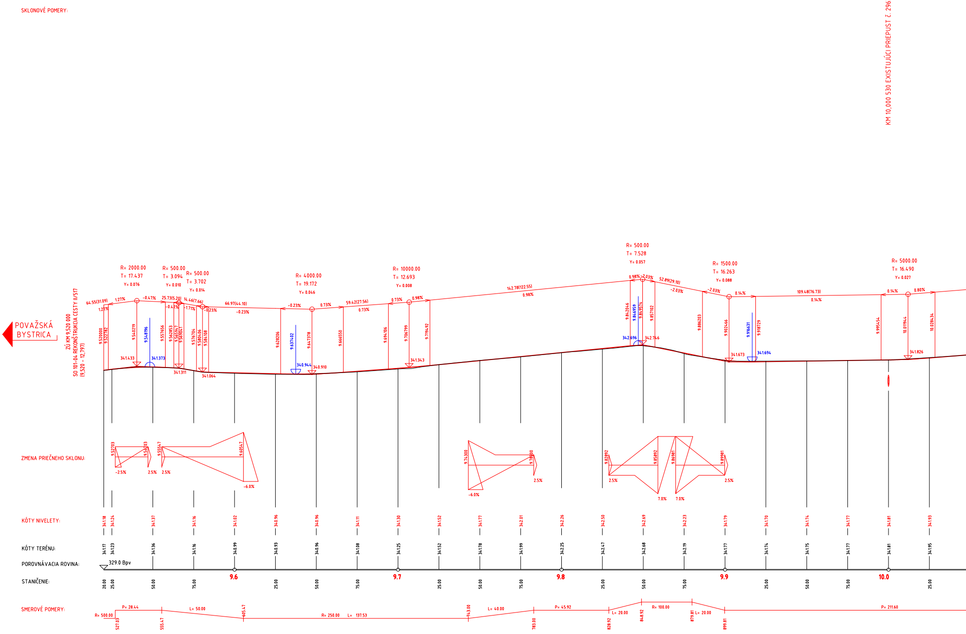
DRUH POVRCHU ÚZEMIA:	ASFALTOVÁ CESTA	ASFALTOVÁ CESTA
KATASTRÁLNE ÚZEMIE:	PREČÍN	PREČÍN
OKRES:	POVAŽSKÁ BYSTRICA	
KRAJ:	ŽILINSKÝ	

