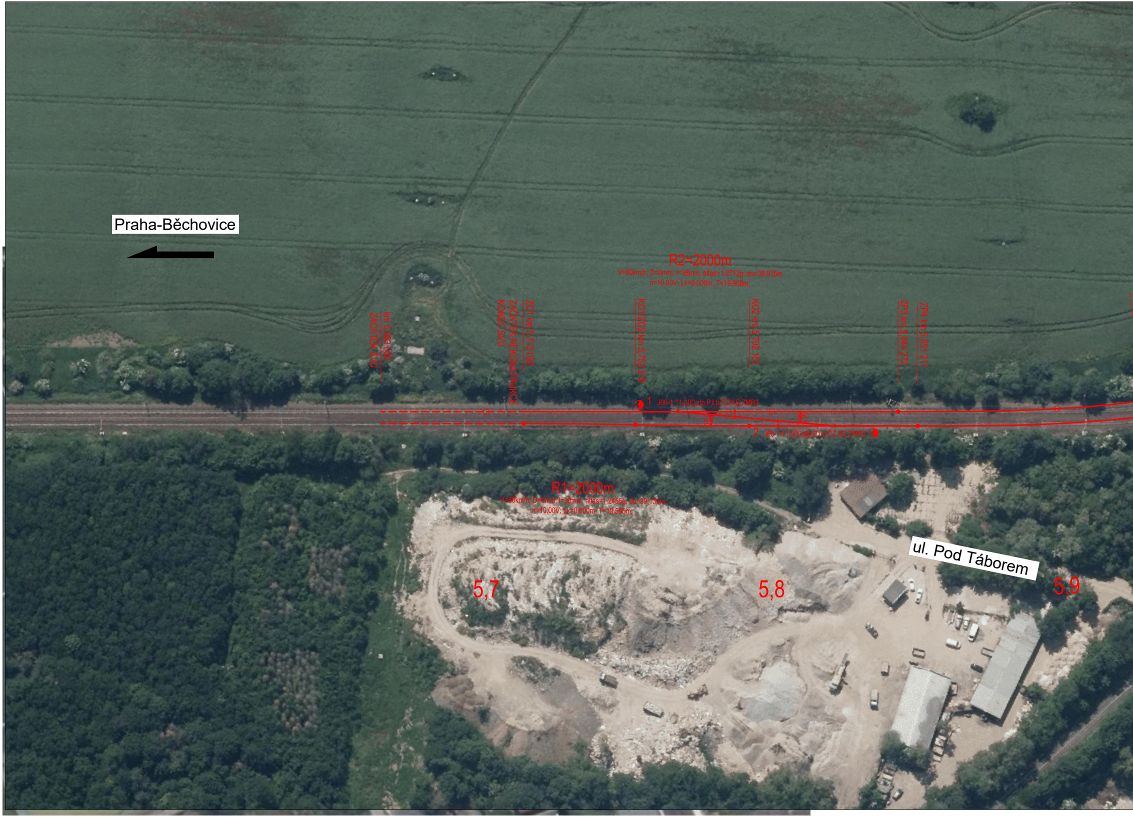
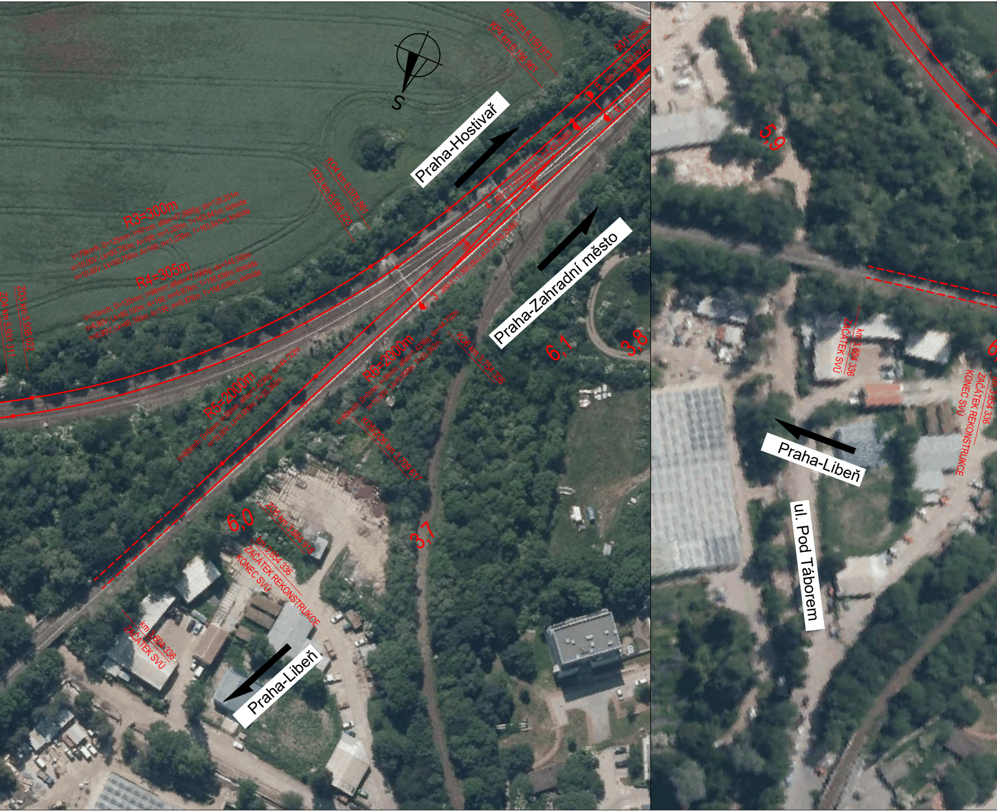
