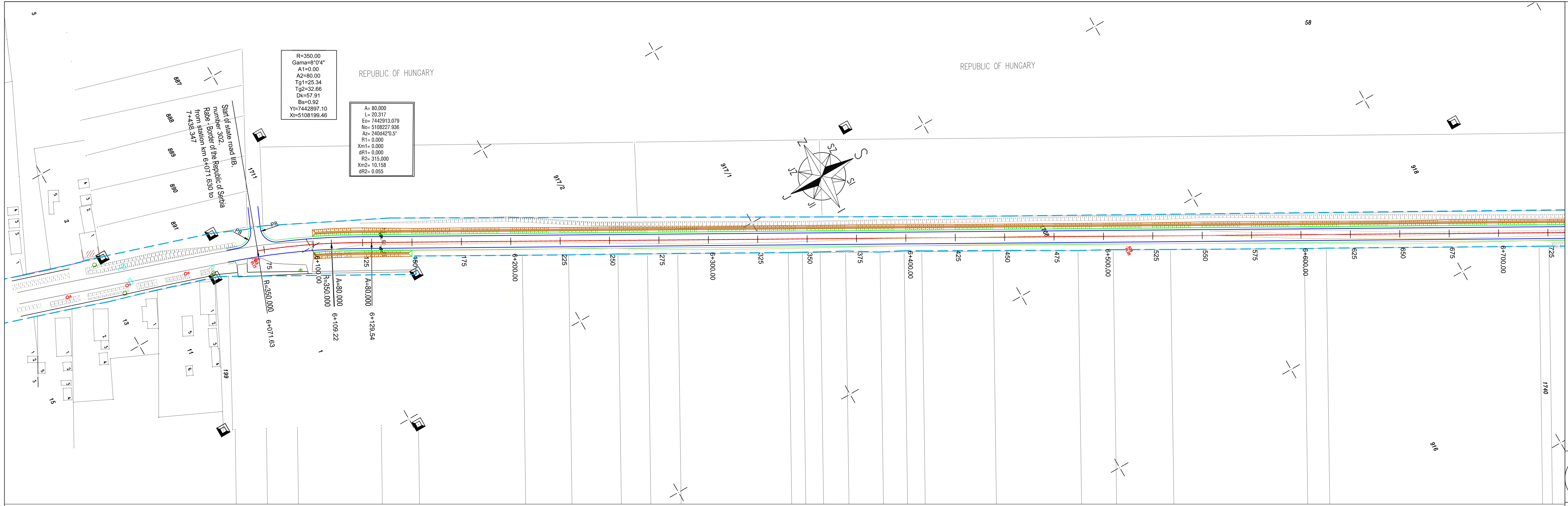
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A1=0.00
A2=80.00
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Bs=0.92
Yt=7442897.10
Xt=5108199.46
A= 80.000
L= 20.317
Eo= 7442913.079
No= 5108227.936
Az= 240d42'0.5"
R1= 0.000
Xm1= 0.000
dR1= 0.000
R2= 315.000
Xm2= 10.158
dR2= 0.055
REPUBLIC OF HUNGARY
REPUBLIC OF HUNGARY
Start of state road IIB, number 302, Rabe - Border of the Republic of Serbia from station km 6+071.630 to 7+438.347
887
888
889
890
891
1711
917/2
917/1
918
916
1740
58
199
R=350.000
6+071.63
R=350.000
6+109.22
A=80.000
A=80.000
6+129.54
75
6+100.00
125
150
175
6+200.00
225
250
275
6+300.00
325
350
375
6+400.00
425
450
475
6+500.00
525
550
575
6+600.00
625
650
675
6+700.00
725

Technical documentation for rehabilitation and increased maintenance of the state road II B class number 302, section: Rabe - Border of the Republic of Serbia

М. Станимировић

Марија Д. Станимировић
315 P 743 18

LEGENDA /LEGEND

🟥 - · - ·	PROJEKTOVANA OSOVINA/ PROPOSED CENTERLINE
🟦 ———	PROJEKTOVANA OSOVINA KOLOVOZA/ PROPOSED ROAD EDGE
🟩 ———	PROJEKTOVANA BANKINA/ PROPOSED SHOULDER

ARHITEKTONSKO- GRAĐEVINSKI INSTITUT
Dr. Đorđa Joanovića 4/7; 21000 Novi Sad
Tel/Fax: +381 21 511-551
e-mail: office@aginstitut.com;
web: www.aginstitut.com <http://www.aginstitut.com>

Investor:
PE " URBAN AND SPATIAL PLANNING INSTITUTE OF VOJVODINA"
Železnička No. 6/III; 21000 Novi Sad

Subject of the project:
State road II B, number 302,
part Rabe - Border of the Republic of Serbia
from km 6+071.630 to 7+438.347

Design check:
Marija Stanimirović, civil engineer

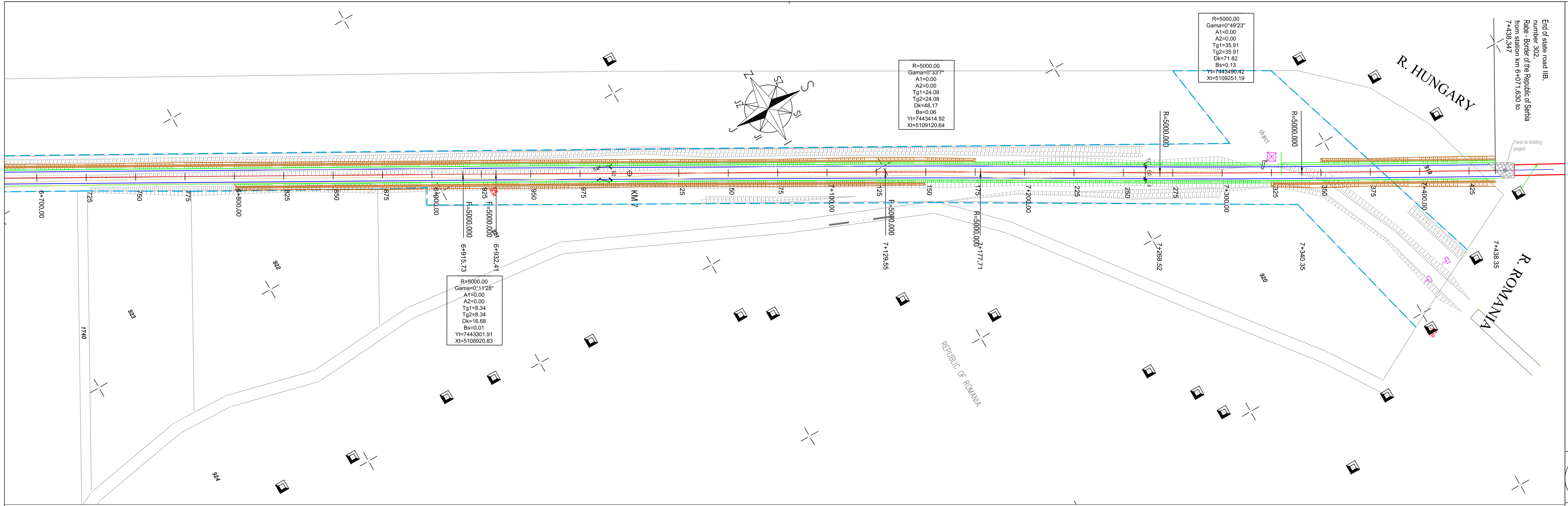
Licence number:
315 P 743 18

Designers:

Drawing name:
ROAD LAYOUT PLAN

Part of Project:
CIVIL ENGINEERING - ROAD DESIGN

Date:	Scale:	Project number:	Drawing No:
2018.	R=1:1000	E 0109/18-V	1.1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Xt=5109120.64
R=5000.00
Gama=0°49'23"
A1=0.00
A2=0.00
Tg1=35.91
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Dk=71.82
Bs=0.13
Yt=7443490.42
Xt=5109251.19
R=5000.00
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A1=0.00
A2=0.00
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Dk=16.68
Bs=0.01
Yt=7443301.91
Xt=5108920.83
End of state road IIB, number 302, Rabe - Border of the Republic of Serbia from station km 6+071.630 to 7+438.347
Tie-in to existing project
R. HUNGARY
R. ROMANIA
REPUBLIC OF ROMANIA
KM 7
6+700.00
725
750
775
6+800.00
825
850
875
6+900.00
925
950
975
25
50
75
7+100.00
125
150
175
7+200.00
225
250
275
7+300.00
325
350
375
7+400.00
425
R=5000.000
6+915.73
6+932.41
7+129.55
7+177.71
7+268.52
7+340.35
7+438.35
922
923
924
1740
920
919

LEGENDA /LEGEND

PROJEKTOVANA OSOVINA/ PROPOSED CENTERLINE
PROJEKTOVANA OSOVINA KOLOVOZA/ PROPOSED ROAD EDGE
PROJEKTOVANA BANKINA/ PROPOSED SHOULDER

Technical documentation for rehabilitation and increased maintenance of the state road II B class number 302, section: Rabe - Border of the Republic of Serbia

M. Станимировић

Марија Д. Станимировић
315 P743 18

ARHITEKTONSKO- GRAĐEVINSKI INSTITUT
Dr. Đorđa Joanovića 4/7; 21000 Novi Sad
Tel/Fax: +381 21 511-551
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web: www.aginstitut.com <http://www.aginstitut.com>

Investor:
PE " URBAN AND SPATIAL PLANNING INSTITUTE OF VOJVODINA"
Železnička No. 6/III; 21000 Novi Sad

Subject of the project:
State road II B, number 302,
part Rabe - Border of the Republic of Serbia
from km 6+071.630 to 7+438.347

Design check:
Marija Stanimirović, civil engineer

Licence number:
315 P 743 18

Designers:

Drawing name:
ROAD LAYOUT PLAN

Part of Project:
CIVIL ENGINEERING - ROAD DESIGN

Date:	Scale:	Project number:	Drawing No:
2018.	R=1:1000	E 0109/18-V	1.2
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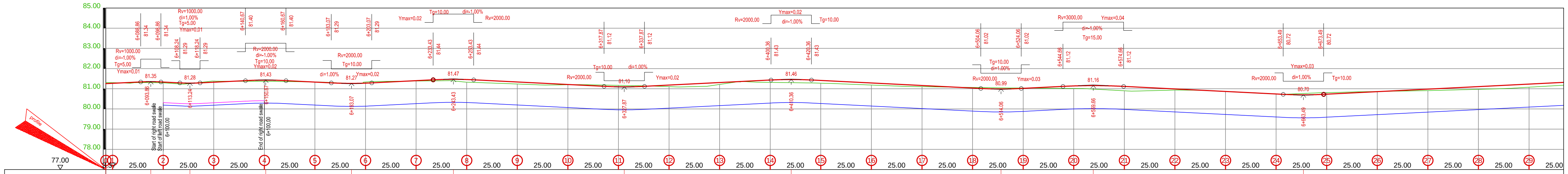
85.00
84.00
83.00
82.00
81.00
80.00
79.00
78.00
77.00
profile
Start of right road swale
Start of left road swale
6+100.00
End of right road swale
6+150.00
Rv=1000.00
di=1.00%
Tg=5.00
Ymax=0.01
Rv=2000.00
Tg=10.00
Ymax=0.02
Rv=3000.00
Ymax=0.04
Tg=15.00
81.35
81.28
81.43
81.27
81.47
81.10
81.46
80.99
81.16
80.70
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
25.00

Nagibi nivelete / Grades: +71.63 81.25; 0.50% 22.23; +93.86 81.36; 0.50% 19.38; +13.24 81.27; 0.50% 37.43; +50.67 81.45; 0.50% 42.40; +93.07 81.24; 0.50% 50.36; +43.43 81.49; 0.50% 84.44; +27.87 81.07; 0.50% 82.49; +10.36 81.48; 0.50% 103.70; +14.06 80.97; 0.50% 45.59; +59.66 81.19; 0.50% 103.84; +63.49 80.67; 0.50% 208.04

Kote / Levels

Stacionaža Station	71.63	75	1	125	150	175	2	225	250	275	3	325	350	375	4
Nivelete Proposed			81.33	81.33	81.43	81.33	81.28	81.40	81.46	81.34	81.21	81.10	81.18	81.31	81.43
Terena Existing	81.30	81.30	81.29	81.38	81.37	81.33	81.33	81.38	81.33	81.23	81.20	81.17	81.11	81.22	81.32
Kanal levo Left swale			80.19	80.19	80.29	80.19	80.14	80.26	80.32	80.20	80.07	79.96	80.04	80.17	80.29
Kanal desno Right swale			80.31	80.31	80.41										

Stacionaža Station	425	450	475	5	525	550	575	6	625	650	675	7	725	750	775
Nivelete Proposed	81.41	81.29	81.16	81.04	81.02	81.14	81.12	80.99	80.87	80.74	80.73	80.86	80.98	81.11	81.23
Terena Existing	81.28	81.19	81.10	81.07	81.04	81.02	80.90	80.94	80.87	80.74	80.81	80.86	80.91	80.97	81.08
Kanal levo Left swale	80.27	80.15	80.02	79.90	79.88	80.00	79.98	79.85	79.73	79.60	79.59	79.72	79.84	79.97	80.09
Kanal desno Right swale															

Zakrivljenost 1/R / Curvature 1/R: +71.63 R=350.00 Lk=37.59; +9.22 A=80.00 La=20.32; +29.54 Lp=786.20

Poprečni pad / Cross fall: 2.50%

LEGENDA /LEGEND

- PROJEKTOVANA NIVELETA/ PROPOSED CENTERLINE
- LINIJA TERENA /EXISTING SURFACE
- KANAL LEVO/ LEFT SWALE
- KANAL DESNO/ RIGHT SWALE

Technical documentation for rehabilitation and increased maintenance of the state road II B class number 302, section: Rabe - Border of the Republic of Serbia

М. Станимировић

Марија Д. Станимировић
315 P 743 18

ARHITEKTONSKO- GRAĐEVINSKI INSTITUT
Dr. Đorđa Joanovića 4/7; 21000 Novi Sad
Tel/Fax: +381 21 511-551
e-mail: office@aginstitut.com;
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Investor:
PE " URBAN AND SPATIAL PLANNING INSTITUTE OF VOJVODINA"
Železnička No. 6/III; 21000 Novi Sad

Subject of the project:
State road II B, number 302,
part Rabe - Border of the Republic of Serbia
from km 6+071.630 to 7+438.347

Design check:
Marija Stanimirović, civil engineer

Licence number:
315 P 743 18

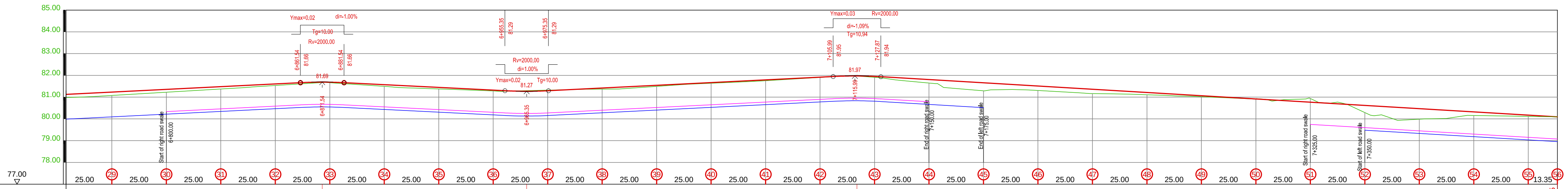
Designers:

Drawing name:
LONGITUDINAL SECTION (6+071.630-6+771.630)

Part of Project:
CIVIL ENGINEERING - ROAD DESIGN

Date:	Scale:	Project number:	Drawing No:
2018.	R=1:1000/100	E 0109/18-V	2.1

Technical documentation for rehabilitation and increased maintenance of the state road II B class number 302, section: Rabe - Border of the Republic of Serbia