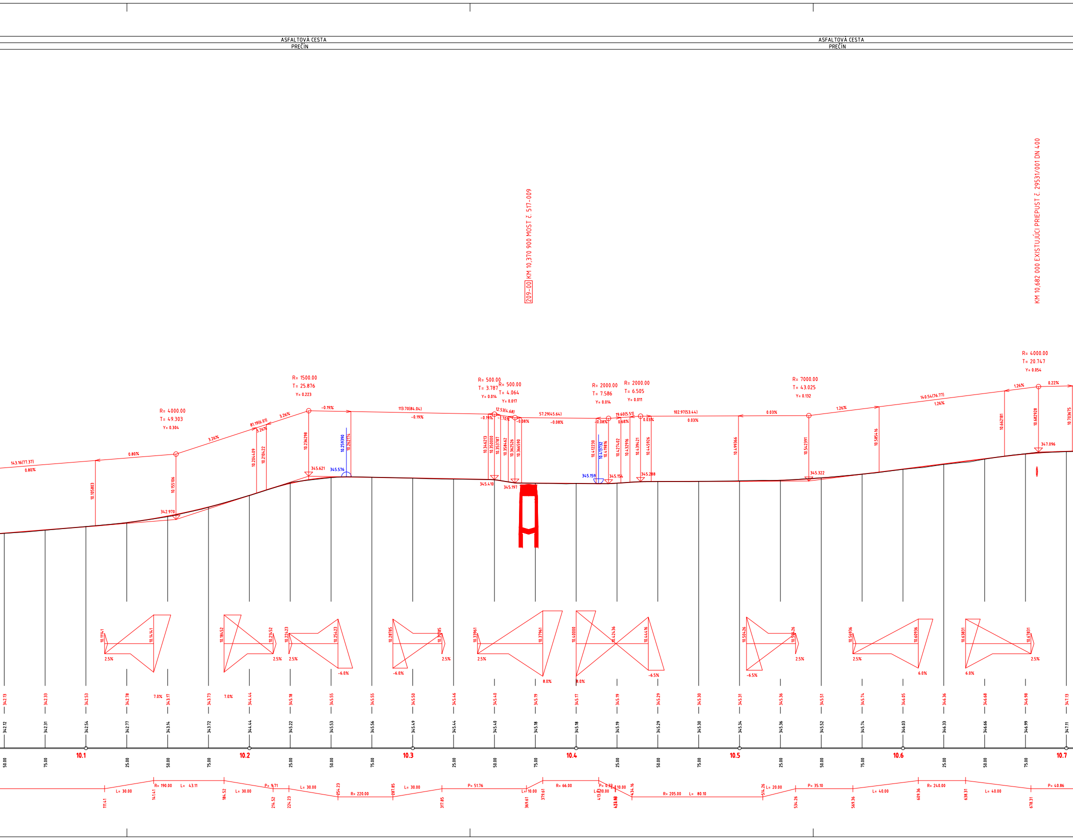
POZDĹŽNY PROFIL

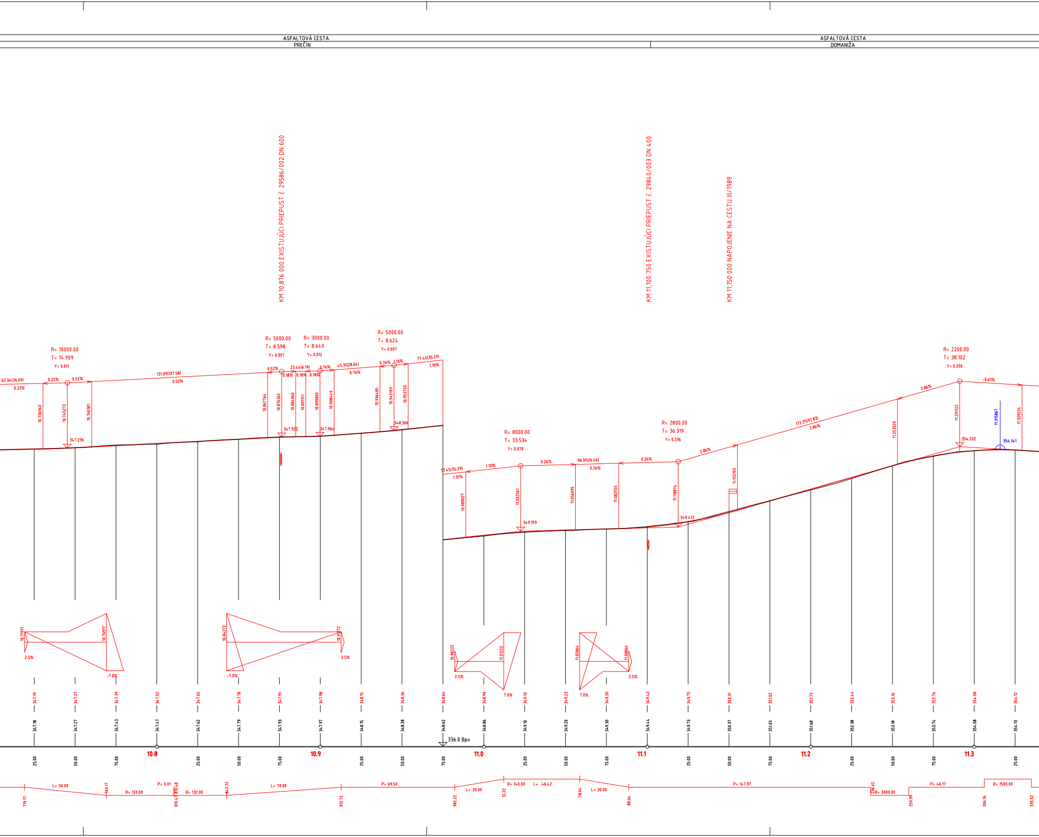