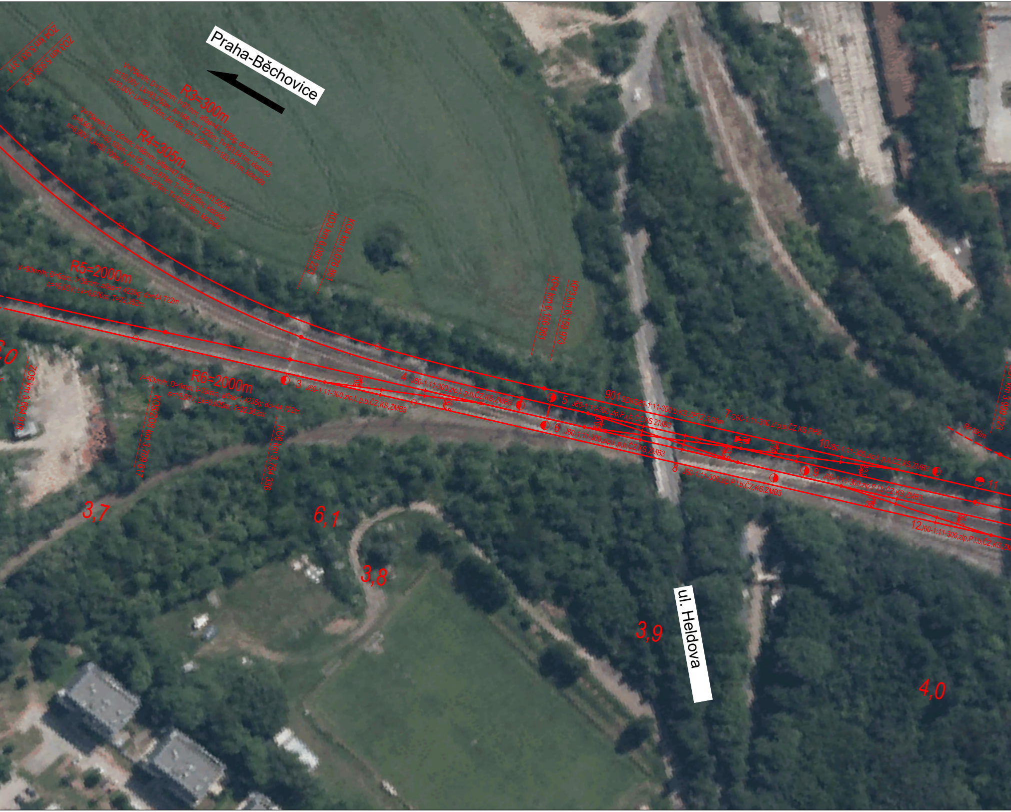
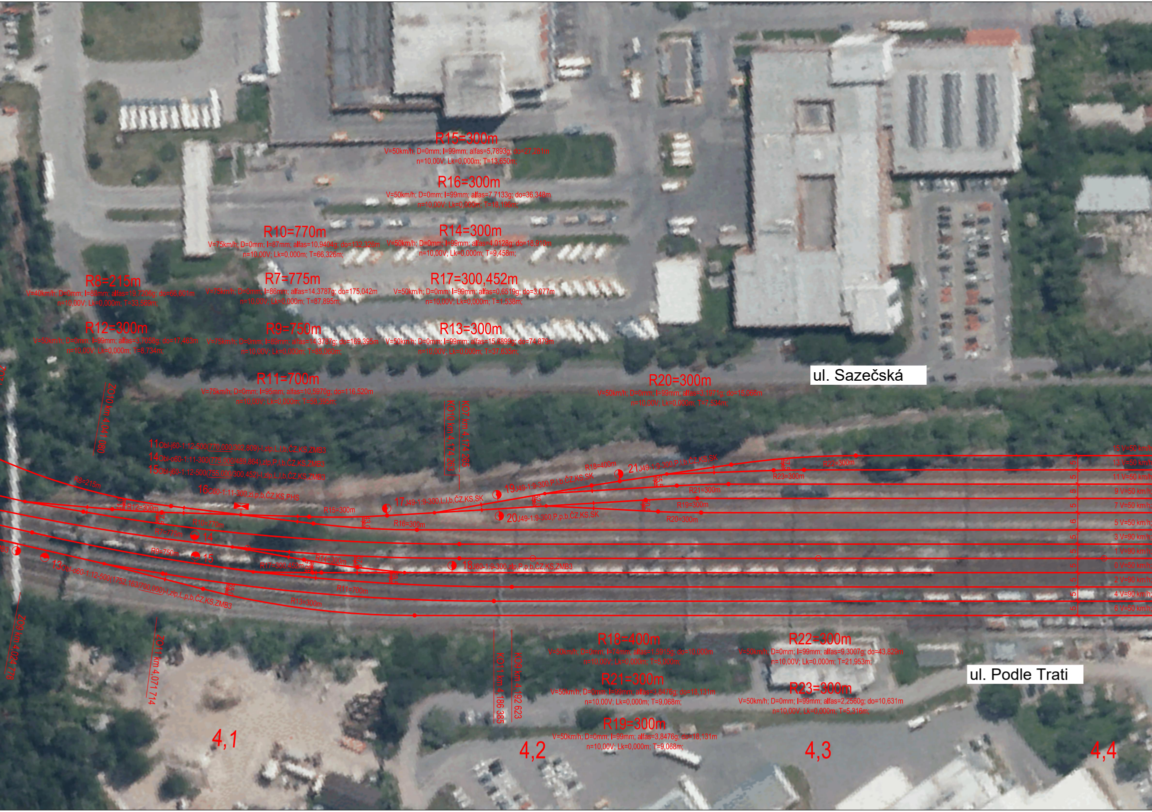