85.00
84.00
83.00
82.00
81.00
80.00
79.00
78.00
77.00
Ymax=0.02
di=-1.00%
Tg=10.00
Rv=2000.00
6+861.54
81.66
6+881.54
81.66
81.69
6+871.54
6+955.35
81.29
6+975.35
81.29
Rv=2000.00
di=1.00%
Ymax=0.02
81.27
Tg=10.00
6+965.35
Start of right road swale
6+800.00
Ymax=0.03
Rv=2000.00
di=-1.09%
Tg=10.94
7+105.99
81.95
7+127.87
81.94
81.97
7+115.99
End of right road swale
7+150.00
End of left road swale
7+175.00
Start of right road swale
7+325.00
Start of left road swale
7+350.00
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
25.00
13.35

Nagibi nivelete
Grades

0.50% 208.04
+71.54 81.71
0.50% 93.82
+65.35 81.24
0.50% 151.58
+16.93 82.00
0.59% 321.42
+38.35 80.09

Kote Levels	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
Nivelete Proposed	81.23	81.36	81.48	81.61	81.69	81.57	81.45	81.32	81.29	81.42	81.54	81.67	81.79	81.92	81.95	81.81	81.66	81.51	81.36	81.21	81.06	80.92	80.77	80.62	80.47	80.32	80.17	80.09
Terena Existing	81.08	81.23	81.37	81.53	81.66	81.50	81.38	81.28	81.32	81.37	81.49	81.64	81.75	81.90	81.91	81.65	81.29	81.30	81.16	81.11	81.02	80.91	80.94	80.29	79.99	80.16	80.15	80.09
Kanal levo Left swale	80.09	80.22	80.34	80.47	80.55	80.43	80.31	80.18	80.15	80.28	80.40	80.53	80.65	80.78	80.81	80.67	80.52							79.48	79.33	79.18	79.03	78.95
Kanal desno Right swale		80.34	80.46	80.59	80.67	80.55	80.43	80.30	80.27	80.40	80.52	80.65	80.77	80.90	80.93	80.79							79.75	79.60	79.45	79.30	79.15	79.07
Stacionaža Station	775	8	825	850	875	9	925	950	975	KM 7	25	50	75	1	125	150	175	2	225	250	275	3	325	350	375	4	425	438.35

Zakrivljenost 1/R
Curvature 1/R

R=5000.00
Lk=16.68
+15.73
+32.41
Lp=197.13
R=5000.00
Lk=48.17
+29.55
+77.71
Lp=90.81
+68.52
Lk=71.82
R=5000.00
+40.35
Lp=98.00

Poprečni pad
Cross fall

LEGENDA /LEGEND

PROJEKTOVANA NIVELETA/ PROPOSED CENTERLINE
LINIJA TERENA /EXISTING SURFACE
KANAL LEVO/ LEFT SWALE
KANAL DESNO/ RIGHT SWALE

М. Станимировић

ИНЖЕЊЕРСКА КОМОРА СРБИЈЕ
Марија Д. Станимировић
дипл. грађ. инж.
315 P743 18
ОДГОВОРНИ ПРОЈЕКТАНТ

ARHITEKTONSKO- GRAĐEVINSKI INSTITUT
Dr. Đorđa Joanovića 4/7; 21000 Novi Sad
Tel/Fax: +381 21 511-551
e-mail: office@aginstitut.com;
web: www.aginstitut.com <http://www.aginstitut.com>

Investor:
PE " URBAN AND SPATIAL PLANNING INSTITUTE OF VOJVODINA"
Železnička No. 6/III; 21000 Novi Sad

Subject of the project:
State road II B, number 302,
part Rabe - Border of the Republic of Serbia
from km 6+071.630 to 7+438.347

Design check:
Marija Stanimirović, civil engineer

Licence number:
315 P 743 18

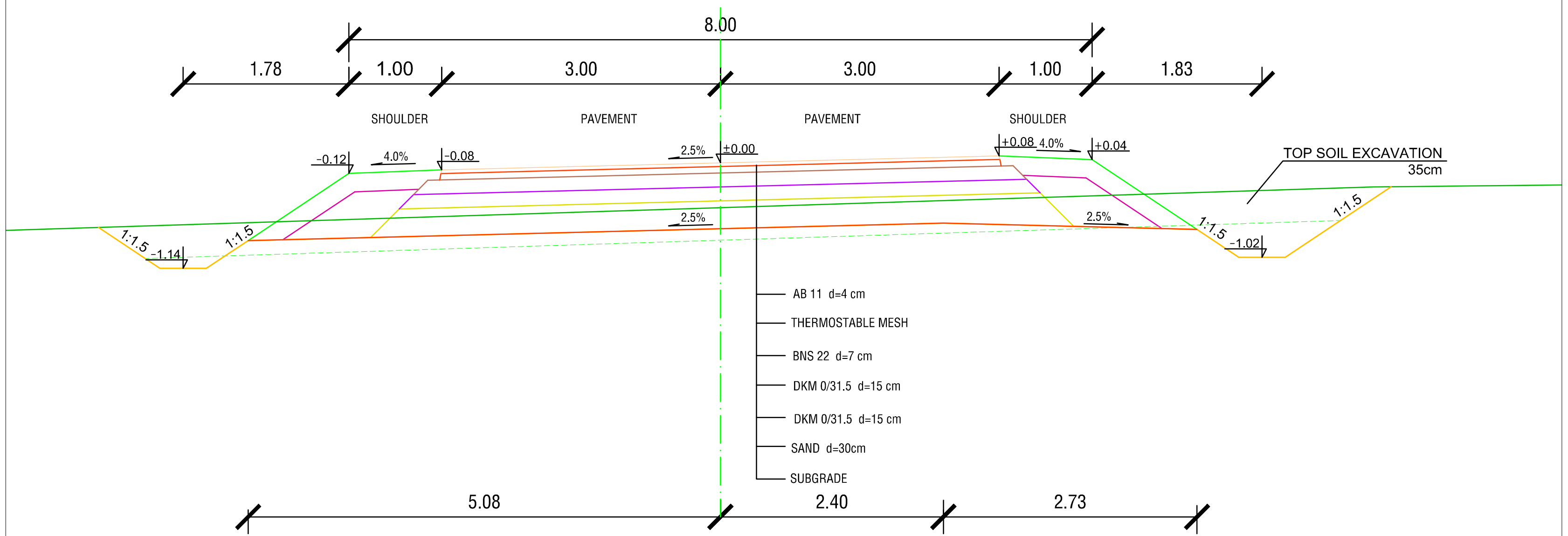
Designers:

Drawing name:
LONGITUDINAL SECTION (6+771.630-7+438.347)

Part of Project:
CIVIL ENGINEERING - ROAD DESIGN

Date:	**Scale:**	**Project number:**	**Drawing No:**
2018.	R=1:1000/100	E 0109/18-V	2.2

TYPICAL CROSS SECTION


8.00
1.78
1.00
3.00
3.00
1.00
1.83
SHOULDER
PAVEMENT
PAVEMENT
SHOULDER
-0.12
4.0%
-0.08
2.5%
+0.00
+0.08
4.0%
+0.04
TOP SOIL EXCAVATION
35cm
1:1.5
-1.14
1:1.5
2.5%
2.5%
1:1.5
-1.02
1:1.5
AB 11 d=4 cm
THERMOSTABLE MESH
BNS 22 d=7 cm
DKM 0/31.5 d=15 cm
DKM 0/31.5 d=15 cm
SAND d=30cm
SUBGRADE
5.08
2.40
2.73

Technical documentation for rehabilitation and increased maintenance of the state road II B class number 302, section: Rabe - Border of the Republic of Serbia

М. Станимировић

Инжењерска комора Србије
Марија Д. Станимировић
дипл. грађ. инж.
315 Р743 18
Одговорни пројектант

ARHITEKTONSKO- GRAĐEVINSKI INSTITUT
Dr. Đorđa Joanovića 4/7; 21000 Novi Sad
Tel/Fax: +381 21 511-551
e-mail: office@aginstitut.com;
web: www.aginstitut.com <http://www.aginstitut.com>

Investor:
PE " URBAN AND SPATIAL PLANNING INSTITUTE OF VOJVODINA"
Železnička No. 6/III; 21000 Novi Sad

Design check:
Marija Stanimirović, civil engineer

Licence number:
315 P 743 18

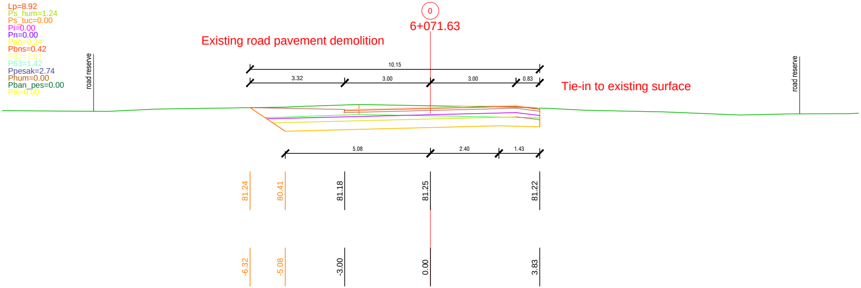
Subject of the project:
State road II B, number 302,
part Rabe - Border of the Republic of Serbia
from km 6+071.630 to 7+438.347

Designers:

Drawing name:
TYPICAL CROSS SECTION

Part of Project:
CIVIL ENGINEERING - ROAD DESIGN

Date:	**Scale:**	**Project number:**	**Drawing No:**
2018.	R=1:50	E 0109/18-V	3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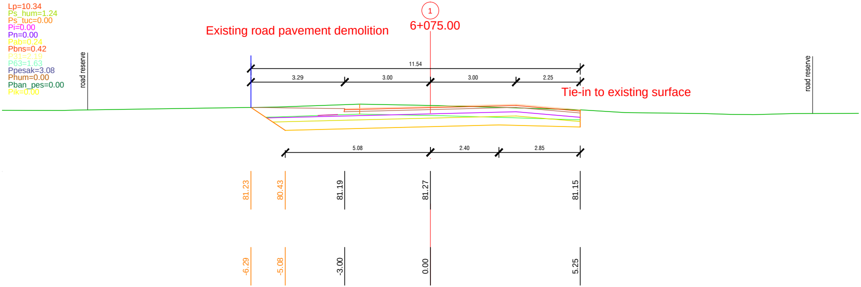
Ppesak=2.74
Phum=0.00
Pban_pes=0.00
Pik=0.00
0
6+071.63
Existing road pavement demolition
road reserve
10.15
3.32
3.00
3.00
0.83
Tie-in to existing surface
road reserve
5.08
2.40
1.43
81.24
80.41
81.18
81.25
81.22
-6.32
-5.08
-3.00
0.00
3.83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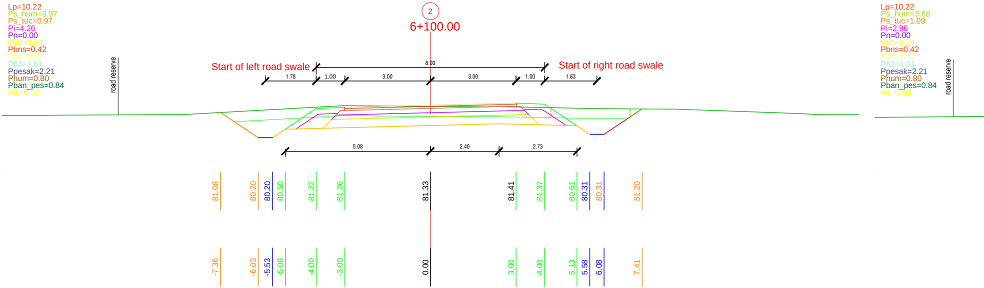
P31=2.19
P63=1.63
Ppesak=3.08
Phum=0.00
Pban_pes=0.00
Pik=0.00
1
6+075.00
Existing road pavement demolition
road reserve
11.54
3.29
3.00
3.00
2.25
Tie-in to existing surface
road reserve
5.08
2.40
2.85
81.23
80.43
81.19
81.27
81.15
-6.29
-5.08
-3.00
0.00
5.25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Pbns=0.42
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P63=1.01
Ppesak=2.21
Phum=0.80
Pban_pes=0.84
Pik=0.52
road reserve
2
6+100.00
Start of left road swale
Start of right road swale
8.00
1.78
1.00
3.00
3.00
1.00
1.83
5.08
2.40
2.73
81.08
80.20
80.20
80.50
81.22
81.26
81.33
81.41
81.37
80.61
80.31
80.31
81.20
-7.36
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13
5.58
6.08
7.41
Lp=10.22
Ps_hum=3.68
Ps_tuc=1.09
Pi=2.96
Pn=0.00
Pab=0.24
Pbns=0.42
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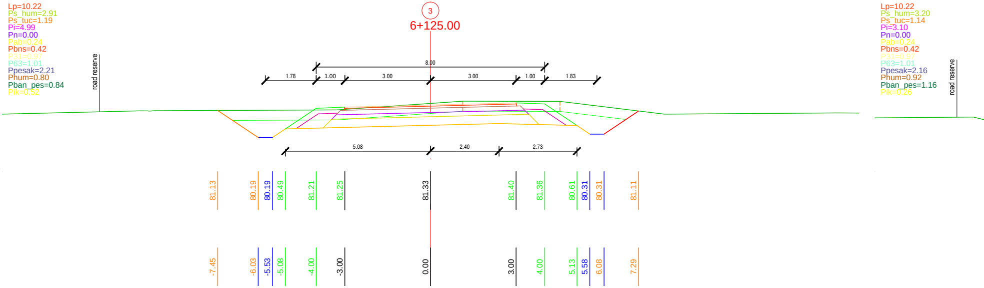
Pban_pes=0.84
Pik=0.52
road reserve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Pn=0.00
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Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.21
Phum=0.80
Pban_pes=0.84
Pik=0.52
road reserve
3
6+125.00
8.00
1.78
1.00
3.00
3.00
1.00
1.83
5.08
2.40
2.73
81.13
80.19
80.19
80.49
81.21
81.25
81.33
81.40
81.36
80.61
80.31
80.31
81.11
-7.45
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13
5.58
6.08
7.29
Lp=10.22
Ps_hum=3.20
Ps_tuc=1.14
Pi=3.10
Pn=0.00
Pab=0.24
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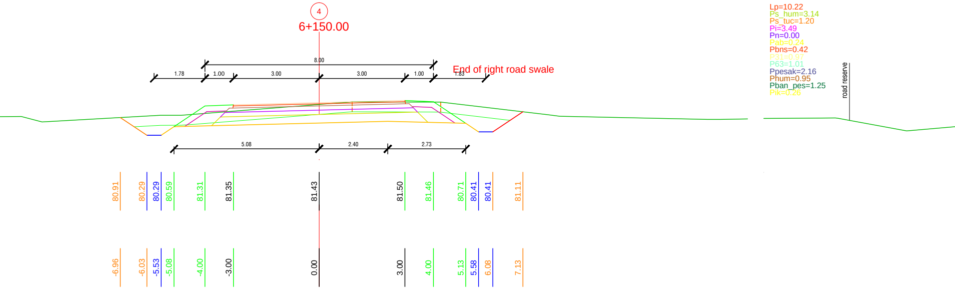
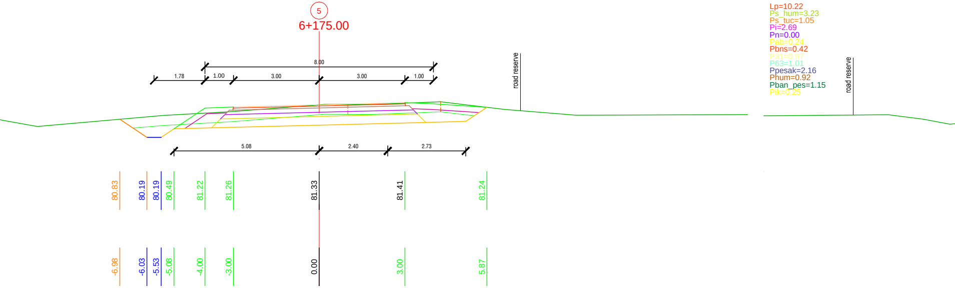
road reserve