M 1:1000/100

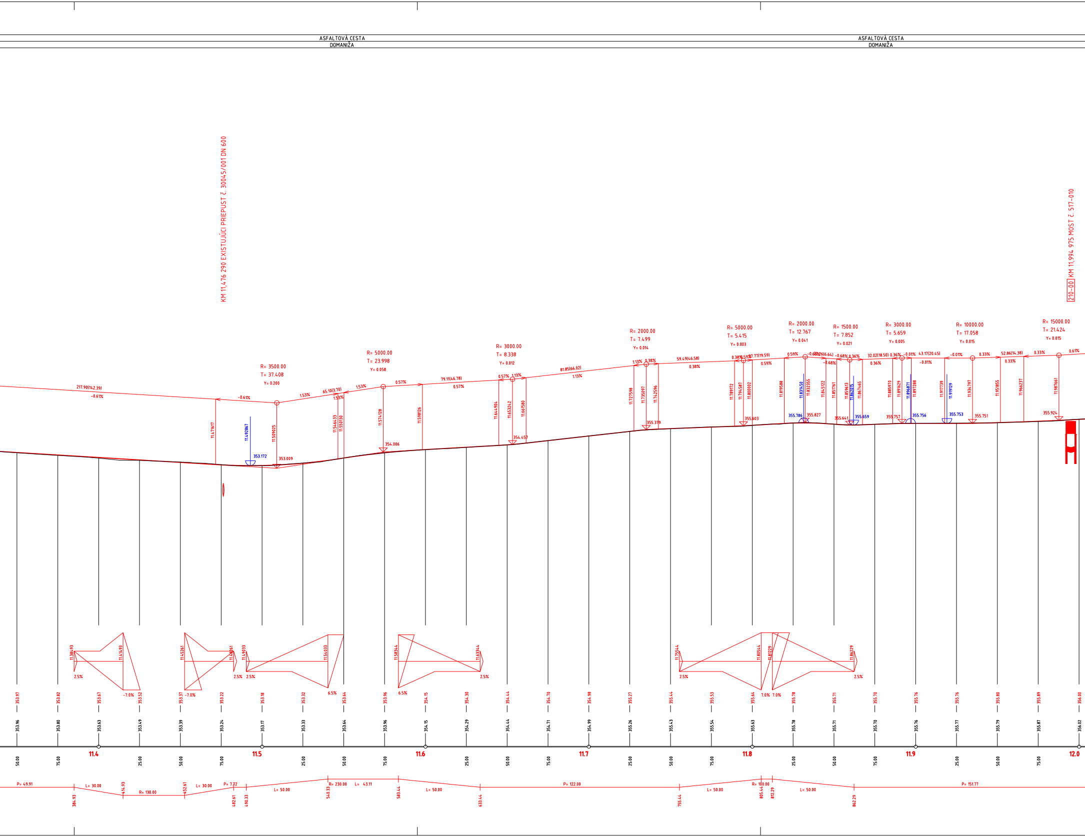
KM 10,000 530 EXISTUJÚCI PRIEPUST č. 29634/002 DN 500

