,729m; T=118,139m; klotoida
n=7,6; n130=6,71; Lk=60,999m; A=151m; m=0,413m; T=108,082m; klotoida
25,0
tz=15,240m
yv=0,029m
Rv=4000m
1,7‰
414m
219,518
9,3‰
289m
tz=18,548m
yv=-0,043m
Rv=4000m
0,0‰
351m
222,202
222,202
tz=7,719m
yv=0,007m
Rv=4000m
3,9‰
253m
3,9‰
253m
8,9‰
358m
223,179
tz=10,152m
yv=0,013m
Rv=4000m
km 25,246
km 25,597
km 25,850
žst.
KOPIDLNO
ZO km 25,825
KO km 25,878
tz=11,118m
yv=-0,010m
Rv=6000m
8,9‰
358m
5,2‰
372m
226,382
km 26,209
tz=32,156m
yv=-0,086m
Rv=6000m
5,2‰
372m
-5,5‰
491m
228,329
km 26,581
-5,5‰
491m
225
R=34
V=80km/h; V130=85km/h; D=118mm; I=100mm;
n=7,52; n130=7,08; Lk=71m; A=157m;
n=8,72; n130=8,2; Lk=82,272m; A=169
ZP km 26,897
ZO km 26,968
P4618
P4619
P4620
P4621
P4622
25,5
26,0
R=4000m
V=80km/h; V130=85km/h; D=0mm; I=19mm; I130=22mm; alfas=0,752°; Lo=52,501m
Lk=0m; T=26,251m; klotoida
zast.
KOPIDLNO VÝCHOD
26,5
27,0
U mlýnů
Na Kamensku
Polní Habrovník
Na zetovské
V Kouřimových
Za cihelnou
Nad silnicí
U Bažantnice
Bažantnice
U stavidel
U dubu
Na osouší
Přední horka
Mezi háji
VINICE
Na Kalvárii
U sklípku
Za humny
KOPIDLNO
Zámecký ryb.
Šutrák
Šutrák
Konopa
Bílý ryb.
Mrlina
Splav
Sádky
solár. el.
ČOV
usaz. nádrž
zásob.
teplo
zeměd.
prům.
žst. Kopidlno
Sv. Jakub Starší
správ.
šk.
sport
zdrav.
hř.
skl. odp.
280
32


R=300m
V=70km/h; V130=75km/h; D=100mm; I=93mm; I130=122mm; alfas=47,9673°; Lo=196,156m
n=7,86; n130=7,33; Lk=55m; A=128m; m=0,42m; T=161,145m; klotoida
tz=4,837m
yv=0,001m
Rv=10000m
8m
I130=127mm; alfas=58,8825°; Lo=281,002m
m=0,603m; T=232,246m; klotoida
m; m=0,81m; T=237,992m; klotoida
tz=8,397m
yv=0,006m
Rv=6000m
6,260m
0,022m
6000m
-0,1%
669m
2,7%
1300m
225,589
-0,1%
669m
635
2,7%
1300m
229,137
3,7%
835m
km 29,041
km 27,741
tz=27,401m
yv=0,038m
Rv=10000m
3,7%
835m
9,2%
674m
232,225
km 29,846
BO
km 27,332
KO km 27,249
km 27,072
ZO km 27,436
KO km 27,623
KP km 27,710
ZP km 28,216
ZO km 28,271
KO km 28,467
KP km 28,522
ZP km 28,924
ZO km 29,010
KO km 29,117
KP km 29,203
ZO km 29,388
KO km 29,526
ZP km 30,384
ZO km 30,458
km 30,584
km 30,658
P4625
zast.
PŠEVES
zast.
BARTOUŠOV ZASTÁVKA
27,5
28,0
28,5
29,0
29,5
30,0
30,5
R=298m
V=75km/h; V130=80km/h; D=150mm; I=73mm; I130=104mm; alfas=54,4346°; Lo=187,327m
n=9,3; n130=8,72; Lk=104,584m; A=177m; m=1,528m; T=206,289m; klotoida
n=7,73; n130=7,25; Lk=87m; A=161m; m=1,057m; T=197,278m; klotoida
R=300m
V=75km/h; V130=80km/h; D=134mm; I=88mm; I130=118mm; alfas=36,8582°; Lo=106,989m
n=8,56; n130=8,02; Lk=86m; A=161m; m=1,026m; T=143,279m; klotoida
R=2000m
V=80km/h; V130=90km/h; D=0mm; I=38mm; I130=48mm; alfas=3,9533°; Lo=138m
Lk=0m; T=69,026m
R=410m
V=80km/h; V130=90km/h; D=111mm; I=74mm; I130=123mm; alfas=27,
n=8,33; n130=7,41; Lk=74m; A=174m; m=0,556m; T=139,024m
N
DRAHORAZ
Hořeňák
Sv. Petr a Pavel
Na horkách
Na panském
Ve vinici
Na poučích
V bahnech
Ve stezkách
Bílský ryb.
Zelinárna
Pod stráňkou
PŠEVES
Velká luka
Mrlina
U spáně
Bartoušov
z. Bartoušov zastávka
Bartoušovský ryb.
Osmdesátka
Pekla
Na kamenech
Na zadní
V silných
U široké
Na horkách
NA PŮLLÁNU
Pazderna
Vražla
Starý ryb.
Králík
Obora
Pařez
Labouňský
Nad volavkou
Labouň
zeměd.
32

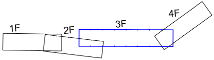

Keteň
Na patřinách
Mrlina
V=80km/h; V
n=7
tz=30,237m
yv=0,091m
Rv=5000m
13,4‰
1283m
244,906
km 31,597
tz=15,857m
yv=0,021m
Rv=6000m
9,2‰
674m
14,5‰
390m
1,3‰
657m
238,409
km 30,550
ZP km 30,669
Zásobní ryb.
Zemed.
P462
32
245,28
Mrlina
z. Bartoušov
km 30,940
244,047
31,0
JIČÍN
vyh. BARTOUŠOV
Zlatinský ryb.
V=80km/h;
Na ostrově
Na stráni
Mrlina
257,7
14,5‰
390m
1,3‰
657m
tz=32,650m
yv=-0,107m
Rv=5000m
9136°; Lo=125,746m
m; klotoida
Žitětín
250,1
Nad hospodou

LEGENDA:

Osa koleje
navržená —
stávající —

Dopravny a zastávky
navržené —
stávající ponechané —
rušené —

Přejezdy
překládané —
stávající ponechané —
rušené —
nové osy komunikací —



Mapový podklad © Český úřad zeměměřický a katastrální, www.cuzk.cz

OBOR: STAVEBNÍ INŽENÝRSTVÍ KONSTRUKCE A DOPRAVNÍ STAVBY	VEDOUCÍ PRÁCE: ING. ONDŘEJ BRET	VYPRACOVAL: BC. EVA VONDRÁČKOVÁ
ROČNÍK: 2	KATEDRA: K137	

NÁZEV PRÁCE

DIPLOMOVÁ PRÁCE

REKONSTRUKCE ŽELEZNIČNÍ TRATI č. 061

V ÚSEKU VELELIBY (mimo) - JIČÍN (mimo)

FORMÁT	8xA4
MĚŘÍTKO	1:10 000
DATUM	01/2021
Č. VÝKR.	03.3

NÁZEV:
SITUACE VARIANTA Č. 1 OPTIMALIZACE
KM 16,5 - 31,0