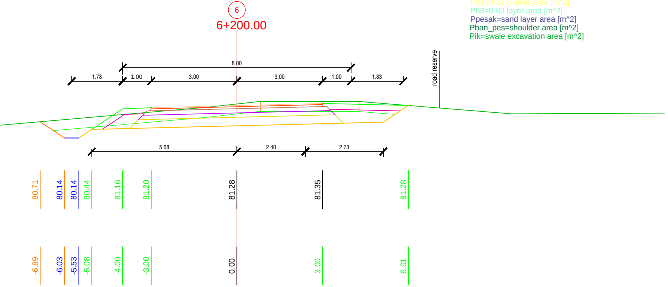

4
6+150.00
8.00
1.78
1.00
3.00
3.00
1.00
1.83
End of right road swale
road reserve
5.08
2.40
2.73
80.91
80.29
80.29
80.59
81.31
81.35
81.43
81.50
81.46
80.71
80.41
80.41
81.11
-6.96
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13
5.58
6.08
7.13

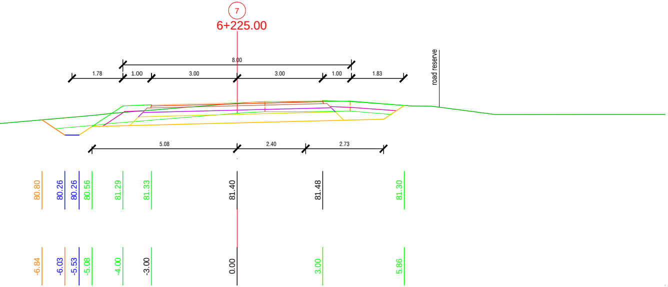
Lp=10.22
Ps_hum=3.14
Ps_tuc=1.20
Pi=3.49
Pn=0.00
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.16
Phum=0.95
Pban_pes=1.25
Pik=0.26


5
6+175.00
8.00
1.78
1.00
3.00
3.00
1.00
road reserve
road reserve
5.08
2.40
2.73
80.83
80.19
80.19
80.49
81.22
81.26
81.33
81.41
81.24
-6.98
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
5.87

Lp=10.22
Ps_hum=3.23
Ps_tuc=1.05
Pi=2.69
Pn=0.00
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.16
Phum=0.92
Pban_pes=1.15
Pik=0.25

Lp=Length of subgrade [m']
Ps_hum=Top soil excavation area [m^2]
Ps_tuc=Excavation of the existing crushed stone area [m^2]
Pi=cut area [m^2]
Pn=fill area [m^2]
Pab=AB area [m^2]
Pbns=BNS area [m^2]
P31=0-31.5 layer area [m^2]
P63=0-63 layer area [m^2]
Ppesak=sand layer area [m^2]
Pban_pes=shoulder area [m^2]
Pik=swale excavation area [m^2]


6
6+200.00
8.00
1.78
1.00
3.00
3.00
1.00
1.83
road reserve
5.08
2.40
2.73
80.71
80.14
80.14
80.44
81.16
81.20
81.28
81.35
81.28
-6.89
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
6.01


7
6+225.00
8.00
1.78
1.00
3.00
3.00
1.00
1.83
road reserve
5.08
2.40
2.73
80.80
80.26
80.26
80.56
81.29
81.33
81.40
81.48
81.30
-6.84
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
5.86

Technical documentation for rehabilitation and increased maintenance of the state road II B class number 302, section: Rabe - Border of the Republic of Serbia

ИНЖЕЊЕРСКА КОМОРА СРБИЈЕ
Марија Д. Станимировић
дипл. грађ. инж.
315 P743 18
ОДГОВОРНИ ПРОЈЕКТАНТ

М. Станимировић

ARHITEKTONSKO- GRAĐEVINSKI INSTITUT
Dr. Đorđa Joanovića 4/7; 21000 Novi Sad
Tel/Fax: +381 21 511-551
e-mail: office@aginstitut.com;
web: www.aginstitut.com <http://www.aginstitut.com>

Investor:
PE “ URBAN AND SPATIAL PLANNING INSTITUTE OF VOJVODINA“
Železnička No. 6/III; 21000 Novi Sad

Subject of the project:
State road II B, number 302,
part Rabe - Border of the Republic of Serbia
from km 6+071.630 to 7+438.347

Design check:
Marija Stanimirović, civil engineer

Licence number:
315 P 743 18

Designers:

Drawing name:
CROSS SECTIONS (6+071.63-6+225.00)

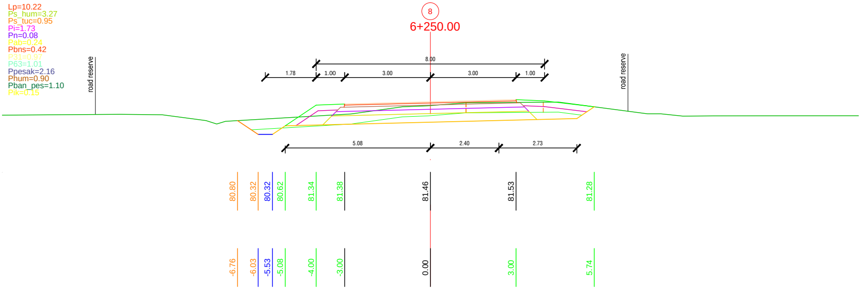
Part of Project:
CIVIL ENGINEERING - ROAD DESIGN

Date:
2018.

Scale:
R=1:100

Project number:
E 0109/18-V

Drawing No:
4.1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Ps_tuc=0.95
Pi=1.73
Pn=0.08
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.16
Phum=0.90
Pban_pes=1.10
Pik=0.15
8
6+250.00
road reserve
road reserve
8.00
1.78
1.00
3.00
3.00
1.00
5.08
2.40
2.73
80.80
80.32
80.32
80.62
81.34
81.38
81.46
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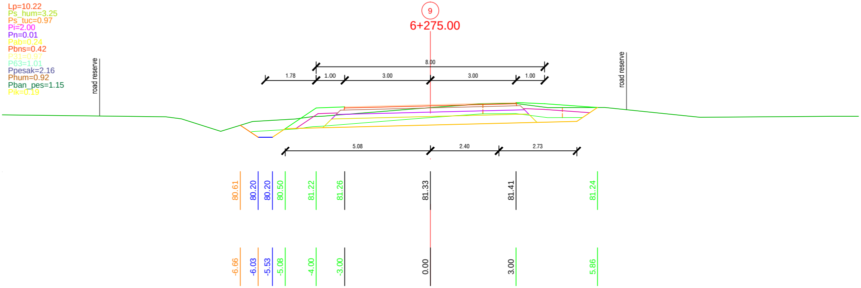
5.74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Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.16
Phum=0.92
Pban_pes=1.15
Pik=0.19
9
6+275.00
road reserve
road reserve
8.00
1.78
1.00
3.00
3.00
1.00
5.08
2.40
2.73
80.61
80.20
80.20
80.50
81.22
81.26
81.33
81.41
81.24
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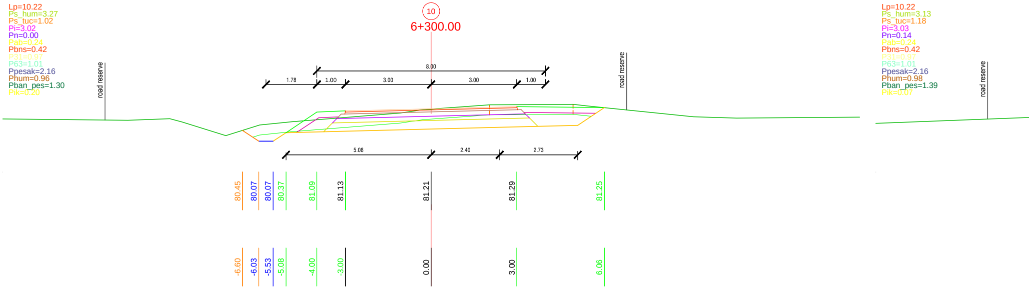
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
5.86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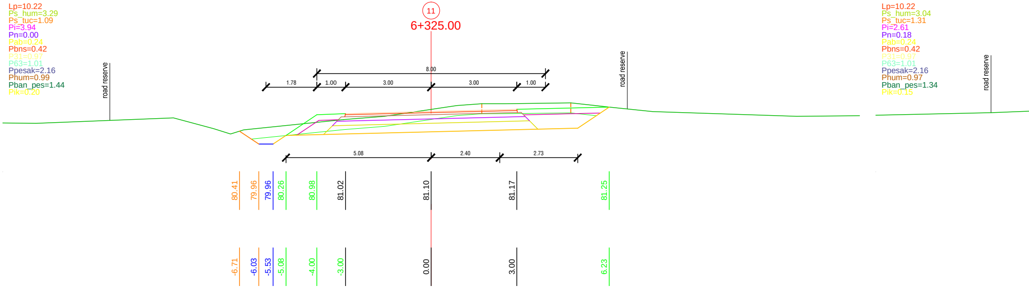
Ps_tuc=1.02
Pi=3.02
Pn=0.00
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.16
Phum=0.96
Pban_pes=1.30
Pik=0.20

Lp=10.22
Ps_hum=3.13
Ps_tuc=1.18
Pi=3.03
Pn=0.14
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.16
Phum=0.98
Pban_pes=1.39
Pik=0.07

10
6+300.00
road reserve
road reserve
road reserve
8.00
1.78
1.00
3.00
3.00
1.00
5.08
2.40
2.73
80.45
80.07
80.07
80.37
81.09
81.13
81.21
81.29
81.25
-6.60
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
6.06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Ps_tuc=1.09
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Pn=0.00
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.16
Phum=0.99
Pban_pes=1.44
Pik=0.20

Lp=10.22
Ps_hum=3.04
Ps_tuc=1.31
Pi=2.61
Pn=0.18
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.16
Phum=0.97
Pban_pes=1.34
Pik=0.15

11
6+325.00
road reserve
road reserve
road reserve
8.00
1.78
1.00
3.00
3.00
1.00
5.08
2.40
2.73
80.41
79.96
79.96
80.26
80.98
81.02
81.10
81.17
81.25
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-6.03
-5.53
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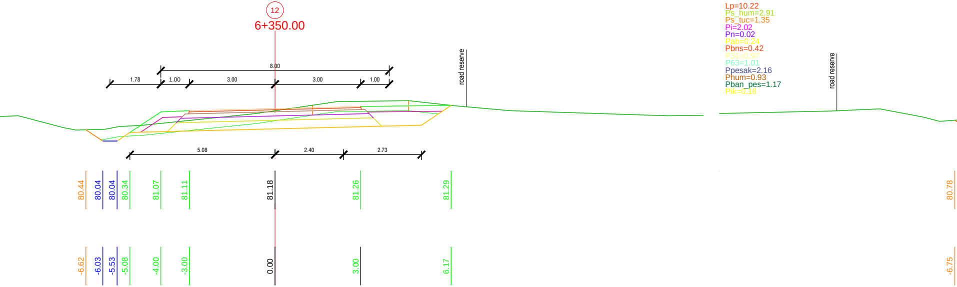
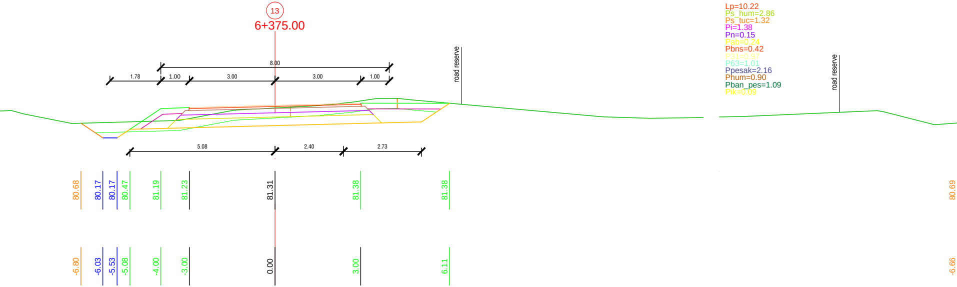
-4.00
-3.00
0.00
3.00
6.23

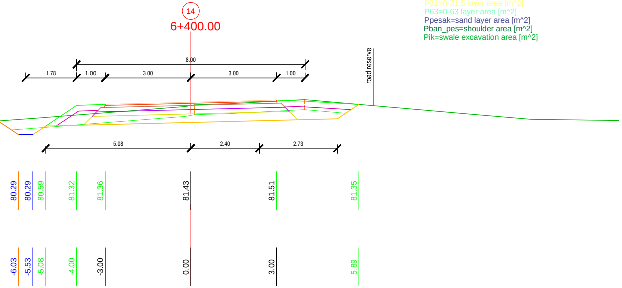

12
6+350.00
8.00
1.78
1.00
3.00
3.00
1.00
road reserve
road reserve
5.08
2.40
2.73
80.44
80.04
80.04
80.34
81.07
81.11
81.18
81.26
81.29
80.78
-6.62
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
6.17
-6.75

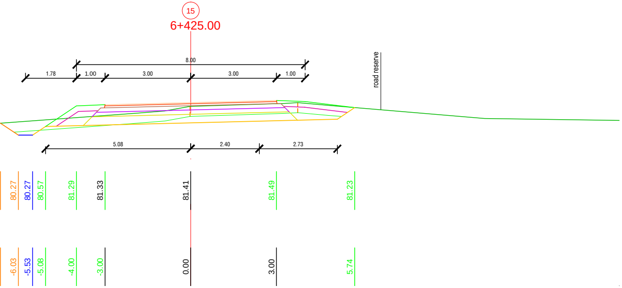
Lp=10.22
Ps_hum=2.91
Ps_tuc=1.35
Pi=2.02
Pn=0.02
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.16
Phum=0.93
Pban_pes=1.17
Pik=0.16


13
6+375.00
8.00
1.78
1.00
3.00
3.00
1.00
road reserve
road reserve
5.08
2.40
2.73
80.68
80.17
80.17
80.47
81.19
81.23
81.31
81.38
81.38
80.69
-6.80
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
6.11
-6.66

Lp=10.22
Ps_hum=2.86
Ps_tuc=1.32
Pi=1.38
Pn=0.15
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.16
Phum=0.90
Pban_pes=1.09
Pik=0.09

Lp=Length of subgrade [m']
Ps_hum=Top soil excavation area [m^2]
Ps_tuc=Excavation of the existing crushed stone area [m^2]
Pi=cut area [m^2]
Pn=fill area [m^2]
Pab=AB area [m^2]
Pbns=BNS area [m^2]
P31=0-31.5 layer area [m^2]
P63=0-63 layer area [m^2]
Ppesak=sand layer area [m^2]
Pban_pes=shoulder area [m^2]
Pik=swale excavation area [m^2]


14
6+400.00
8.00
1.78
1.00
3.00
3.00
1.00
road reserve
5.08
2.40
2.73
80.29
80.29
80.59
81.32
81.36
81.43
81.51
81.35
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
5.89


15
6+425.00
8.00
1.78
1.00
3.00
3.00
1.00
road reserve
5.08
2.40
2.73
80.27
80.27
80.57
81.29
81.33
81.41
81.49
81.23
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
5.74

Technical documentation for rehabilitation and increased maintenance of the state road II B class number 302, section: Rabe - Border of the Republic of Serbia

ИНЖЕЊЕРСКА КОМОРА СРБИЈЕ
Марија Д. Станимировић
дипл. грађ. инж.
315 Р743 18
ОДГОВОРНИ ПРОЈЕКТАНТ

М. Станимировић

ARHITEKTONSKO- GRAĐEVINSKI INSTITUT
Dr. Đorđa Joanovića 4/7; 21000 Novi Sad
Tel/Fax: +381 21 511-551
e-mail: office@aginstitut.com;
web: www.aginstitut.com <http://www.aginstitut.com>

Investor:
PE " URBAN AND SPATIAL PLANNING INSTITUTE OF VOJVODINA"
Železnička No. 6/III; 21000 Novi Sad

Subject of the project:
State road II B, number 302,
part Rabe - Border of the Republic of Serbia
from km 6+071.630 to 7+438.347

Design check:
Marija Stanimirović, civil engineer

Licence number:
315 P 743 18

Designers:

Drawing name:
CROSS SECTIONS (6+250.00-6+425.00)

Part of Project:
CIVIL ENGINEERING - ROAD DESIGN

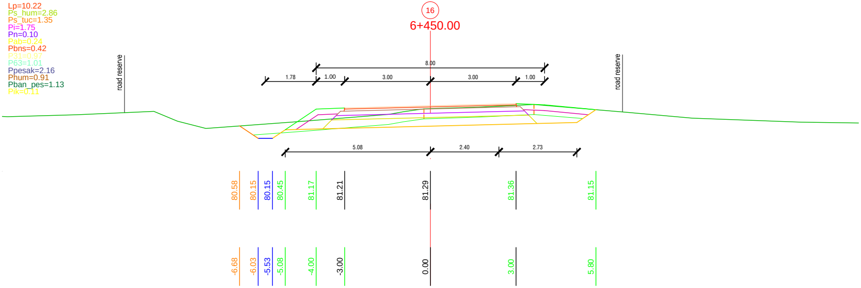
Date:
2018.