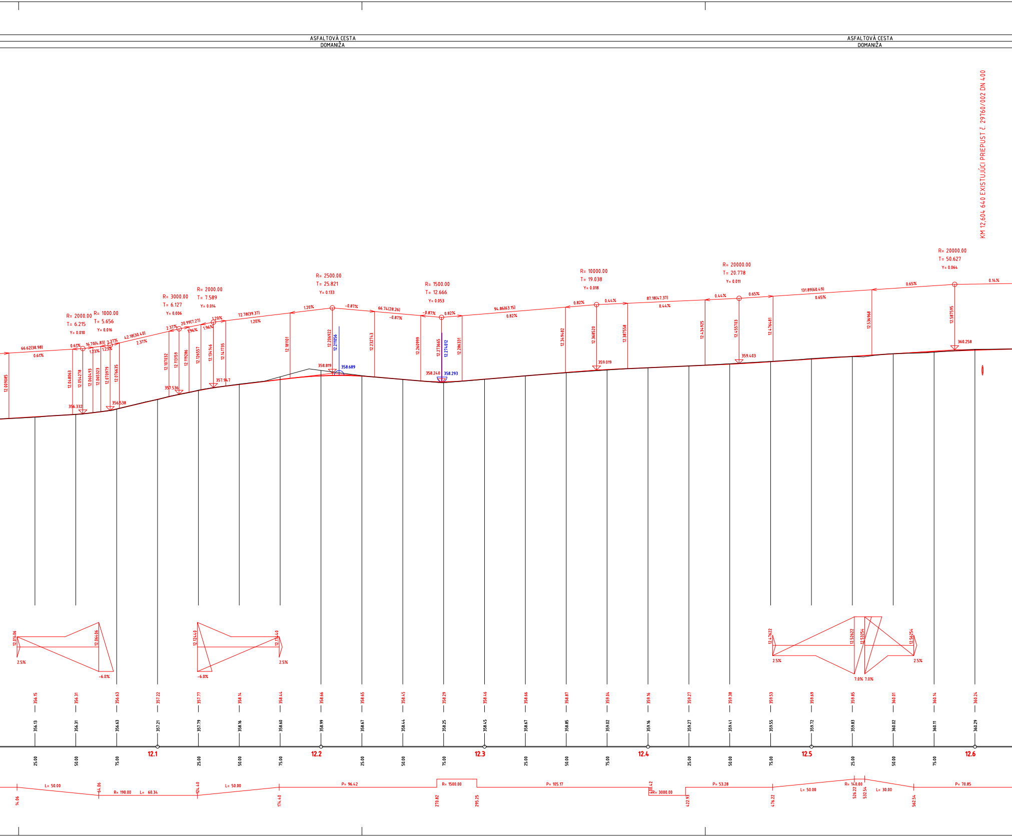


SKLONOVÉ POMERY:
POVAŽSKÁ BYSTRICA
ZÚ KM 9,520 000
SO 101-04 REKONŠTRUKCIA CESTY II/517
(9,520 - 12,797)
R= 2000.00 T= 17.437 Y= 0.076
R= 500.00 T= 3.094 Y= 0.010
R= 500.00 T= 3.702 Y= 0.014
R= 4000.00 T= 19.172 Y= 0.046
R= 10000.00 T= 12.693 Y= 0.008
R= 500.00 T= 7.528 Y= 0.057
R= 1500.00 T= 16.263 Y= 0.088
R= 5000.00 T= 16.490 Y= 0.027
64.55(31.09) 1.27%
25.73(5.20) -0.47%
14.46(7.66) -1.71%
66.97(44.10) -0.23%
59.42(27.56) 0.73%
142.78(122.55) 0.98%
52.89(29.10) -2.03%
109.48(76.73) 0.14%
0.80%
341.433
341.373
341.311
341.064
340.944
340.910
341.343
342.696
342.746
341.673
341.694
341.826
ZMENA PRIEČNEHO SKLONU:
-2.5%
2.5%
-6.0%
7.0%
KÓTY NIVELETY:
341.18 341.24 341.37 341.16 341.02 340.96 340.96 341.11 341.30 341.52 341.77 342.01 342.26 342.50 342.69 342.23 341.79 341.70 341.74 341.77 341.81 341.93
KÓTY TERÉNU:
341.17 341.23 341.36 341.16 340.99 340.93 340.96 341.08 341.25 341.52 341.78 341.99 342.25 342.47 342.68 342.19 341.77 341.74 341.75 341.77 341.81 341.95
POROVNÁVACIA ROVINA:
329.0 Bpv
STANIČENIE:
20.00 25.00 50.00 75.00 9.6 25.00 50.00 75.00 9.7 25.00 50.00 75.00 9.8 25.00 50.00 75.00 9.9 25.00 50.00 75.00 10.0 25.00
SMEROVÉ POMERY:
R= 500.00
527.03
P= 28.44
555.47
L= 50.00
605.47
R= 250.00 L= 137.53
743.00
L= 40.00
783.00
P= 45.92
828.92
L= 20.00
848.92
R= 100.00
879.81
L= 20.00
899.81
P= 211.60