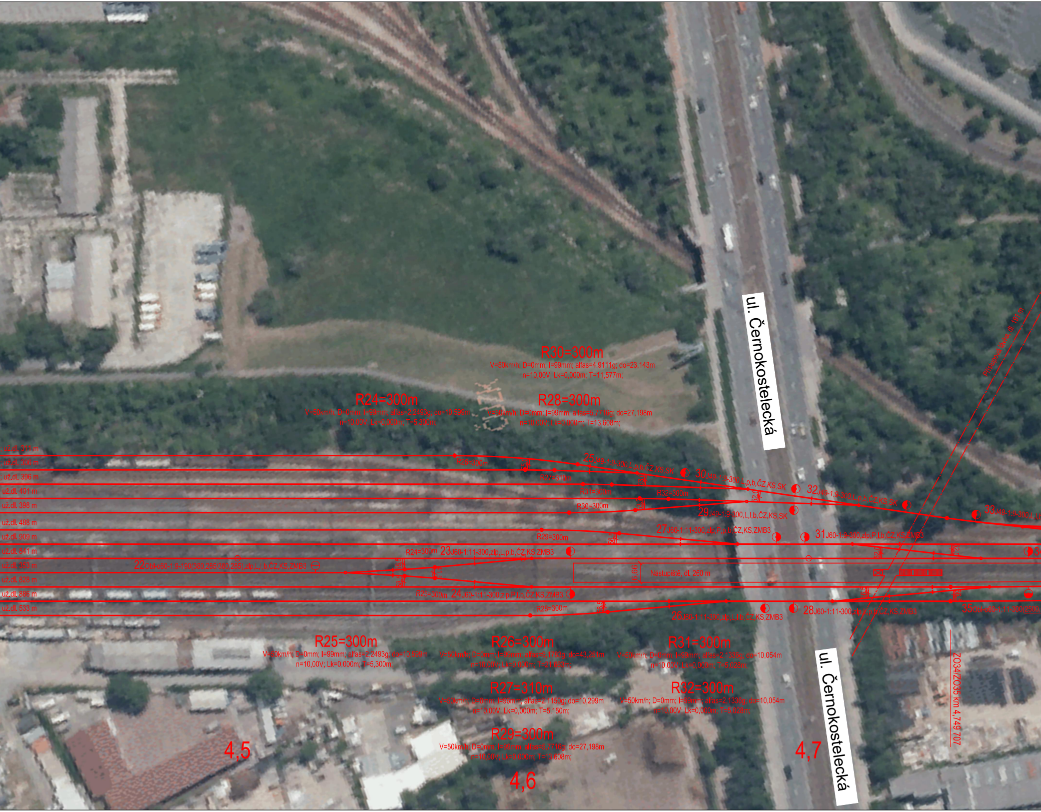
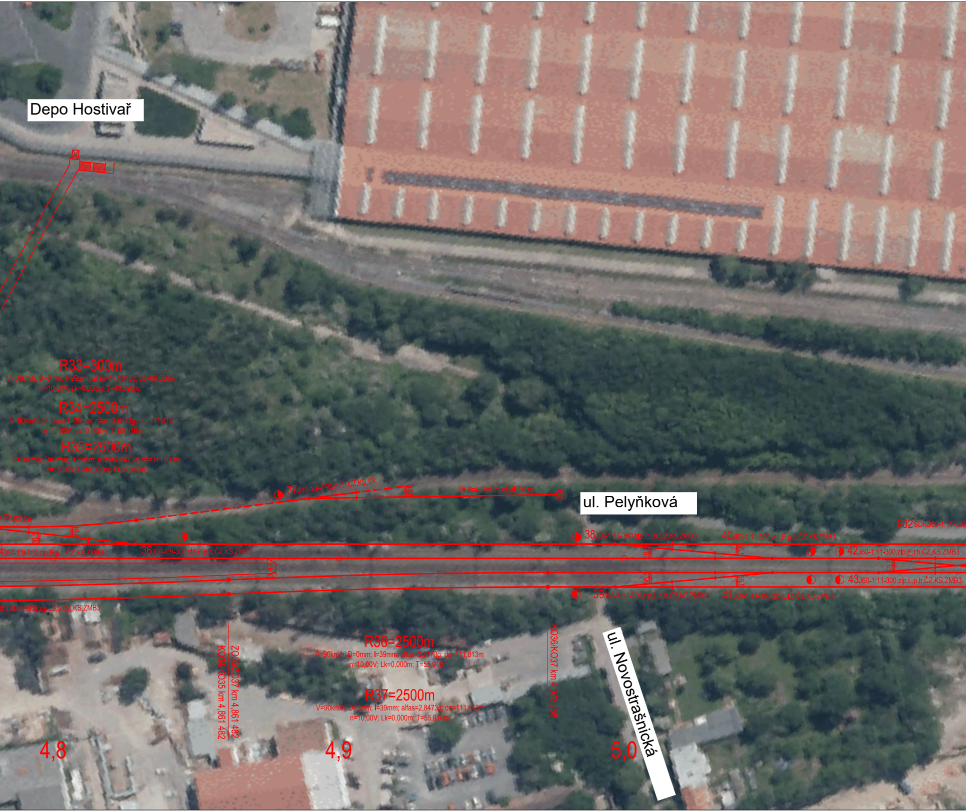