Scale:
R=1:100

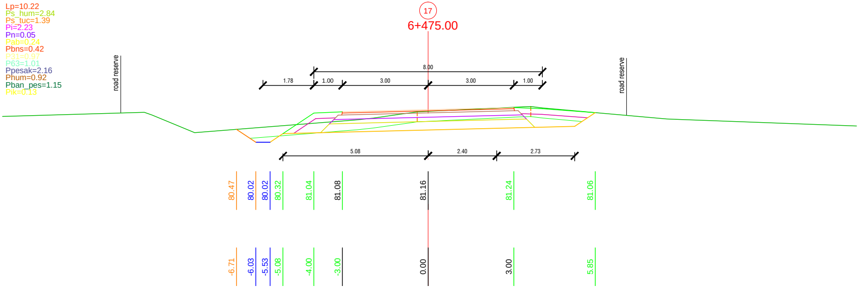
Project number:
E 0109/18-V

Drawing No:
4.2

Lp=10.22
Ps_hum=2.86
Ps_tuc=1.35
Pi=1.75
Pn=0.10
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.16
Phum=0.91
Pban_pes=1.13
Pik=0.11


16
6+450.00
road reserve
road reserve
8.00
1.78
1.00
3.00
3.00
1.00
5.08
2.40
2.73
80.58
80.15
80.15
80.45
81.17
81.21
81.29
81.36
81.15
-6.68
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
5.80

Lp=10.22
Ps_hum=2.84
Ps_tuc=1.39
Pi=2.23
Pn=0.05
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.16
Phum=0.92
Pban_pes=1.15
Pik=0.13


17
6+475.00
road reserve
road reserve
8.00
1.78
1.00
3.00
3.00
1.00
5.08
2.40
2.73
80.47
80.02
80.02
80.32
81.04
81.08
81.16
81.24
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-5.08
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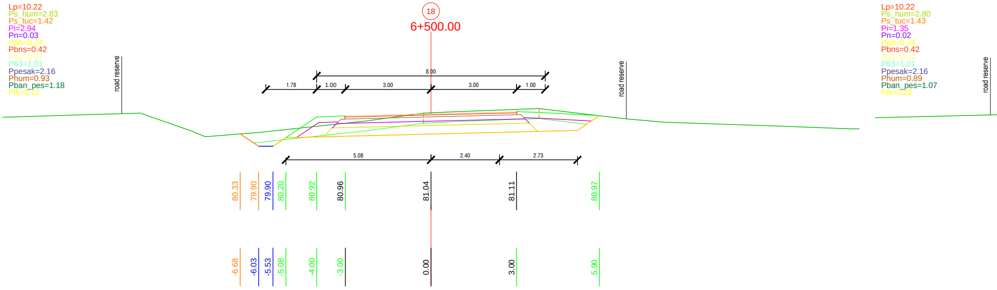
-3.00
0.00
3.00
5.85


Lp=10.22
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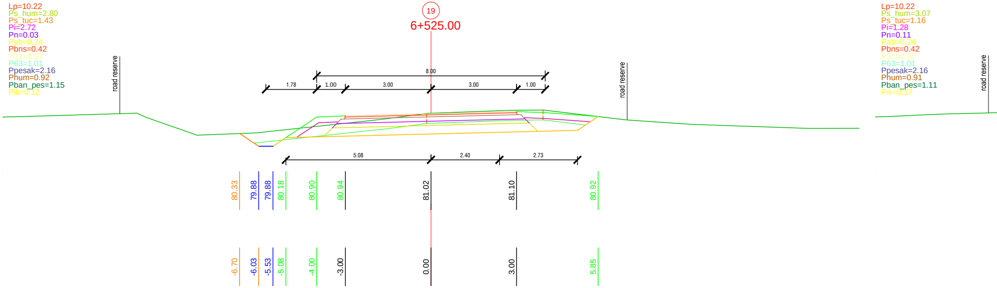
Ps_tuc=1.42
Pi=2.94
Pn=0.03
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.16
Phum=0.93
Pban_pes=1.18
Pik=0.12
road reserve
18
6+500.00
8.00
1.78
1.00
3.00
3.00
1.00
road reserve
5.08
2.40
2.73
80.33
79.90
79.90
80.20
80.92
80.96
81.04
81.11
80.97
-6.68
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
5.90
Lp=10.22
Ps_hum=2.80
Ps_tuc=1.43
Pi=1.35
Pn=0.02
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.16
Phum=0.89
Pban_pes=1.07
Pik=0.22
road reserve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Ps_hum=2.80
Ps_tuc=1.43
Pi=2.72
Pn=0.03
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.16
Phum=0.92
Pban_pes=1.15
Pik=0.12
road reserve
19
6+525.00
8.00
1.78
1.00
3.00
3.00
1.00
road reserve
5.08
2.40
2.73
80.33
79.88
79.88
80.18
80.90
80.94
81.02
81.10
80.92
-6.70
-6.03
-5.53
-5.08
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0.00
3.00
5.85
Lp=10.22
Ps_hum=3.07
Ps_tuc=1.16
Pi=1.28
Pn=0.11
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
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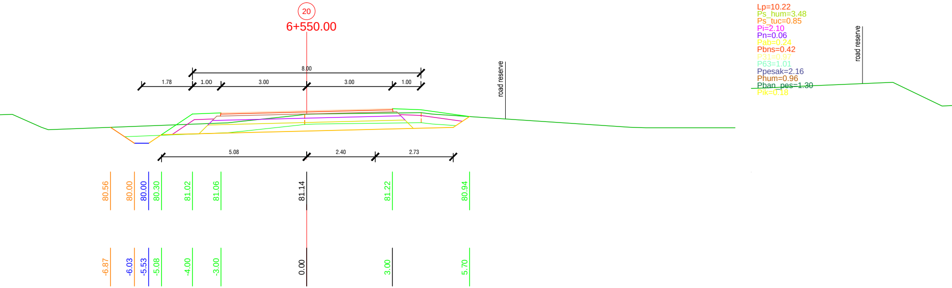
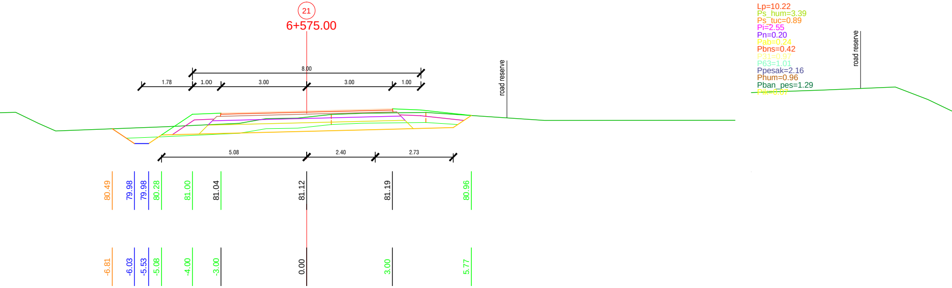
Phum=0.91
Pban_pes=1.11
Pik=0.17
road reserve

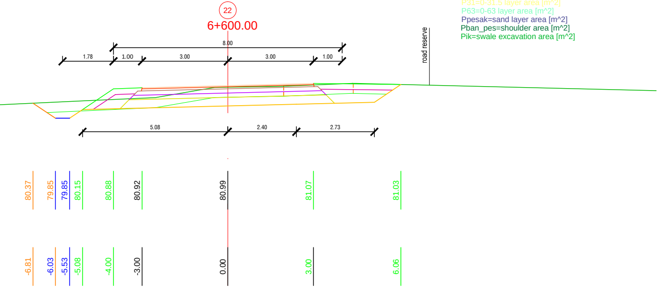

20
6+550.00
8.00
1.78
1.00
3.00
3.00
1.00
road reserve
road reserve
5.08
2.40
2.73
80.56
80.00
80.00
80.30
81.02
81.06
81.14
81.22
80.94
-6.87
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
5.70

Lp=10.22
Ps_hum=3.48
Ps_tuc=0.85
Pi=2.10
Pn=0.06
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.16
Phum=0.96
Pban_pes=1.30
Pik=0.18


21
6+575.00
8.00
1.78
1.00
3.00
3.00
1.00
road reserve
road reserve
5.08
2.40
2.73
80.49
79.98
79.98
80.28
81.00
81.04
81.12
81.19
80.96
-6.81
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
5.77

Lp=10.22
Ps_hum=3.39
Ps_tuc=0.89
Pi=2.55
Pn=0.20
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.16
Phum=0.96
Pban_pes=1.29
Pik=0.07

Lp=Length of subgrade [m']
Ps_hum=Top soil excavation area [m^2]
Ps_tuc=Excavation of the existing crushed stone area [m^2]
Pi=cut area [m^2]
Pn=fill area [m^2]
Pab=AB area [m^2]
Pbns=BNS area [m^2]
P31=0-31.5 layer area [m^2]
P63=0-63 layer area [m^2]
Ppesak=sand layer area [m^2]
Pban_pes=shoulder area [m^2]
Pik=swale excavation area [m^2]


22
6+600.00
8.00
1.78
1.00
3.00
3.00
1.00
road reserve
5.08
2.40
2.73
80.37
79.85
79.85
80.15
80.88
80.92
80.99
81.07
81.03
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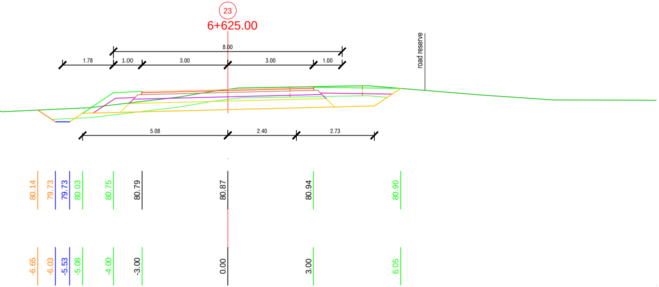
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
6.06


23
6+625.00
8.00
1.78
1.00
3.00
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1.00
road reserve
5.08
2.40
2.73
80.14
79.73
79.73
80.03
80.75
80.79
80.87
80.94
80.90
-6.65
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
6.05

Technical documentation for rehabilitation and increased maintenance of the state road II B class number 302, section: Rabe - Border of the Republic of Serbia

Инжењерска комора Србије
Марија Д. Станимировић
дипл. грађ. инж.
315 P743 18
Одговорни пројектант

М. Станимировић

ARHITEKTONSKO- GRAĐEVINSKI INSTITUT
Dr. Đorđa Joanovića 4/7; 21000 Novi Sad
Tel/Fax: +381 21 511-551
e-mail: office@aginstitut.com;
web: www.aginstitut.com <http://www.aginstitut.com>

Investor:
PE " URBAN AND SPATIAL PLANNING INSTITUTE OF VOJVODINA"
Železnička No. 6/III; 21000 Novi Sad

Subject of the project:
State road II B, number 302,
part Rabe - Border of the Republic of Serbia
from km 6+071.630 to 7+438.347

Design check:
Marija Stanimirović, civil engineer

Licence number:
315 P 743 18

Designers:

Drawing name:
CROSS SECTIONS (6+450.00-6+625.00)