ASFALTOVÁ CESTA
PREČÍN
ASFALTOVÁ CESTA
PREČÍN
209-00 KM 10,370 900 MOST č. 517-009
KM 10,682 000 EXISTUJÚCI PRIEPUST č. 29531/001 DN 400
R= 4000.00
T= 49.303
Y= 0.304
R= 1500.00
T= 25.876
Y= 0.223
R= 500.00
T= 3.787
Y= 0.014
R= 500.00
T= 4.064
Y= 0.017
R= 2000.00
T= 7.586
Y= 0.014
R= 2000.00
T= 6.505
Y= 0.011
R= 7000.00
T= 43.025
Y= 0.132
R= 4000.00
T= 20.747
Y= 0.054
143.16(77.37)
0.80%
0.80%
3.26%
81.19(6.01)
3.26%
3.26%
-0.19%
113.70(84.04)
-0.19%
-0.19%
12.53(4.68)
-1.70%
-0.08%
57.29(45.64)
-0.08%
-0.08%
19.60(5.51)
0.68%
0.03%
102.97(53.44)
0.03%
0.03%
1.26%
140.54(76.77)
1.26%
1.26%
0.22%
10.105803
10.155106
342.970
10.204409
10.210422
10.236298
345.621
10.259390
10.262174
345.576
10.346213
10.350000
10.353787
10.358462
10.362526
10.366590
345.410
345.197
10.412230
10.413732
10.419816
345.159
345.154
10.427402
10.432916
10.439421
10.445926
345.288
10.499366
10.542391
345.322
10.585416
10.662181
10.682928
347.096
10.703675
10.11141
10.14141
2.5%
7.0%
10.18452
10.21452
2.5%
7.0%
10.22423
10.25423
2.5%
-6.0%
10.28785
10.31785
-6.0%
2.5%
10.33961
10.37961
2.5%
8.0%
10.40000
10.42436
10.44416
8.0%
-6.5%
10.50426
10.53426
-6.5%
2.5%
10.56936
10.60936
2.5%
6.0%
10.63831
10.67831
6.0%
2.5%
342.13
342.33
342.53
342.78
343.17
343.73
344.44
345.18
345.55
345.55
345.50
345.46
345.40
345.19
345.17
345.19
345.29
345.30
345.31
345.36
345.51
345.74
346.05
346.36
346.68
346.98
347.13
342.12
342.31
342.54
342.77
343.14
343.72
344.44
345.22
345.53
345.56
345.49
345.44
345.40
345.18
345.18
345.19
345.29
345.30
345.34
345.36
345.52
345.74
346.03
346.33
346.66
346.99
347.11
50.00
75.00
10.1
25.00
50.00
75.00
10.2
25.00
50.00
75.00
10.3
25.00
50.00
75.00
10.4
25.00
50.00
75.00
10.5
25.00
50.00
75.00
10.6
25.00
50.00
75.00
10.7
L= 30.00
R= 190.00
L= 43.11
L= 30.00
P= 9.71
L= 30.00
R= 220.00
L= 30.00
P= 51.76
L= 10.00
R= 66.00
P= 0.33
L= 10.00
L= 10.00
R= 205.00
L= 80.10
L= 20.00
P= 35.10
L= 40.00
R= 240.00
L= 40.00
P= 40.86
111.41
141.41
184.52
214.52
224.23
254.23
287.85
317.85
369.61
379.61
413.83
434.16
514.26
534.26
569.36
609.36
638.31
678.31


ASFALTOVÁ CESTA
PREČÍN
ASFALTOVÁ CESTA
DOMANIŽA
KM 10,876 000 EXISTUJÚCI PRIEPUST č. 29586/002 DN 600
KM 11,100 750 EXISTUJÚCI PRIEPUST č. 29840/003 DN 400
KM 11,150 000 NAPOJENIE NA CESTU III/1989
R= 10000.00
T= 14.909
Y= 0.011
R= 5000.00
T= 8.598
Y= 0.007
R= 3000.00
T= 8.649
Y= 0.012
R= 5000.00
T= 8.624
Y= 0.007
R= 8000.00
T= 33.534
Y= 0.070
R= 2800.00
T= 36.319
Y= 0.236
R= 2200.00
T= 38.102
Y= 0.330
62.34(26.69)
0.22%
0.52%
131.09(107.58)
23.44(6.19)
0.18%
0.76%
45.31(28.04)
1.10%
77.45(35.29)
0.26%
96.31(26.46)
2.86%
172.25(97.83)
-0.61%
10.730363
10.745272
10.760181
10.867764
10.876362
10.884960
10.891151
10.899800
10.908449
10.936485
10.945109
10.953733
10.989027
11.022561
11.056095
11.082555
11.118874
11.155193
11.253020
11.291122
11.315867
11.329224
347.236
347.922
347.964
348.306
349.159
349.412
354.332
354.141
10.71917
10.76917
10.84272
10.91272
10.98222
11.01222
11.05864
11.08864
2.5%
-7.0%
7.0%
347.19
347.27
347.39
347.52
347.65
347.78
347.91
347.98
348.15
348.36
348.64
348.90
349.10
349.23
349.30
349.42
349.75
350.31
351.02
351.73
352.44
353.16
353.76
354.08
354.12
347.18
347.27
347.43
347.47
347.62
347.79
347.93
347.97
348.15
348.38
348.62
348.86
349.10
349.20
349.30
349.44
349.73
350.37
351.03
351.68
352.38
353.18
353.74
354.08
354.13
336.0 Bpv
10.8
10.9
11.0
11.1
11.2
11.3
25.00
50.00
75.00
L= 50.00
R= 133.00
P= 0.01
R= 132.00
L= 70.00
P= 69.50
L= 30.00
R= 140.00
L= 46.42
P= 147.97
R= 3000.00
P= 46.17
R= 1500.00
719.17
769.17
810.47
810.48
842.72
912.72
982.22
12.22
58.64
88.64
236.62
259.99
306.16
335.02