Praha-Běchovice
R2=2000m
V=80km/h; D=0mm; I=38mm; alfas=1,2712g; do=39,935m
n=10,00V; Lk=0,000m; T=19,968m;
km 5,663 092
ZAČÁTEK SVÚ
ZO1 km 5,713 092
ZAČÁTEK REKONSTRUKCE
KONEC SVÚ
KO1/ZO2 km 5,752 219
KO2 km 5,792 151
ZP3 km 5,844 272
ZP4 km 5,851 211
1
J60-1:11-300,zlp,P,I,b,ČZ,KS,ZMB3
2
J60-1:11-300,zlp,P,I,b,ČZ,KS,ZMB3
R1=2000m
V=80km/h; D=0mm; I=38mm; alfas=1,2455g; do=39,130m
n=10,00V; Lk=0,000m; T=19,565m;
5,7
5,8
5,9
ul. Pod Táborem

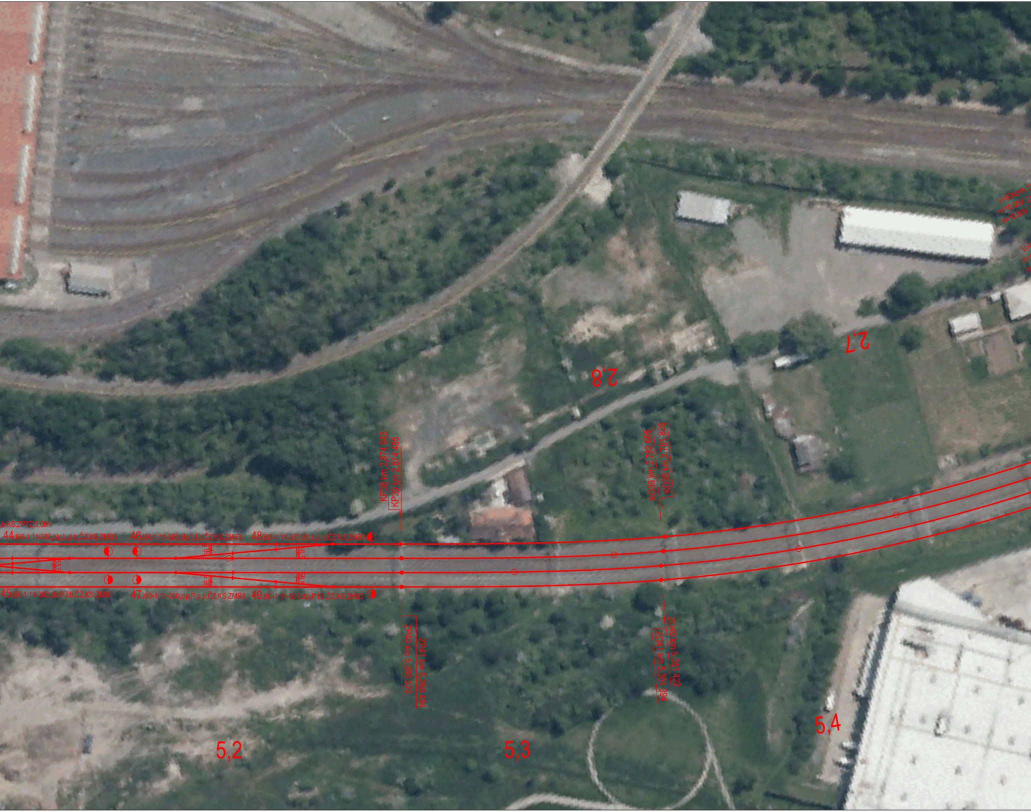

S
KP3 km 6,159 973
KP4 km 6,156 961
901 SDKS60-
Praha-Hostivař
5 J60-1:11-300,zlp,P,l,b
6 J60-1:11-300
J60-1:11-300,zlp,L,p,b,ČZ,KS,ZMB3
4 J60-1:11-300,zlp,L,p,b,ČZ,KS,ZMB3
3 J60-1:11-300,zlp,L,p,b,ČZ,KS,ZMB3
KO4 km 6,076 861
KO3 km 6,066 223
R3=300m
V=75km/h; D=125mm; I=97mm; alfas=47,0995g; do=128,201m
n=10,00V; Lk=93,750m; A=168; m=1,220m; T=163,641m; klotoida
n=10,00V; Lk=93,750m; A=168; m=1,220m; T=163,641m; klotoida
R4=305m
V=75km/h; D=120mm; I=98mm; alfas=47,0995g; do=145,550m
n=8,90V; Lk=80,100m; A=156; m=0,876m; T=158,636m; klotoida
n=8,90V; Lk=80,100m; A=156; m=0,876m; T=158,636m; klotoida
ZO3 km 5,938 022
ZO4 km 5,931 311
Praha-Zahradní město
R5=2000m
V=80km/h; D=0mm; I=38mm; alfas=1,4236g; do=44,722m
n=10,00V; Lk=0,000m; T=22,362m;
R6=2000m
V=80km/h; D=0mm; I=38mm; alfas=1,4236g; do=44,722m
n=10,00V; Lk=0,000m; T=22,362m;
KO6 km 3,754 336
KO5/ZO6 km 3,709 617
6,1
3,8
6,0
3,7
ZO5 km 3,664 918
km 3,654 336
ZAČÁTEK REKONSTRUKCE
KONEC SVÚ
km 3,604 336
ZAČÁTEK SVÚ
Praha-Libeň
5,9
km 3,604 336
ZAČÁTEK SVÚ
km 3,654 336
ZAČÁTEK REKONSTRUKCE
KONEC SVÚ
Praha-Libeň
ul. Pod Táborem