Part of Project:
CIVIL ENGINEERING - ROAD DESIGN

Date:	**Scale:**	**Project number:**	**Drawing No:**
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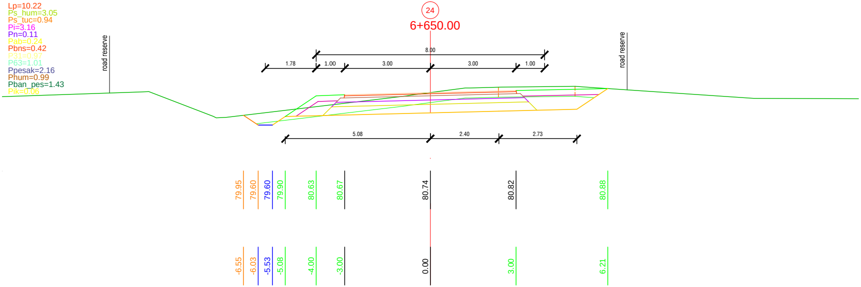
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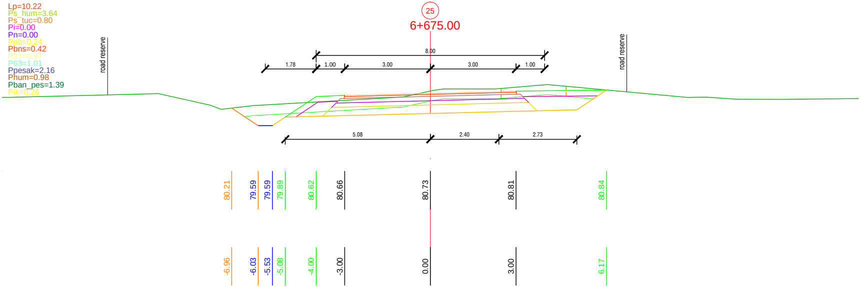
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.16
Phum=0.99
Pban_pes=1.43
Pik=0.06
road reserve
24
6+650.00
road reserve
8.00
1.78
1.00
3.00
3.00
1.00
5.08
2.40
2.73
79.95
79.60
79.60
79.90
80.63
80.67
80.74
80.82
80.88
-6.55
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
6.21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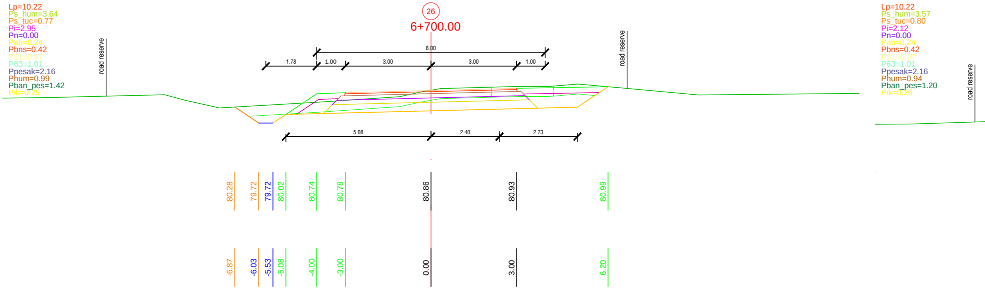
P31=0.97
P63=1.01
Ppesak=2.16
Phum=0.98
Pban_pes=1.39
Pik=0.26
road reserve
25
6+675.00
road reserve
8.00
1.78
1.00
3.00
3.00
1.00
5.08
2.40
2.73
80.21
79.59
79.59
79.89
80.62
80.66
80.73
80.81
80.84
-6.96
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
6.17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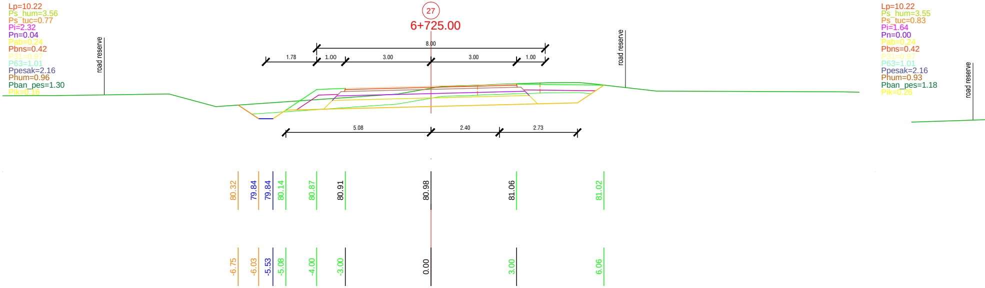
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.16
Phum=0.99
Pban_pes=1.42
Pik=0.25
road reserve
26
6+700.00
8.00
1.78
1.00
3.00
3.00
1.00
road reserve
5.08
2.40
2.73
80.28
79.72
79.72
80.02
80.74
80.78
80.86
80.93
80.99
-6.87
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
6.20
Lp=10.22
Ps_hum=3.57
Ps_tuc=0.80
Pi=2.12
Pn=0.00
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.16
Phum=0.94
Pban_pes=1.20
Pik=0.26
road reserve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Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.16
Phum=0.96
Pban_pes=1.30
Pik=0.16
road reserve
27
6+725.00
8.00
1.78
1.00
3.00
3.00
1.00
road reserve
5.08
2.40
2.73
80.32
79.84
79.84
80.14
80.87
80.91
80.98
81.06
81.02
-6.75
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
6.06
Lp=10.22
Ps_hum=3.55
Ps_tuc=0.83
Pi=1.64
Pn=0.00
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
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Phum=0.93
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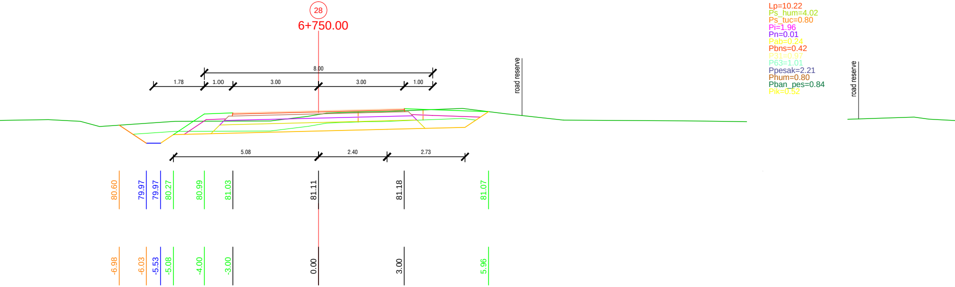
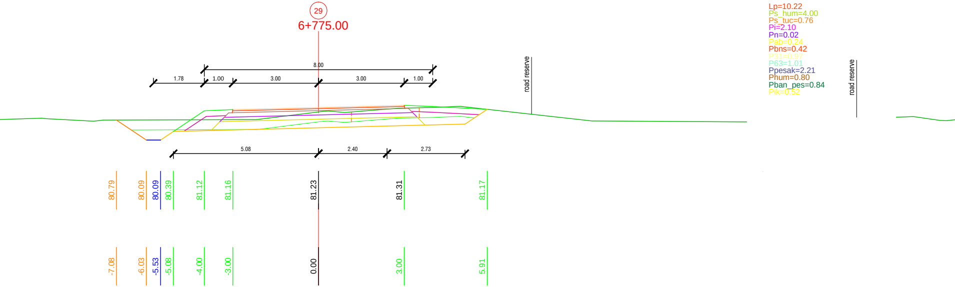
Pik=0.26
road reserve

㉘
6+750.00


8.00
1.78
1.00
3.00
3.00
1.00
road reserve
road reserve
5.08
2.40
2.73
80.60
79.97
79.97
80.27
80.99
81.03
81.11
81.18
81.07
-6.98
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
5.96

Lp=10.22
Ps_hum=4.02
Ps_tuc=0.80
Pi=1.96
Pn=0.01
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.21
Phum=0.80
Pban_pes=0.84
Pik=0.52

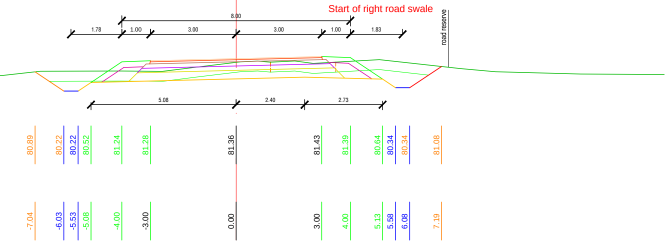
㉙
6+775.00


8.00
1.78
1.00
3.00
3.00
1.00
road reserve
road reserve
5.08
2.40
2.73
80.79
80.09
80.09
80.39
81.12
81.16
81.23
81.31
81.17
-7.08
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
5.91

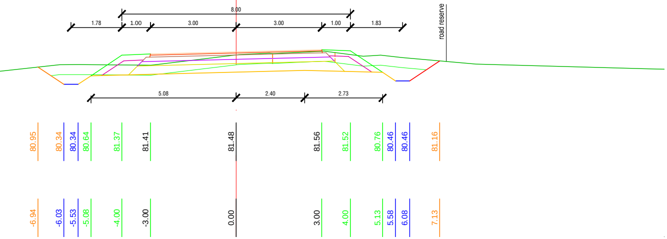
Lp=10.22
Ps_hum=4.00
Ps_tuc=0.76
Pi=2.10
Pn=0.02
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.21
Phum=0.80
Pban_pes=0.84
Pik=0.52

Lp=Length of subgrade [m']
Ps_hum=Top soil excavation area [m^2]
Ps_tuc=Excavation of the existing crushed stone area [m^2]
Pi=cut area [m^2]
Pn=fill area [m^2]
Pab=AB area [m^2]
Pbns=BNS area [m^2]
P31=0-31.5 layer area [m^2]
P63=0-63 layer area [m^2]
Ppesak=sand layer area [m^2]
Pban_pes=shoulder area [m^2]
Pik=swale excavation area [m^2]

30
6+800.00


Start of right road swale
road reserve
8.00
1.78
1.00
3.00
3.00
1.00
1.83
5.08
2.40
2.73
80.89
80.22
80.22
80.52
81.24
81.28
81.36
81.43
81.39
80.64
80.34
80.34
81.08
-7.04
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13
5.58
6.08
7.19

31
6+825.00


road reserve
8.00
1.78
1.00
3.00
3.00
1.00
1.83
5.08
2.40
2.73
80.95
80.34
80.34
80.64
81.37
81.41
81.48
81.56
81.52
80.76
80.46
80.46
81.16
-6.94
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13
5.58
6.08
7.13

Technical documentation for rehabilitation and increased maintenance of the state road II B class number 302, section: Rabe - Border of the Republic of Serbia

ИНЖЕЊЕРСКА КОМОРА СРБИЈЕ
Марија Д. Станимировић
дипл. грађ. инж.
315 P743 18
ОДГОВОРНИ ПРОЈЕКТАНТ

М. Станимировић

ARHITEKTONSKO- GRAĐEVINSKI INSTITUT
Dr. Đorđa Joanovića 4/7; 21000 Novi Sad
Tel/Fax: +381 21 511-551
e-mail: office@aginstitut.com;
web: www.aginstitut.com <http://www.aginstitut.com>

Investor:
PE " URBAN AND SPATIAL PLANNING INSTITUTE OF VOJVODINA"
Železnička No. 6/III; 21000 Novi Sad

Subject of the project:
State road II B, number 302,
part Rabe - Border of the Republic of Serbia
from km 6+071.630 to 7+438.347

Design check:
Marija Stanimirović, civil engineer

Licence number:
315 P 743 18

Designers:

Drawing name:
CROSS SECTIONS (6+650.00-6+825.00)

Part of Project:
CIVIL ENGINEERING - ROAD DESIGN

Date:	**Scale:**	**Project number:**	**Drawing No:**
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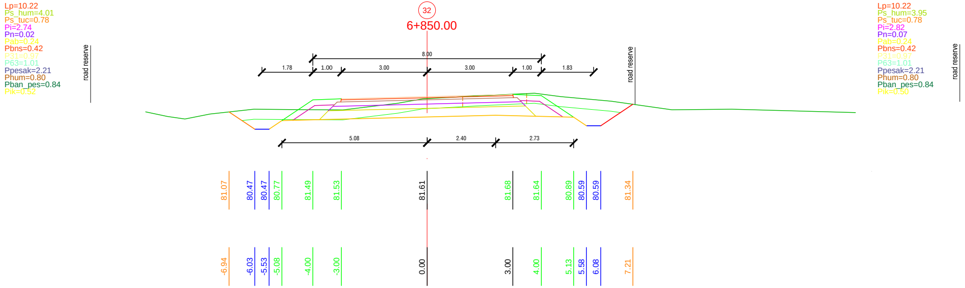
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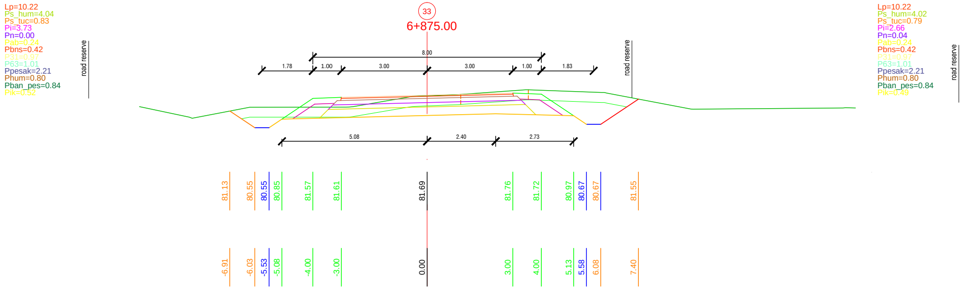
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.21
Phum=0.80
Pban_pes=0.84
Pik=0.52
road reserve
32
6+850.00
8.00
1.78
1.00
3.00
3.00
1.00
1.83
road reserve
Lp=10.22
Ps_hum=3.95
Ps_tuc=0.78
Pi=2.82
Pn=0.07
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.21
Phum=0.80
Pban_pes=0.84
Pik=0.50
road reserve
5.08
2.40
2.73
81.07
80.47
80.47
80.77
81.49
81.53
81.61
81.68
81.64
80.89
80.59
80.59
81.34
-6.94
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13
5.58
6.08
7.21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Ps_tuc=0.83
Pi=3.73
Pn=0.00
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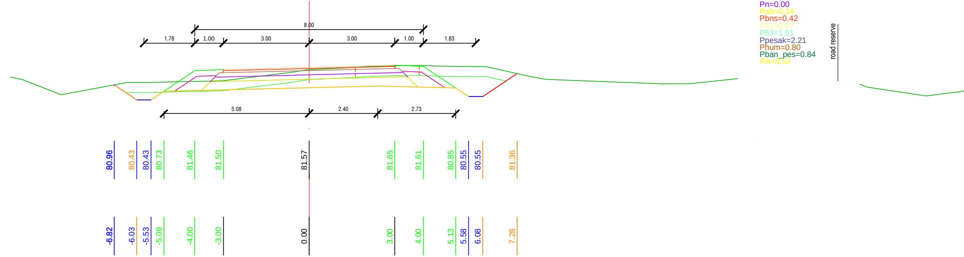
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.21
Phum=0.80
Pban_pes=0.84
Pik=0.52
road reserve
33
6+875.00
8.00
1.78
1.00
3.00
3.00
1.00
1.83
road reserve
Lp=10.22
Ps_hum=4.02
Ps_tuc=0.79
Pi=2.66
Pn=0.04
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.21
Phum=0.80
Pban_pes=0.84
Pik=0.49
road reserve
5.08
2.40
2.73
81.13
80.55
80.55
80.85
81.57
81.61
81.69
81.76
81.72
80.97
80.67
80.67
81.55
-6.91
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13
5.58
6.08
7.40

34

6+900.00



8.00
1.78
1.00
3.00
3.00
1.00
1.83
5.08
2.40
2.73
road reserve
80.96
80.43
80.43
80.73
81.46
81.50
81.57
81.65
81.61
80.85
80.55
80.55
81.36
-6.82
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13
5.58
6.08
7.28

Lp=10.22
Ps_hum=4.01
Ps_tuc=0.82
Pi=2.80
Pn=0.00
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.21
Phum=0.80
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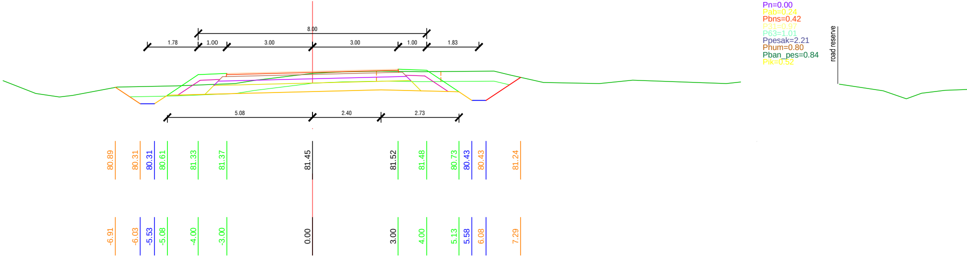
Pik=0.52

35

6+925.00



8.00
1.78
1.00
3.00
3.00
1.00
1.83
5.08
2.40
2.73
road reserve
80.89
80.31
80.31
80.61
81.33
81.37
81.45
81.52
81.48
80.73
80.43
80.43
81.24
-6.91
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13
5.58
6.08
7.29

Lp=10.22
Ps_hum=4.02
Ps_tuc=0.81
Pi=3.89
Pn=0.00
Pab=0.24
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P63=1.01
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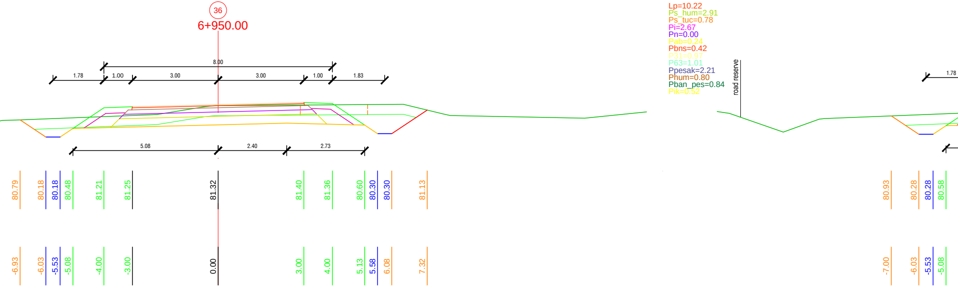
Pban_pes=0.84
Pik=0.52


36
6+950.00
8.00
1.78
1.00
3.00
3.00
1.00
1.83
5.08
2.40
2.73
80.79
80.18
80.18
80.48
81.21
81.25
81.32
81.40
81.36
80.60
80.30
80.30
81.13
-6.93
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13
5.58
6.08
7.32
road reserve
1.78
80.93
80.28
80.28
80.58
-7.00
-6.03
-5.53
-5.08