ASFALTOVÁ CESTA
DOMANIŽA
ASFALTOVÁ CESTA
DOMANIŽA
KM 11,476 290 EXISTUJÚCI PRIEPUST Č. 30045/001 DN 600
210-00 KM 11,994 975 MOST Č. 517-010
R= 3500.00
T= 37.408
Y= 0.200
R= 5000.00
T= 23.998
Y= 0.058
R= 3000.00
T= 8.338
Y= 0.012
R= 2000.00
T= 7.499
Y= 0.014
R= 5000.00
T= 5.415
Y= 0.003
R= 2000.00
T= 12.767
Y= 0.041
R= 1500.00
T= 7.852
Y= 0.021
R= 3000.00
T= 5.659
Y= 0.005
R= 10000.00
T= 17.058
Y= 0.015
R= 15000.00
T= 21.424
Y= 0.015
217.90(142.39)
-0.61%
1.53%
65.10(3.70)
0.57%
79.11(46.78)
1.13%
81.85(66.02)
0.38%
59.49(46.58)
0.59%
0.36%
-0.01%
43.17(20.45)
0.33%
52.86(14.38)
0.61%
353.172
353.009
354.006
354.457
355.379
355.603
355.786
355.827
355.641
355.659
355.757
355.756
355.753
355.751
355.924
2.5%
-7.0%
6.5%
7.0%
11.4
11.5
11.6
11.7
11.8
11.9
12.0
P= 49.91
L= 30.00
R= 130.00
L= 30.00
P= 7.72
L= 50.00
R= 230.00
L= 43.11
L= 50.00
P= 122.00
L= 50.00
R= 100.00
L= 50.00
P= 151.77
384.93
414.93
452.61
482.61
490.33
540.33
583.44
633.44
755.44
805.44
812.29
862.29