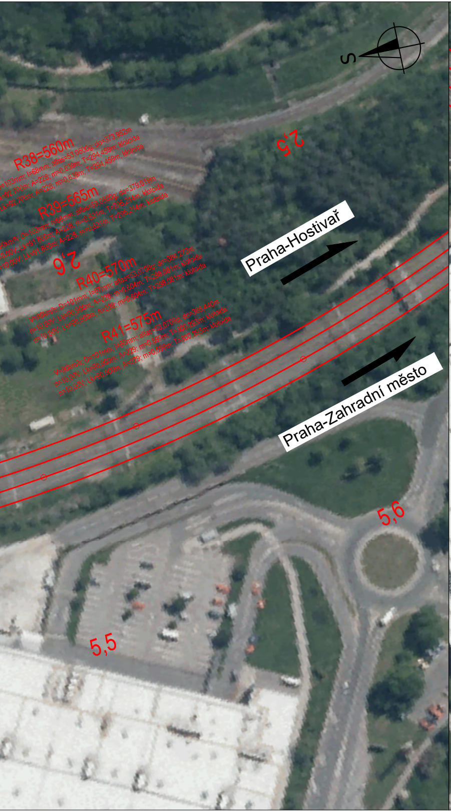

Praha-Běchovice
ZO4 km 5,931 311
ZO3 km 5,938 022
R3=300m
V=75km/h; D=125mm; I=97mm; alfas=47,0995g; do=128,201m
n=10,00V; Lk=93,750m; A=168; m=1,220m; T=163,641m; klotoida
n=10,00V; Lk=93,750m; A=168; m=1,220m; T=163,641m; klotoida
R4=305m
V=75km/h; D=120mm; I=98mm; alfas=47,0995g; do=145,550m
n=8,90V; Lk=80,100m; A=156; m=0,876m; T=158,636m; klotoida
n=8,90V; Lk=80,100m; A=156; m=0,876m; T=158,636m; klotoida
KO3 km 6,066 223
KO4 km 6,076 861
KP4 km 6,156 961
KP3 km 6,159 973
R5=2000m
V=80km/h; D=0mm; I=38mm; alfas=1,4236g; do=44,722m
n=10,00V; Lk=0,000m; T=22,362m;
R6=2000m
V=80km/h; D=0mm; I=38mm; alfas=1,4236g; do=44,722m
n=10,00V; Lk=0,000m; T=22,362m;
ZO5 km 3,664 918
KO5/ZO6 km 3,709 617
KO6 km 3,754 336
3 J60-1:11-300,zlp,L,p,b,ČZ,KS,ZMB3
4 J60-1:11-300,zlp,L,p,b,ČZ,KS,ZMB3
5 J60-1:11-300,zlp,P,l,b,ČZ,KS,ZMB3
6 J60-1:11-300,zlp,L,p,b,ČZ,KS,ZMB3
901 SDKS60-1:11-300,b,KS,ZPTZ,5,00m
7 C60-1:11-300,zl,p,b,ČZ,KS,PHS
8 J60-1:11-300,zlp,P,l,b,ČZ,KS,ZMB3
9 J60-1:11-300,zlp,P,l,b,ČZ,KS,ZMB3
10 J60-1:11-300,zlp,L,p,b,ČZ,KS,ZMB3
11
12 J60-1:11-300,zlp,P,l,b,ČZ,KS,ZM
R=190m
km 3,999 223
3,7
6,1
3,8
3,9
4,0
ul. Heldova