Lp=10.22
Ps_hum=2.91
Ps_tuc=0.78
Pi=2.67
Pn=0.00
Pab=0.24
Pbns=0.42
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P63=1.01
Ppesak=2.21
Phum=0.80
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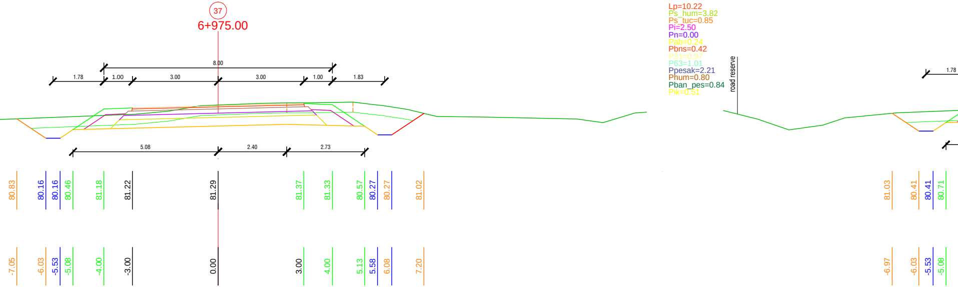
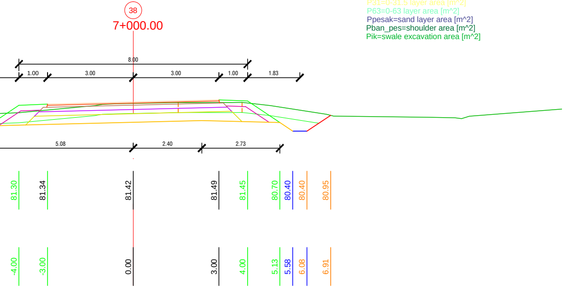
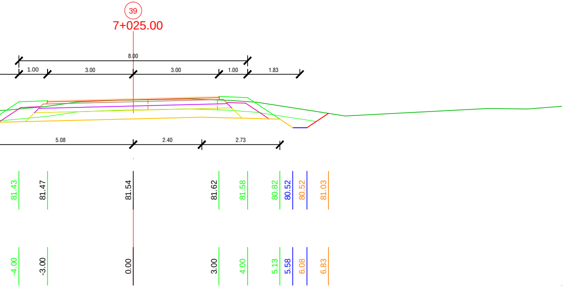

37
6+975.00
8.00
1.78
1.00
3.00
3.00
1.00
1.83
5.08
2.40
2.73
80.83
80.16
80.16
80.46
81.18
81.22
81.29
81.37
81.33
80.57
80.27
80.27
81.02
-7.05
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13
5.58
6.08
7.20
road reserve
1.78
81.03
80.41
80.41
80.71
-6.97
-6.03
-5.53
-5.08

Lp=10.22
Ps_hum=3.82
Ps_tuc=0.85
Pi=2.50
Pn=0.00
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.21
Phum=0.80
Pban_pes=0.84
Pik=0.51

Lp=Length of subgrade [m']
Ps_hum=Top soil excavation area [m^2]
Ps_tuc=Excavation of the existing crushed stone area [m^2]
Pi=cut area [m^2]
Pn=fill area [m^2]
Pab=AB area [m^2]
Pbns=BNS area [m^2]
P31=0-31.5 layer area [m^2]
P63=0-63 layer area [m^2]
Ppesak=sand layer area [m^2]
Pban_pes=shoulder area [m^2]
Pik=swale excavation area [m^2]


38
7+000.00
8.00
1.00
3.00
3.00
1.00
1.83
5.08
2.40
2.73
81.30
81.34
81.42
81.49
81.45
80.70
80.40
80.40
80.95
-4.00
-3.00
0.00
3.00
4.00
5.13
5.58
6.08
6.91


39
7+025.00
8.00
1.00
3.00
3.00
1.00
1.83
5.08
2.40
2.73
81.43
81.47
81.54
81.62
81.58
80.82
80.52
80.52
81.03
-4.00
-3.00
0.00
3.00
4.00
5.13
5.58
6.08
6.83

Technical documentation for rehabilitation and increased maintenance of the state road II B class number 302, section: Rabe - Border of the Republic of Serbia

ИНЖЕЊЕРСКА КОМОРА СРБИЈЕ
Марија Д. Станимировић
дипл. грађ. инж.
315 P743 18
ОДГОВОРНИ ПРОЈЕКТАНТ

М. Станимировић

ARHITEKTONSKO- GRAĐEVINSKI INSTITUT
Dr. Đorđa Joanovića 4/7; 21000 Novi Sad
Tel/Fax: +381 21 511-551
e-mail: office@aginstitut.com;
web: www.aginstitut.com <http://www.aginstitut.com>

Investor:
PE " URBAN AND SPATIAL PLANNING INSTITUTE OF VOJVODINA"
Železnička No. 6/III; 21000 Novi Sad

Subject of the project:
State road II B, number 302,
part Rabe - Border of the Republic of Serbia
from km 6+071.630 to 7+438.347

Design check:
Marija Stanimirović, civil engineer

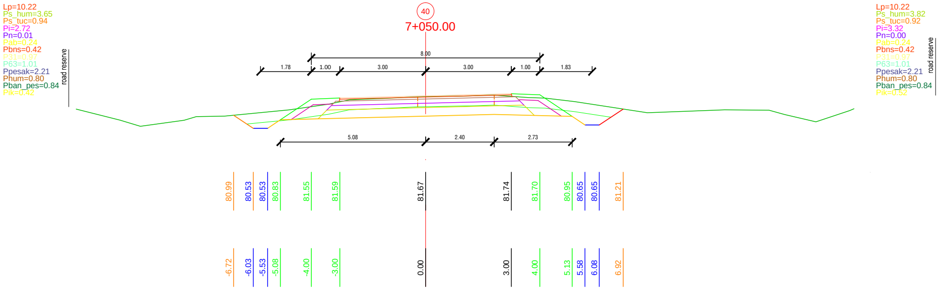
Licence number:
315 P 743 18

Designers:

Drawing name:
CROSS SECTIONS (6+850.00-7+025.00)

Part of Project:
CIVIL ENGINEERING - ROAD DESIGN

Date:	**Scale:**	**Project number:**	**Drawing No:**
2018.	R=1:100	E 0109/18-V	4.5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P63=1.01
Ppesak=2.21
Phum=0.80
Pban_pes=0.84
Pik=0.42
road reserve
40
7+050.00
8.00
1.78
1.00
3.00
3.00
1.00
1.83
5.08
2.40
2.73
80.99
80.53
80.53
80.83
81.55
81.59
81.67
81.74
81.70
80.95
80.65
80.65
81.21
-6.72
-6.03
-5.53
-5.08
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-3.00
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3.00
4.00
5.13
5.58
6.08
6.92
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Pab=0.24
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Phum=0.80
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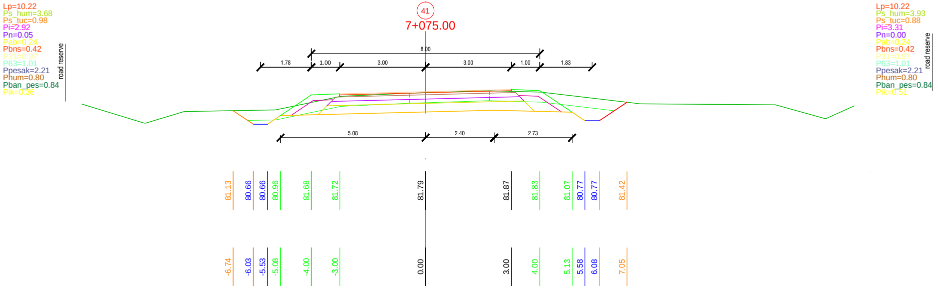
Pik=0.52
road reserve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Ppesak=2.21
Phum=0.80
Pban_pes=0.84
Pik=0.36
road reserve
41
7+075.00
8.00
1.78
1.00
3.00
3.00
1.00
1.83
5.08
2.40
2.73
81.13
80.66
80.66
80.96
81.68
81.72
81.79
81.87
81.83
81.07
80.77
80.77
81.42
-6.74
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13
5.58
6.08
7.05
Lp=10.22
Ps_hum=3.93
Ps_tuc=0.88
Pi=3.31
Pn=0.00
Pab=0.24
Pbns=0.42
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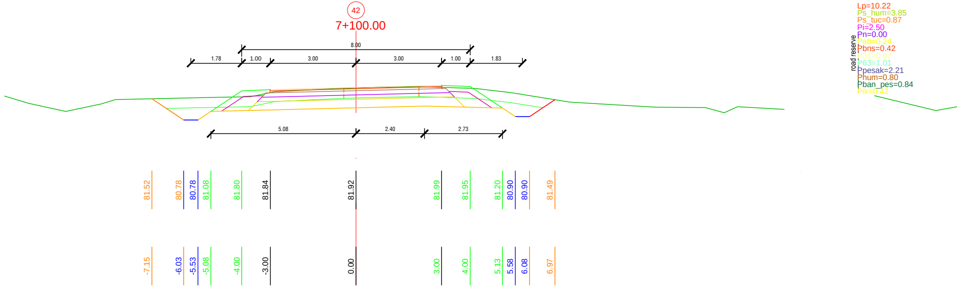
P63=1.01
Ppesak=2.21
Phum=0.80
Pban_pes=0.84
Pik=0.51
road reserve


42
7+100.00
8.00
1.78
1.00
3.00
3.00
1.00
1.83
5.08
2.40
2.73
81.52
80.78
80.78
81.08
81.80
81.84
81.92
81.99
81.95
81.20
80.90
80.90
81.49
-7.15
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13
5.58
6.08
6.97
road reserve

Lp=10.22
Ps_hum=3.85
Ps_tuc=0.87
Pi=2.50
Pn=0.00
Pab=0.24
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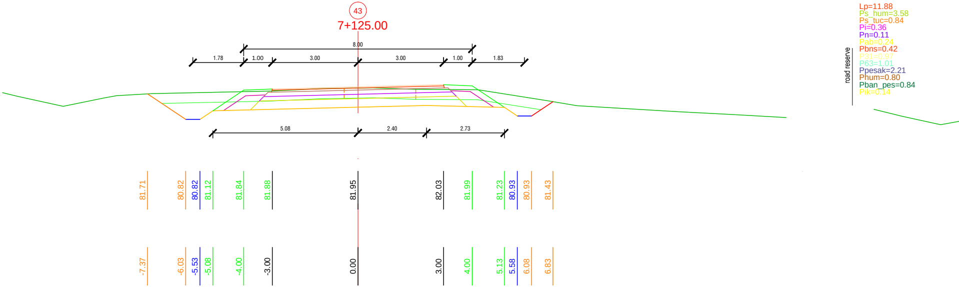
Pik=0.42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7+125.00
8.00
1.78
1.00
3.00
3.00
1.00
1.83
5.08
2.40
2.73
81.71
80.82
80.82
81.12
81.84
81.88
81.95
82.03
81.99
81.23
80.93
80.93
81.43
-7.37
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13
5.58
6.08
6.83
road reserve

Lp=11.88
Ps_hum=3.58
Ps_tuc=0.84
Pi=0.36
Pn=0.11
Pab=0.24
Pbns=0.42
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Ppesak=2.21
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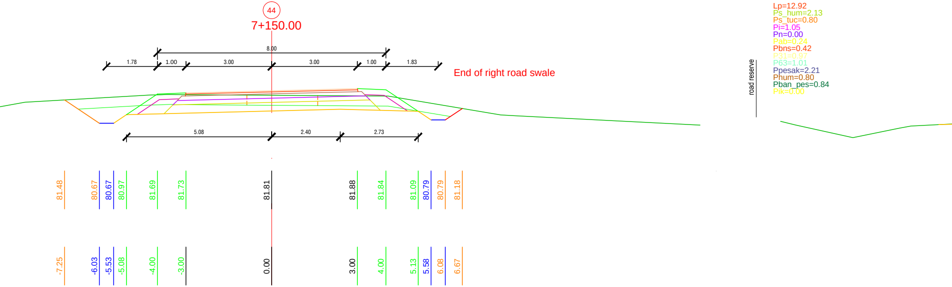
Pik=0.14


44
7+150.00
8.00
1.78
1.00
3.00
3.00
1.00
1.83
End of right road swale
5.08
2.40
2.73
81.48
80.67
80.67
80.97
81.69
81.73
81.81
81.88
81.84
81.09
80.79
80.79
81.18
-7.25
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13
5.58
6.08
6.67
road reserve

Lp=12.92
Ps_hum=2.13
Ps_tuc=0.80
Pi=1.05
Pn=0.00
Pab=0.24
Pbns=0.42
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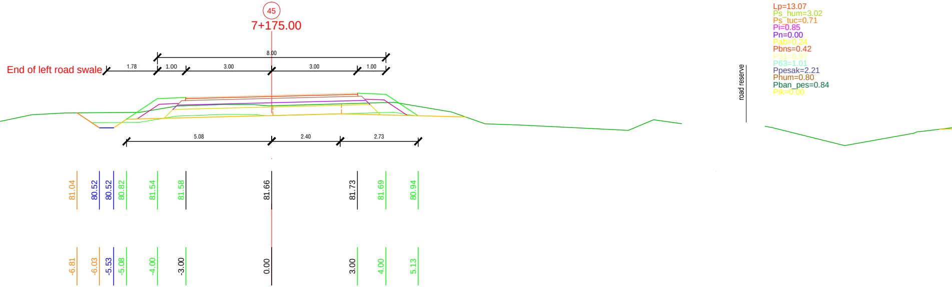
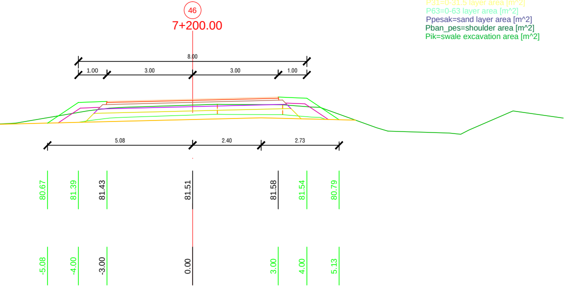
P63=1.01
Ppesak=2.21
Phum=0.80
Pban_pes=0.84
Pik=0.00


45
7+175.00
End of left road swale
8.00
1.78
1.00
3.00
3.00
1.00
5.08
2.40
2.73
81.04
80.52
80.52
80.82
81.54
81.58
81.66
81.73
81.69
80.94
-6.81
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13
road reserve

Lp=13.07
Ps_hum=3.02
Ps_tuc=0.71
Pi=0.85
Pn=0.00
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.21
Phum=0.80
Pban_pes=0.84
Pik=0.00

Lp=Length of subgrade [m']
Ps_hum=Top soil excavation area [m^2]
Ps_tuc=Excavation of the existing crushed stone area [m^2]
Pi=cut area [m^2]
Pn=fill area [m^2]
Pab=AB area [m^2]
Pbns=BNS area [m^2]
P31=0-31.5 layer area [m^2]
P63=0-63 layer area [m^2]
Ppesak=sand layer area [m^2]
Pban_pes=shoulder area [m^2]
Pik=swale excavation area [m^2]


46
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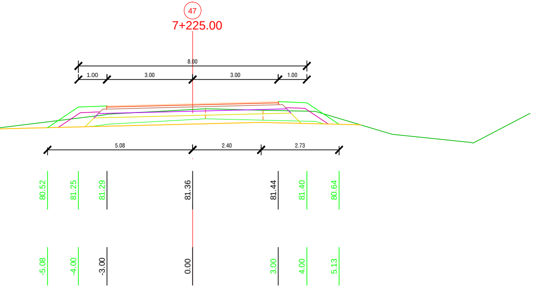
1.00
3.00
3.00
1.00
5.08
2.40
2.73
80.67
81.39
81.43
81.51
81.58
81.54
80.79
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13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7+225.00
8.00
1.00
3.00
3.00
1.00
5.08
2.40
2.73
80.52
81.25
81.29
81.36
81.44
81.40
80.64
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13