ASFALTOVÁ CESTA
DOMANIŽA
ASFALTOVÁ CESTA
DOMANIŽA
KM 12,604 640 EXISTUJÚCI PRIEPUST č. 29760/002 DN 400
R= 2000.00
T= 6.215
Y= 0.010
R= 1000.00
T= 5.656
Y= 0.016
R= 3000.00
T= 6.127
Y= 0.006
R= 2000.00
T= 7.589
Y= 0.014
R= 2500.00
T= 25.821
Y= 0.133
R= 1500.00
T= 12.666
Y= 0.053
R= 10000.00
T= 19.038
Y= 0.018
R= 20000.00
T= 20.778
Y= 0.011
R= 20000.00
T= 50.627
Y= 0.064
66.62(38.98)
0.61%
0.61%
16.70(4.83)
1.23%
1.23%
2.37%
42.18(30.40)
2.37%
2.37%
20.99(7.27)
1.96%
1.96%
1.20%
72.78(39.37)
1.20%
1.20%
-0.87%
66.74(28.26)
-0.87%
-0.87%
0.82%
94.86(63.15)
0.82%
0.82%
0.44%
87.18(47.37)
0.44%
0.44%
0.65%
131.89(60.49)
0.65%
0.65%
0.14%
12.009085
12.048063
12.054278
12.060493
12.065323
12.070979
12.076635
12.107032
12.113159
12.119286
12.126557
12.134146
12.141735
12.181101
12.206922
12.211056
12.232743
12.260999
12.273665
12.274012
12.286331
12.349482
12.368520
12.387558
12.434925
12.455703
12.476481
12.536968
12.587595
356.332
356.538
357.536
357.947
358.819
358.689
358.240
358.293
359.019
359.403
360.258
12.01406
12.06406
2.5%
-6.0%
12.12440
12.12440
-6.0%
2.5%
12.47622
12.52622
12.53254
12.56254
2.5%
7.0% 7.0%
2.5%
356.15
356.31
356.63
357.22
357.77
358.14
358.44
358.66
358.65
358.45
358.29
358.46
358.66
358.87
359.04
359.16
359.27
359.38
359.53
359.69
359.85
360.01
360.14
360.24
356.13
356.31
356.63
357.21
357.79
358.16
358.60
358.99
358.67
358.44
358.25
358.45
358.67
358.85
359.02
359.16
359.27
359.41
359.55
359.72
359.83
360.02
360.11
360.29
25.00
50.00
75.00
12.1
25.00
50.00
75.00
12.2
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75.00
12.3
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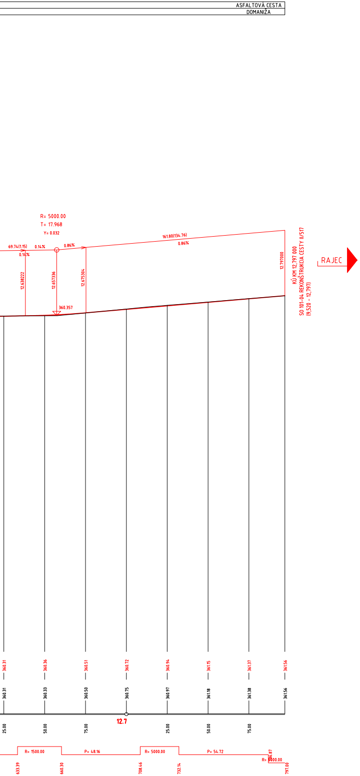
50.00
75.00
12.4
25.00
50.00
75.00
12.5
25.00
50.00
75.00
12.6
L= 50.00
14.06
64.06
R= 190.00
L= 60.34
124.40
L= 50.00
174.40
P= 96.42
R= 1500.00
270.82
295.25
P= 105.17
400.42
R= 3000.00
422.93
P= 53.28
476.22
L= 50.00
R= 140.00
526.22
532.54
L= 30.00
562.54
P= 70.85


ASFALTOVÁ CESTA
DOMANIŽA
R= 5000.00
T= 17.968
Y= 0.032
69.74(1.15)
0.14%
0.14%
0.86%
161.80(134.76)
0.86%
12.638222
12.657336
12.675304
12.797000
360.357
KÚ KM 12,797 000
SO 101-04 REKONŠTRUKCIA CESTY II/517
(9,520 - 12,797)
RAJEC
360.31
360.36
360.51
360.72
360.94
361.15
361.37
361.56
360.31
360.33
360.50
360.75
360.97
361.18
361.38
361.56
12.7
25.00
50.00
75.00
25.00
50.00
75.00
R= 1500.00
P= 48.16
R= 5000.00
P= 54.72
633.39
660.30
708.46
732.14
797.00

101-05

D

VYPRACOVAL: Ing. MONIKA JAKLOVSKÁ
HL. INŽ. PROJEKTU: Ing. MICHAL MATUŠKA
ZOD. PROJEKTANT: Ing. DUŠAN VONGREJ
TECH. KONTROLA: Ing. DUŠAN VONGREJ
OBJEDNÁVATEĽ: Trenčiansky samosprávny kraj, K dolnej stanici 7282/20A, 911 01 Trenčín
KRAJ: Trenčiansky samosprávny kraj
OKRES: POVAŽSKÁ BYSTRICA

ZHOTOVITEĽ:
AMBERG ENGINEERING
Somolického 1/B, 811 06 Bratislava I.
Telefón: +421 2 5930 8261
Fax: +421 2 5930 8260
E-mail: info@amberg.sk

STAVBA:
PROJEKT REKONŠTRUKCIA CESTY č. II/517 POVAŽSKÁ BYSTRICA (MOST ORLOVÉ) - DOMANIŽA

ČASŤ STAVBY:
REKONŠTRUKCIA CESTY II/517 - KM 9,520 - 12,797

PRÍLOHA:
POZDĹŽNY PROFIL

ČÍSLO ZÁKAZKY:	AP-2016/180/01
STUPEŇ:	DSP (DRS)
DÁTUM:	11/2016
FORMÁT:	36xA4
MIERKA:	1:1000/100
ČÍSLO PRÍLOHY:	03
SÚPRAVA:	