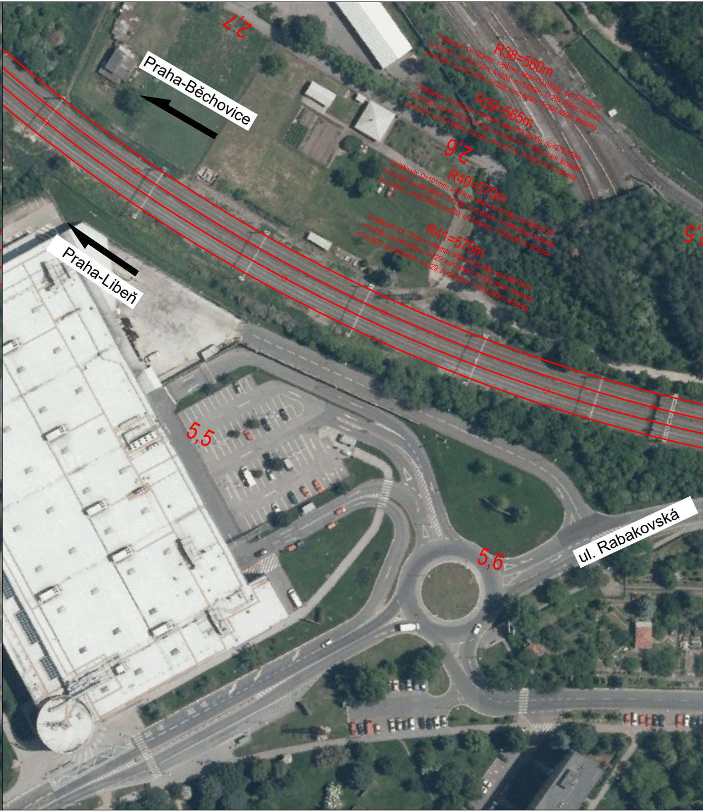

R15=300m
V=50km/h; D=0mm; I=99mm; alfas=5,7893g; do=27,281m
n=10,00V; Lk=0,000m; T=13,650m;
R16=300m
V=50km/h; D=0mm; I=99mm; alfas=7,7133g; do=36,348m
n=10,00V; Lk=0,000m; T=18,196m;
R10=770m
V=75km/h; D=0mm; I=87mm; alfas=10,9404g; do=132,326m
n=10,00V; Lk=0,000m; T=66,326m;
R14=300m
V=50km/h; D=0mm; I=99mm; alfas=4,0128g; do=18,910m
n=10,00V; Lk=0,000m; T=9,458m;
R8=215m
V=40km/h; D=0mm; I=88mm; alfas=19,7206g; do=66,601m
n=10,00V; Lk=0,000m; T=33,569m;
R7=775m
V=75km/h; D=0mm; I=86mm; alfas=14,3787g; do=175,042m
n=10,00V; Lk=0,000m; T=87,895m;
R17=300,452m
V=50km/h; D=0mm; I=99mm; alfas=0,6519g; do=3,077m
n=10,00V; Lk=0,000m; T=1,538m;
R12=300m
V=50km/h; D=0mm; I=99mm; alfas=3,7058g; do=17,463m
n=10,00V; Lk=0,000m; T=8,734m;
R9=750m
V=75km/h; D=0mm; I=89mm; alfas=14,3787g; do=169,395m
n=10,00V; Lk=0,000m; T=85,060m;
R13=300m
V=50km/h; D=0mm; I=99mm; alfas=15,8899g; do=74,879m
n=10,00V; Lk=0,000m; T=37,635m;
R11=700m
V=75km/h; D=0mm; I=95mm; alfas=10,5970g; do=116,520m
n=10,00V; Lk=0,000m; T=58,395m;
R20=300m
V=50km/h; D=0mm; I=99mm; alfas=3,1971g; do=15,066m
n=10,00V; Lk=0,000m; T=7,534m;
ul. Sazečská
ZO10 km 4,041 080
KO10 km 4,174 263
KO7 km 4,174 265
11 Obl-j60-1:12-500(770,000/302,809)-l,zlp,L,l,b,ČZ,KS,ZMB3
14 Obl-o60-1:11-300(775,000/489,864),zlp,P,l,b,ČZ,KS,ZMB3
15 Obl-j60-1:12-500(755,000/300,452)-l,zlp,L,l,b,ČZ,KS,ZMB3
16 C60-1:11-300,zl,p,b,ČZ,KS,PHS
R8=215m
R12=300m
R10=770m
R7=775m
14
R9=750m
15
R15=300m
R16=300m
R14=300m
R17=300,452m
R11=700m
R13=300m
13 Obl-o60-1:12-500(1752,163/700,000)-l,zlp,L,p,b,ČZ,KS,ZMB3
17 J49-1:9-300,L,l,b,ČZ,KS,SK
18 J60-1:9-300,zlp,P,p,b,ČZ,KS,ZMB3
19 J49-1:9-300,P,l,b,ČZ,KS,SK
20 J49-1:9-300,P,p,b,ČZ,KS,SK
21 J49-1:9-300,P,l,b,ČZ,KS,SK
R18=400m
R21=300m
R19=300m
R20=300m
R22=300m
R23=300m
15 V=50 km/h
13 V=50 km/h
11 V=50 km/h
9 V=50 km/h;
7 V=50 km/h;
5 V=50 km/h;
3 V=90 km/h;
1 V=90 km/h;
0 V=50 km/h;
2 V=90 km/h;
4 V=90 km/h;
6 V=50 km/h;
5
5
5
5
6
5
5
5
5
5
5
ZO9 km 4,024 778
ZO11 km 4,071 714
KO11 km 4,186 385
KO9 km 4,192 623
R18=400m
V=50km/h; D=0mm; I=74mm; alfas=1,5915g; do=10,000m
n=10,00V; Lk=0,000m; T=5,000m;
R21=300m
V=50km/h; D=0mm; I=99mm; alfas=3,8476g; do=18,131m
n=10,00V; Lk=0,000m; T=9,068m;
R19=300m
V=50km/h; D=0mm; I=99mm; alfas=3,8476g; do=18,131m
n=10,00V; Lk=0,000m; T=9,068m;
R22=300m
V=50km/h; D=0mm; I=99mm; alfas=9,3007g; do=43,829m
n=10,00V; Lk=0,000m; T=21,953m;
R23=300m
V=50km/h; D=0mm; I=99mm; alfas=2,2560g; do=10,631m
n=10,00V; Lk=0,000m; T=5,316m;
ul. Podle Trati
4,1
4,2
4,3
4,4

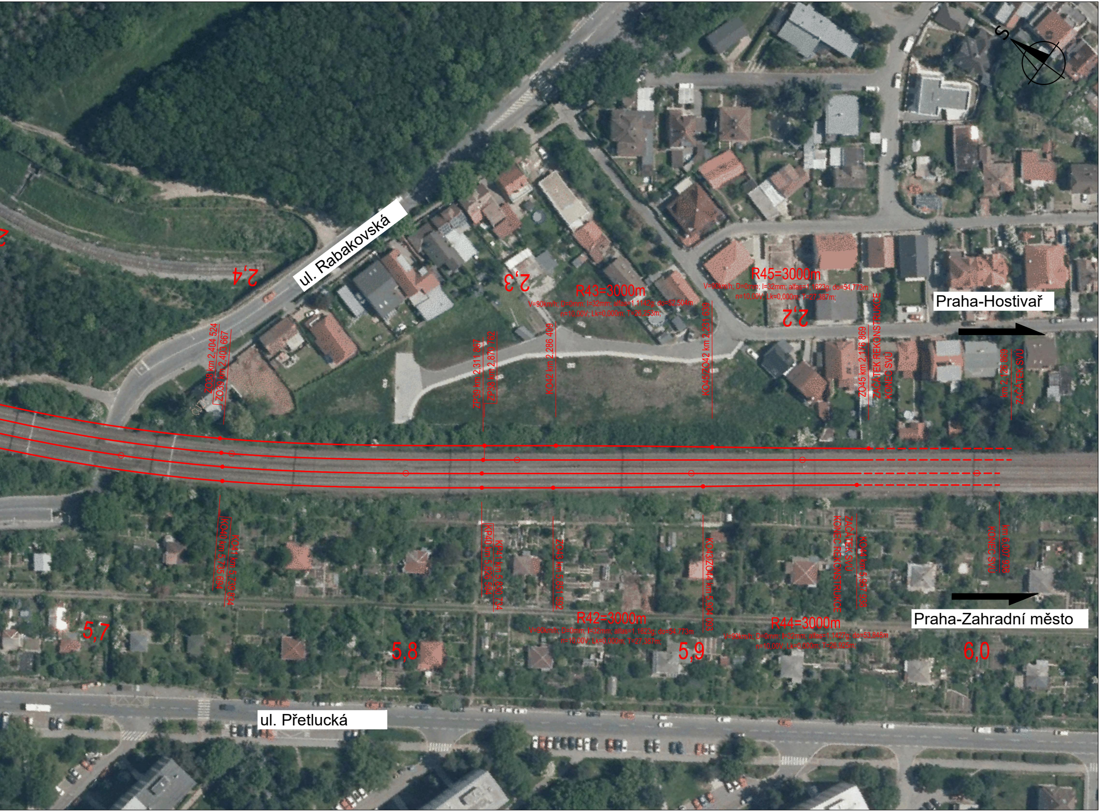

R30=300m
V=50km/h; D=0mm; I=99mm; alfas=4,9111g; do=23,143m
n=10,00V; Lk=0,000m; T=11,577m;
R24=300m
V=50km/h; D=0mm; I=99mm; alfas=2,2493g; do=10,599m
n=10,00V; Lk=0,000m; T=5,300m;
R28=300m
V=50km/h; D=0mm; I=99mm; alfas=5,7716g; do=27,198m
n=10,00V; Lk=0,000m; T=13,608m;
ul. Černokostelecká
Přístupová lávka, dl. 191 m
; už.dl. 311 m
; už.dl. 306 m
; už.dl. 396 m
už.dl. 401 m
už.dl. 398 m
už.dl. 488 m
už.dl. 909 m
už.dl. 841 m
už.dl. 353 m
už.dl. 828 m
už.dl. 886 m
už.dl. 533 m
R26=300m
25J49-1:9-300,L,p,b,ČZ,KS,SK
R27=310m
30J49-1:9-300,L,p,b,ČZ,KS,SK
R31=300m
R32=300m
32J49-1:9-300,L,p,b,ČZ,KS,SK
R30=300m
29J49-1:9-300,L,l,b,ČZ,KS,SK
33J49-1:9-300,L,l,
27J60-1:11-300,zlp,P,p,b,ČZ,KS,ZMB3
R29=300m
31J60-1:9-300,zlp,P,l,b,ČZ,KS,ZMB3
R24=300m
23J60-1:11-300,zlp,L,p,b,ČZ,KS,ZMB3
22Obl-o60-1:9-190(380,285/380,285),zlp,L,l,b,ČZ,KS,ZMB3
6,66
Nástupiště, dl. 260 m
R25=300m
24J60-1:11-300,zlp,P,l,b,ČZ,KS,ZMB3
R28=300m
26J60-1:11-300,zlp,L,l,b,ČZ,KS,ZMB3
28J60-1:11-300,zlp,L,p,b,ČZ,KS,ZMB3
35Obl-o60-1:11-300(2500,
53,0
52,0
56,5
58,5
41,5
R25=300m
V=50km/h; D=0mm; I=99mm; alfas=2,2493g; do=10,599m
n=10,00V; Lk=0,000m; T=5,300m;
R26=300m
V=50km/h; D=0mm; I=99mm; alfas=9,1783g; do=43,251m
n=10,00V; Lk=0,000m; T=21,663m;
R31=300m
V=50km/h; D=0mm; I=99mm; alfas=2,1336g; do=10,054m
n=10,00V; Lk=0,000m; T=5,028m;
R27=310m
V=50km/h; D=0mm; I=96mm; alfas=2,1150g; do=10,299m
n=10,00V; Lk=0,000m; T=5,150m;
R32=300m
V=50km/h; D=0mm; I=99mm; alfas=2,1336g; do=10,054m
n=10,00V; Lk=0,000m; T=5,028m;
R29=300m
V=50km/h; D=0mm; I=99mm; alfas=5,7716g; do=27,198m
n=10,00V; Lk=0,000m; T=13,608m;
ZO34/ZO35 km 4,749 707
4,5
4,6
4,7
ul. Černokostelecká


Depo Hostivař
R33=300m
V=50km/h; D=0mm; I=99mm; alfas=17,1646g; do=80,886m
n=10,00V; Lk=0,000m; T=40,690m;
R34=2500m
V=90km/h; D=0mm; I=39mm; alfas=2,8473g; do=111,813m
n=10,00V; Lk=0,000m; T=55,916m;
R35=2500m
V=90km/h; D=0mm; I=39mm; alfas=2,8473g; do=111,813m
n=10,00V; Lk=0,000m; T=55,916m;
37J49-1:9-190,P,l,b,ČZ,KS,SK
5b V=40 km/h; už.dl. 50 m
ul. Pelyňková
ČZ,KS,SK
4J60-1:9-300,zlp,P,p,b,ČZ,KS,ZMB3
36J60-1:9-300,zlp,P,p,b,ČZ,KS,ZMB3
3,477
000/340,993),zlp,L,l,b,ČZ,KS,ZMB3
38J60-1:11-300,zlp,P,l,b,ČZ,KS,ZMB3
40J60-1:11-300,zlp,P,p,b,ČZ,KS,ZMB3
902SDKS60-1:11-300
42J60-1:11-300,zlp,P,l,b,ČZ,KS,ZMB3
43J60-1:11-300,zlp,L,p,b,ČZ,KS,ZMB3
39J60-1:11-300,zlp,L,p,b,ČZ,KS,ZMB3
41J60-1:11-300,zlp,L,l,b,ČZ,KS,ZMB3
ZO36/ZO37 km 4,861 482
KO34/KO35 km 4,861 482
R36=2500m
V=90km/h; D=0mm; I=39mm; alfas=2,8473g; do=111,813m
n=10,00V; Lk=0,000m; T=55,916m;
R37=2500m
V=90km/h; D=0mm; I=39mm; alfas=2,8473g; do=111,813m
n=10,00V; Lk=0,000m; T=55,916m;
KO36/KO37 km 4,973 258
ul. Novostrašnická
4,8
4,9
5,0


2,8
2,7
,b,KS,ZPTZ,5,00m
44J60-1:11-300,zlp,L,p,b,ČZ,KS,ZMB3
46J60-1:11-300,zlp,L,l,b,ČZ,KS,ZMB3
48J60-1:11-300,zlp,L,p,b,ČZ,KS,ZMB3
45J60-1:11-300,zlp,P,l,b,ČZ,KS,ZMB3
47J60-1:11-300,zlp,P,p,b,ČZ,KS,ZMB3
49J60-1:11-300,zlp,P,l,b,ČZ,KS,ZMB3
63,5
56,5
56,5
56,5
56,5
KP38 km 2,874 943
KP39 km 2,874 485
KO39 km 2,782 685
KO38 km 2,781 828
ZP40 km 5,260 522
ZP41 km 5,260 494
ZO40 km 5,351 422
ZO41 km 5,351 394
5,2
5,3
5,4


S
2,5
R38=560m
R39=565m
2,6
R40=570m
R41=575m
Praha-Hostivař
Praha-Zahradní město
5,6
5,5


2,7
Praha-Běchovice
R38=560m
V=90km/h; D=103mm; I=68mm; alfas=53,0500g; do=373,952m
n=10,00V; Lk=92,700m; A=228; m=0,639m; T=294,459m; klotoida
n=10,00V; Lk=92,700m; A=228; m=0,639m; T=294,459m; klotoida
R39=565m
V=90km/h; D=102mm; I=68mm; alfas=53,0500g; do=379,019m
n=10,00V; Lk=91,800m; A=228; m=0,621m; T=296,214m; klotoida
n=10,00V; Lk=91,800m; A=228; m=0,621m; T=296,214m; klotoida
2,6
R40=570m
V=90km/h; D=101mm; I=67mm; alfas=53,0708g; do=384,272m
n=10,00V; Lk=90,900m; A=228; m=0,604m; T=298,081m; klotoida
n=10,00V; Lk=90,900m; A=228; m=0,604m; T=298,081m; klotoida
R41=575m
V=90km/h; D=101mm; I=66mm; alfas=53,0708g; do=388,440m
n=10,00V; Lk=90,900m; A=229; m=0,599m; T=300,293m; klotoida
n=10,00V; Lk=90,900m; A=229; m=0,599m; T=300,293m; klotoida
Praha-Libeň
5,5
5,6
ul. Rabakovská


S
ul. Rabakovská
2,4
2,3
R43=3000m
V=90km/h; D=0mm; I=32mm; alfas=1,1142g; do=52,504m
n=10,00V; Lk=0,000m; T=26,253m;
R45=3000m
V=90km/h; D=0mm; I=32mm; alfas=1,1623g; do=54,773m
n=10,00V; Lk=0,000m; T=27,387m;
2,2
Praha-Hostivař
ZO38 km 2,404 524
ZO39 km 2,403 667
ZP39 km 2,311 867
ZP38 km 2,870 762
KO42 km 2,286 409
KO45/ZO42 km 2,231 639
ZO45 km 2,176 869
ZAČÁTEK REKONSTRUKCE
KONEC SVÚ
km 2,126 869
ZAČÁTEK SVÚ
KO40 km 5,735 694
KO41 km 5,739 834
KP40 km 5,826 594
KP41 km 5,830 734
ZO43 km 5,851 592
KO43/ZO44 km 5,904 093
KONEC REKONSTRUKCE
ZAČÁTEK SVÚ
KO44 km 5,957 938
KONEC SVÚ
km 6,007 938
R42=3000m
V=90km/h; D=0mm; I=32mm; alfas=1,1623g; do=54,773m
n=10,00V; Lk=0,000m; T=27,387m;
R44=3000m
V=90km/h; D=0mm; I=32mm; alfas=1,1427g; do=53,848m
n=10,00V; Lk=0,000m; T=26,925m;
Praha-Zahradní město
5,7
5,8
5,9
6,0
ul. Přetlucká

LEGENDA:

———	NOVÝ ŽELEZNIČNÍ SVRŠEK
— — —	SMĚROVÁ A VÝŠKOVÁ ÚPRAVA KOLEJE
———	NÁSTUPIŠTNÍ HRANA
—··—··—	PŘÍSTUPOVÁ LÁVKA

OBOR	KATEDRA	JMÉNO STUDENTA
Dopravní systémy a technika	K612 Ústav dopravních systémů	Bc. Tomáš Fojta
ROČNÍK	VEDOUCÍ PRÁCE	
2020/2021	Ing. Ondřej Trešl	

AKCE :

DIPLOMOVÁ PRÁCE
MODERNIZACE ŽST. PRAHA MALEŠICE

FORMÁT	3570x297 mm
MĚŘÍTKO	1:1000
DATUM	9.8.2021
Č. VÝKR.	5

OBSAH :

SITUACE S ORTOFOTO – VELKORYSÁ VARIANTA