Technical documentation for rehabilitation and increased maintenance of the state road II B class number 302, section: Rabe - Border of the Republic of Serbia

Марија Д. Станимировић
дипл. грађ. инж.
315 P743 18

М. Станимировић

ARHITEKTONSKO- GRAĐEVINSKI INSTITUT
Dr. Đorđa Joanovića 4/7; 21000 Novi Sad
Tel/Fax: +381 21 511-551
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Investor:
PE “ URBAN AND SPATIAL PLANNING INSTITUTE OF VOJVODINA“
Železnička No. 6/III; 21000 Novi Sad

Subject of the project:
State road II B, number 302,
part Rabe - Border of the Republic of Serbia
from km 6+071.630 to 7+438.347

Design check:
Marija Stanimirović, civil engineer

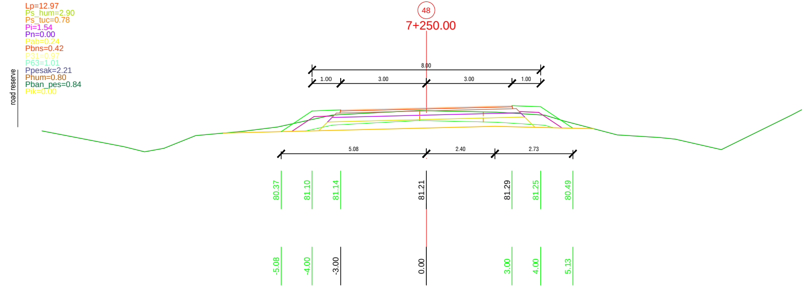
Licence number:
315 P 743 18

Designers:

Drawing name:
CROSS SECTIONS (7+050.00-7+225.00)

Part of Project:
CIVIL ENGINEERING - ROAD DESIGN

Date: 2018.
Scale: R=1:100
Project number: E 0109/18-V
Drawing No: 4.6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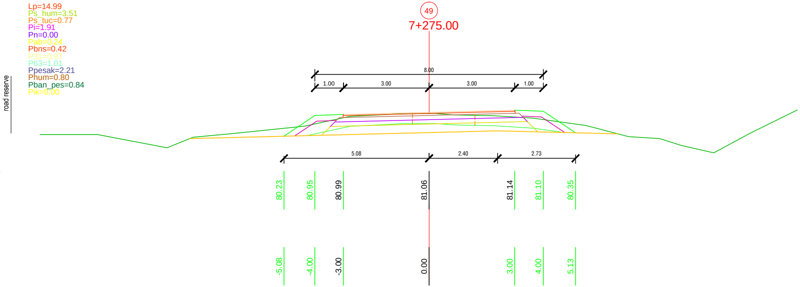
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.21
Phum=0.80
Pban_pes=0.84
Pik=0.00
road reserve
48
7+250.00
8.00
1.00
3.00
3.00
1.00
5.08
2.40
2.73
80.37
81.10
81.14
81.21
81.29
81.25
80.49
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13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Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.21
Phum=0.80
Pban_pes=0.84
Pik=0.00
road reserve
49
7+275.00
8.00
1.00
3.00
3.00
1.00
5.08
2.40
2.73
80.23
80.95
80.99
81.06
81.14
81.10
80.35
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13

Lp=14.39
Ps_hum=4.08
Ps_tuc=0.71
Pi=2.61
Pn=0.00
Pab=0.24
Pbns=0.42
P31=0.97
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Ppesak=2.21
Phum=0.80
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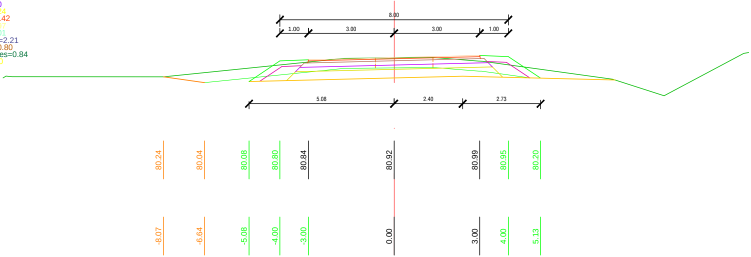
Pik=0.00

㊿

7+300.00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1.00
3.00
3.00
1.00
5.08
2.40
2.73
80.24
80.04
80.08
80.80
80.84
80.92
80.99
80.95
80.20
-8.07
-6.64
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13

Lp=10.22
Ps_hum=5.06
Ps_tuc=0.00
Pi=3.14
Pn=0.06
Pab=0.24
Pbns=0.42
P31=0.97
P63=1.01
Ppesak=2.21
Phum=0.80
Pban_pes=0.84
Pik=0.52

Lp=10.98
Ps_hum=4.44
Ps_tuc=0.00
Pi=5.70
Pn=0.00
Pab=0.24
Pbns=0.42
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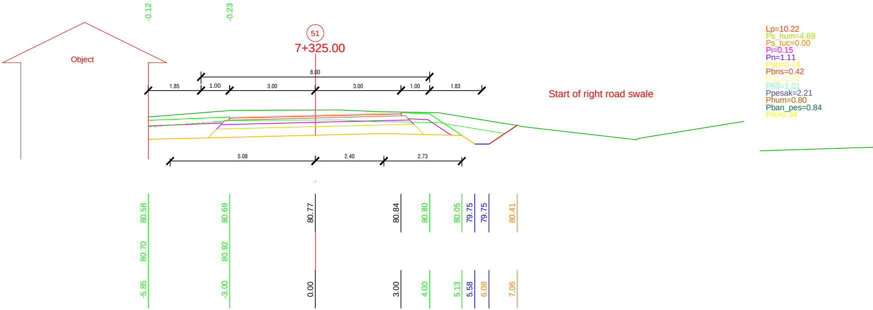
Pik=0.26

(51)

7+325.00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Object
8.00
1.85
1.00
3.00
3.00
1.00
1.83
Start of right road swale
5.08
2.40
2.73
80.58
80.69
80.77
80.84
80.80
80.05
79.75
79.75
80.41
80.70
80.92
-5.85
-3.00
0.00
3.00
4.00
5.13
5.58
6.08
7.06

Lp=10.22
Ps_hum=4.69
Ps_tuc=0.00
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Pab=0.24
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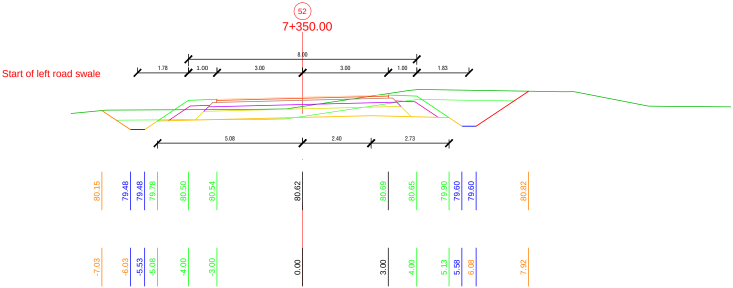
52
7+350.00
Start of left road swale
8.00
1.78
1.00
3.00
3.00
1.00
1.83
5.08
2.40
2.73
80.15
79.48
79.48
79.78
80.50
80.54
80.62
80.69
80.65
79.90
79.60
79.60
80.82
-7.03
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13
5.58
6.08
7.92

Lp=10.22
Ps_hum=5.02
Ps_tuc=0.00
Pi=3.11
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Pab=0.24
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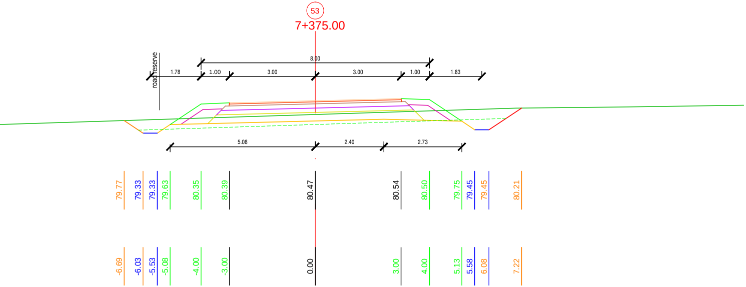
P63=1.01
Ppesak=2.21
Phum=0.80
Pban_pes=0.84
Pik=0.52


53
7+375.00
road reserve
8.00
1.78
1.00
3.00
3.00
1.00
1.83
5.08
2.40
2.73
79.77
79.33
79.33
79.63
80.35
80.39
80.47
80.54
80.50
79.75
79.45
79.45
80.21
-6.69
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13
5.58
6.08
7.22

Lp=10.22
Ps_hum=5.13
Ps_tuc=0.00
Pi=4.62
Pn=0.00
Pab=0.24
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Phum=0.80
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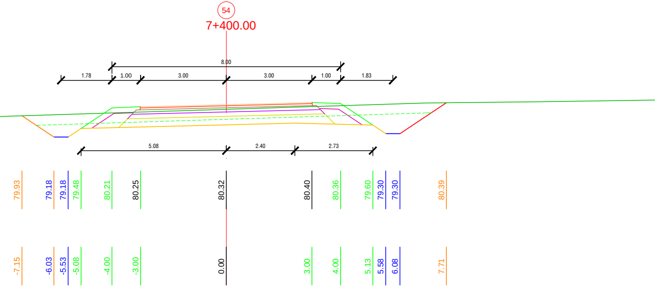
Pik=0.52


54
7+400.00
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3.00
3.00
1.00
1.83
5.08
2.40
2.73
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79.18
79.18
79.48
80.21
80.25
80.32
80.40
80.36
79.60
79.30
79.30
80.39
-7.15
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13
5.58
6.08
7.71

Lp=10.22
Ps_hum=5.19
Ps_tuc=0.00
Pi=5.43
Pn=0.00
Pab=0.24
Pbns=0.42
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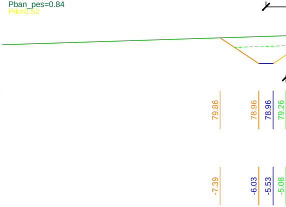
Phum=0.80
Pban_pes=0.84
Pik=0.52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78.96
79.26
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-6.03
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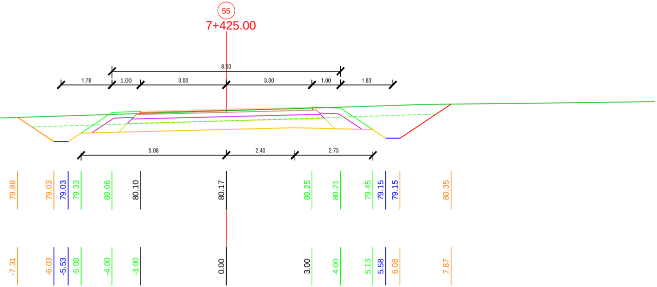
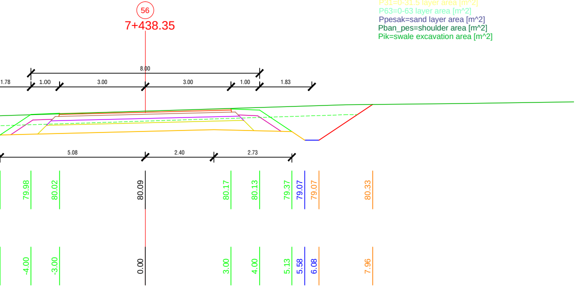
-5.08


55
7+425.00
8.00
1.78
1.00
3.00
3.00
1.00
1.83
5.08
2.40
2.73
79.88
79.03
79.03
79.33
80.06
80.10
80.17
80.25
80.21
79.45
79.15
79.15
80.35
-7.31
-6.03
-5.53
-5.08
-4.00
-3.00
0.00
3.00
4.00
5.13
5.58
6.08
7.87

Lp=Length of subgrade [m']
Ps_hum=Top soil excavation area [m^2]
Ps_tuc=Excavation of the existing crushed stone area [m^2]
Pi=cut area [m^2]
Pn=fill area [m^2]
Pab=AB area [m^2]
Pbns=BNS area [m^2]
P31=0-31.5 layer area [m^2]
P63=0-63 layer area [m^2]
Ppesak=sand layer area [m^2]
Pban_pes=shoulder area [m^2]
Pik=swale excavation area [m^2]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7+438.35
8.00
1.78
1.00
3.00
3.00
1.00
1.83
5.08
2.40
2.73
79.98
80.02
80.09
80.17
80.13
79.37
79.07
79.07
80.33
-4.00
-3.00
0.00
3.00
4.00
5.13
5.58
6.08
7.96

Technical documentation for rehabilitation and increased maintenance of the state road II B class number 302, section: Rabe - Border of the Republic of Serbia

ИНЖЕЊЕРСКА КОМОРА СРБИЈЕ
Марија Д. Станимировић
дипл. грађ. инж.
315 P743 18
ОДГОВОРНИ ПРОЈЕКТАНТ

М. Станимировић

ARHITEKTONSKO- GRAĐEVINSKI INSTITUT
Dr. Đorđa Joanovića 4/7; 21000 Novi Sad
Tel/Fax: +381 21 511-551
e-mail: office@aginstitut.com;
web: www.aginstitut.com <http://www.aginstitut.com>

Investor:
PE “ URBAN AND SPATIAL PLANNING INSTITUTE OF VOJVODINA“
Železnička No. 6/III; 21000 Novi Sad

Subject of the project:
State road II B, number 302,
part Rabe - Border of the Republic of Serbia
from km 6+071.630 to 7+438.347

Design check:
Marija Stanimirović, civil engineer

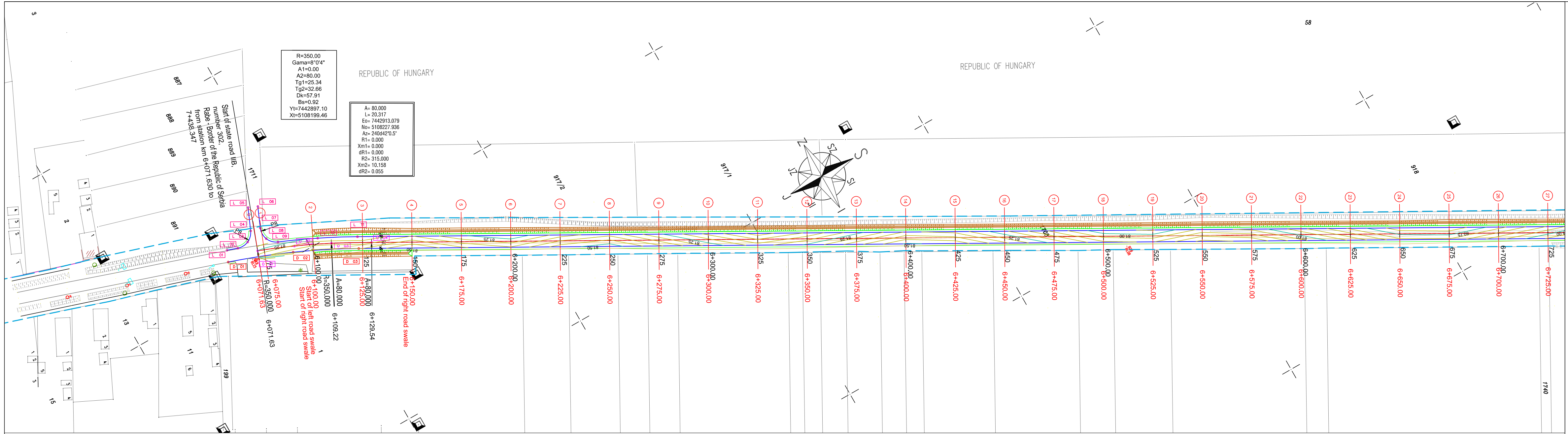
Licence number:
315 P 743 18

Designers:

Drawing name:
CROSS SECTIONS (7+250.00-7+438.347)

Part of Project:
CIVIL ENGINEERING - ROAD DESIGN

Date:	**Scale:**	**Project number:**	**Drawing No:**
2018.	R=1:100	E 0109/18-V	4.7


R=350.00
Gama=8°0'4"
A1=0.00
A2=80.00
Tg1=25.34
Tg2=32.66
Dk=57.91
Bs=0.92
Yt=7442897.10
Xt=5108199.46
A= 80.000
L= 20.317
Eo= 7442913.079
No= 5108227.936
Az= 240d42'0.5"
R1= 0.000
Xm1= 0.000
dR1= 0.000
R2= 315.000
Xm2= 10.158
dR2= 0.055
REPUBLIC OF HUNGARY
REPUBLIC OF HUNGARY
Start of state road IIB, number 302, Rabe - Border of the Republic of Serbia from station km 6+071.630 to 7+438.347
887
888
889
890
891
1711
917/2
917/1
918
58
199
1740
6+071.63
R=350.000
6+075.00
6+100.00
Start of left road swale
Start of right road swale
6+109.22
R=350.000
A=80.000
6+125.00
A=80.000
6+129.54
6+150.00
End of right road swale
6+175.00
6+200.00
6+225.00
6+250.00
6+275.00
6+300.00
6+325.00
6+350.00
6+375.00
6+400.00
6+425.00
6+450.00
6+475.00
6+500.00
6+525.00
6+550.00
6+575.00
6+600.00
6+625.00
6+650.00
6+675.00
6+700.00
6+725.00
S
SI
JI
J
Z
SZ

LEGENDA /LEGEND

—·—·—	PROJEKTOVANA OSOVINA / PROPOSED CENTERLINE
——	PROJEKTOVANA IVICA KOLOVOZA/ PROPOSED ROAD EDGE
——	PROJEKTOVANA BANKINA/ PROPOSED SHOULDER
—81.25—	IZOHIPSA /ISOLINE/CONTOURS (e=0.05)

O		
Point No.	X	Y
1	7442888.054	5108175.788
2	7442895.230	5108193.155
3	7442903.327	5108210.113
4	7442913.079	5108227.936
5	7443297.829	5108913.556
6	7443301.916	5108920.826
7	7443306.016	5108928.088
8	7443403.062	5109099.680
9	7443414.968	5109120.614
10	7443426.975	5109141.490
11	7443472.439	5109220.099
12	7443490.306	5109251.251
13	7443507.949	5109282.529
14	7443555.790	5109368.060

D		
Point No.	X	Y
1	7442885.631	5108160.014
2	7442897.618	5108191.028
3	7442912.494	5108220.764
4	7443300.445	5108912.088
5	7443304.530	5108919.353
6	7443308.627	5108926.611
7	7443405.671	5109098.200
8	7443417.571	5109119.123
9	7443429.572	5109139.988
10	7443475.036	5109218.597
11	7443492.914	5109249.767
12	7443510.568	5109281.065
13	7443559.749	5109369.228

L		
Point No.	X	Y
1	7442880.119	5108162.453
2	7442881.926	5108167.740
3	7442881.705	5108173.595
4	7442877.553	5108177.730
5	7442866.656	5108182.445
6	7442868.642	5108187.034
7	7442878.734	5108182.667
8	7442884.902	5108182.589
9	7442889.292	5108186.923
10	7442897.613	5108205.317
11	7442906.982	5108223.201
12	7443295.213	5108915.025
13	7443299.302	5108922.298
14	7443303.404	5108929.565

L		
Point No.	X	Y
15	7443400.451	5109101.157
16	7443412.364	5109122.103
17	7443424.378	5109142.992
18	7443469.842	5109221.601
19	7443487.698	5109252.734
20	7443505.330	5109283.994
21	7443551.668	5109366.842

Technical documentation for rehabilitation and increased maintenance of the state road II B class number 302, section: Rabe - Border of the Republic of Serbia

М. Станимировић

Марија Д. Станимировић
315 Р 743 18

ARHITEKTONSKO- GRAĐEVINSKI INSTITUT
Dr. Đorđa Joanovića 4/7; 21000 Novi Sad
Tel/Fax: +381 21 511-551
e-mail: office@aginstitut.com;
web: www.aginstitut.com <http://www.aginstitut.com>

Investor:
PE " URBAN AND SPATIAL PLANNING INSTITUTE OF VOJVODINA"
Železnička No. 6/III; 21000 Novi Sad

Subject of the project:
State road II B, number 302,
part Rabe - Border of the Republic of Serbia
from km 6+071.630 to 7+438.347

Design check:
Marija Stanimirović, civil engineer

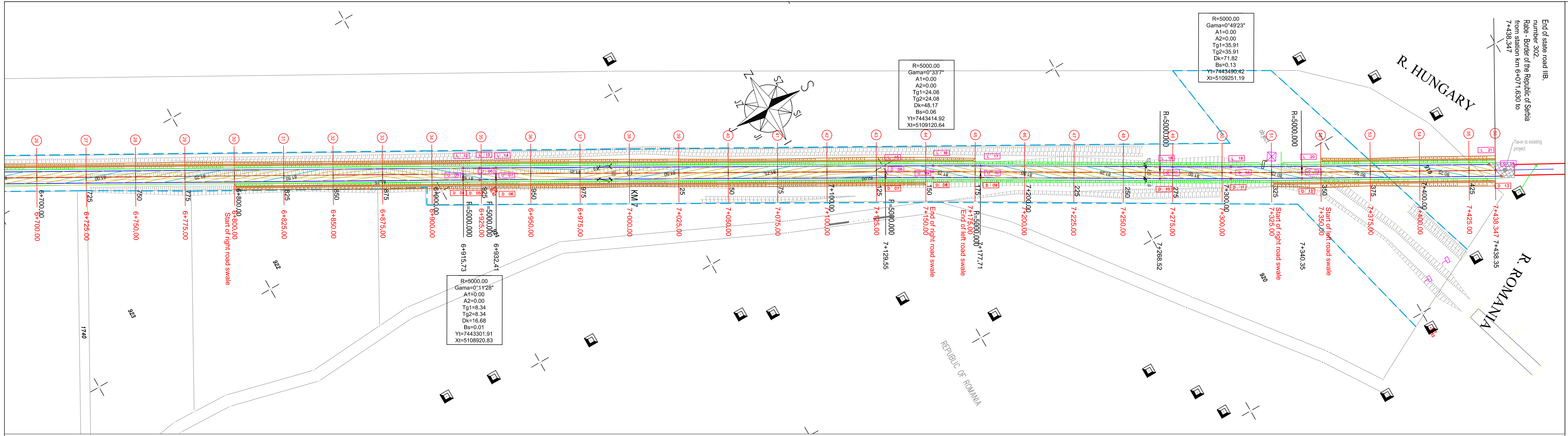
Licence number:
315 P 743 18

Designers:
Marko Sekulić, civil engineer

Drawing name:
ROAD LEVELS LAYOUT PLAN

Part of Project:
CIVIL ENGINEERING - ROAD DESIGN

Date:	Scale:	Project number:	Drawing No:
2018.	R=1:1000	E 0109/18-V	5.1


R=5000.00
Gama=0°49'23"
A1=0.00
A2=0.00
Tg1=35.91
Tg2=35.91
Dk=71.82
Bs=0.13
Yt=7443490.42
Xt=5109251.19
R=5000.00
Gama=0°33'7"
A1=0.00
A2=0.00
Tg1=24.08
Tg2=24.08
Dk=48.17
Bs=0.06
Yt=7443414.92
Xt=5109120.64
R=5000.00
Gama=0°11'28"
A1=0.00
A2=0.00
Tg1=8.34
Tg2=8.34
Dk=16.68
Bs=0.01
Yt=7443301.91
Xt=5108920.83
End of state road IIB, number 302, Rabe - Border of the Republic of Serbia from station km 6+071.630 to 7+438.347
R. HUNGARY
R. ROMANIA
REPUBLIC OF ROMANIA
Tie-in to existing project
object
R=5000.000
6+700.00
6+725.00
6+750.00
6+775.00
6+800.00
Start of right road swale
6+825.00
6+850.00
6+875.00
6+900.00
6+915.73
6+925.00
6+932.41
6+950.00
6+975.00
KM 7
7+000.00
7+025.00
7+050.00
7+075.00
7+100.00
7+125.00
7+129.55
7+150.00
End of right road swale
7+175.00
7+177.71
End of left road swale
7+200.00
7+225.00
7+250.00
7+268.52
7+275.00
7+300.00
7+325.00
Start of right road swale
7+340.35
7+350.00
Start of left road swale
7+375.00
7+400.00
7+425.00
7+438.347
7+438.35

Technical documentation for rehabilitation and increased maintenance of the state road II B class number 302, section: Rabe - Border of the Republic of Serbia

O		
Point No.	X	Y
1	7442888.054	5108175.788
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4	7442913.079	5108227.936
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Point No.	X	Y
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7	7443405.671	5109098.200
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9	7443429.572	5109139.988
10	7443475.036	5109218.597
11	7443492.914	5109249.767
12	7443510.568	5109281.065
13	7443559.749	5109369.228

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Point No.	X	Y
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4	7442877.553	5108177.730
5	7442866.656	5108182.445
6	7442868.642	5108187.034
7	7442878.734	5108182.667
8	7442884.902	5108182.589
9	7442889.292	5108186.923
10	7442897.613	5108205.317
11	7442906.982	5108223.201
12	7443295.213	5108915.025
13	7443299.302	5108922.298
14	7443303.404	5108929.565
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17	7443424.378	5109142.992
18	7443469.842	5109221.601
19	7443487.698	5109252.734
20	7443505.330	5109283.994
21	7443551.668	5109366.842

LEGENDA /LEGEND

— · — · —	PROJEKTOVANA OSOVINA / PROPOSED CENTERLINE
———	PROJEKTOVANA IVICA KOLOVOZA/ PROPOSED ROAD EDGE
———	PROJEKTOVANA BANKINA/ PROPOSED SHOULDER
—81.25—	IZOHIPSA /ISOLINE/CONTOURS (e=0.05)

M. Станимировић

Марија Д. Станимировић
дипл. грађ. инж.
315 P743 18

ARHITEKTONSKO- GRAĐEVINSKI INSTITUT
Dr. Đorđa Joanovića 4/7; 21000 Novi Sad
Tel/Fax: +381 21 511-551
e-mail: office@aginstitut.com;
web: www.aginstitut.com <http://www.aginstitut.com>

Investor:
PE " URBAN AND SPATIAL PLANNING INSTITUTE OF VOJVODINA"
Železnička No. 6/III; 21000 Novi Sad

Subject of the project:
State road II B, number 302,
part Rabe - Border of the Republic of Serbia
from km 6+071.630 to 7+438.347

Design check:
Marija Stanimirović, civil engineer

Licence number:
315 P 743 18

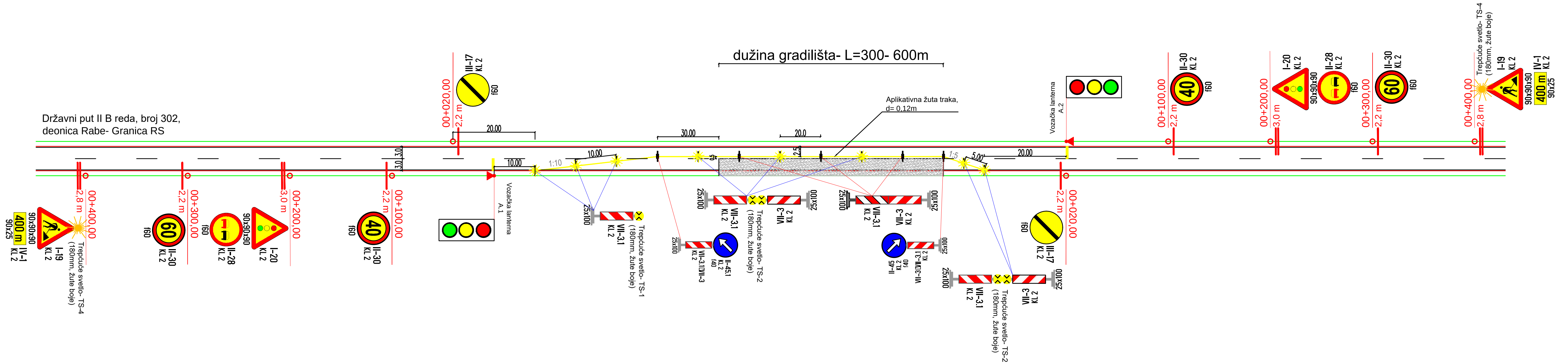
Designers:

Drawing name:
ROAD LEVELS LAYOUT PLAN

Part of Project:
CIVIL ENGINEERING - ROAD DESIGN

Date:	**Scale:**	**Project number:**	**Drawing No:**
2018.	R=1:1000	E 0109/18-V	5.2

Tipsko rešenje 1 - Plan označavanja i obezbeđenja gradilišta van naselja (otvorena deonica puta)
Naizmenično propuštanje saobraćaja pomoću svetlosnih saobraćajnih znakova (semafora)

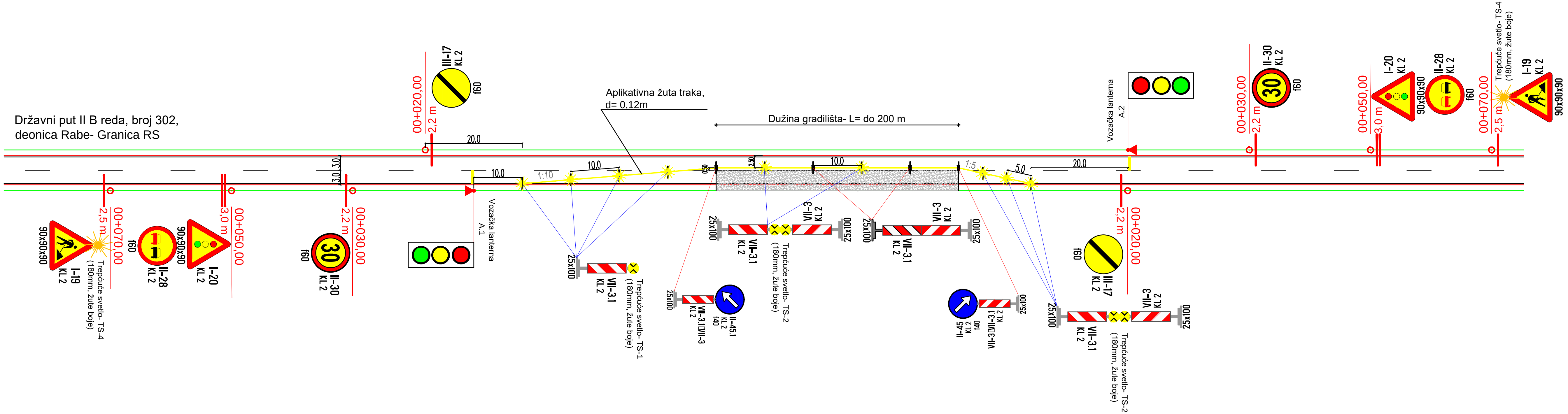


Državni put II B reda, broj 302,
deonica Rabe- Granica RS
dužina gradilišta- L=300- 600m
Aplikativna žuta traka,
d= 0,12m
Vozačka lanterna A.1
Vozačka lanterna A.2
00+400,00
00+300,00
00+200,00
00+100,00
00+020,00
2,8 m
2,2 m
3,0 m
20.00
10.00
30.00
20.0
5.00
1:10
1:5
I-19 KL 2
IV-1 KL 2
90x90x90
400 m
90x25
I-20 KL 2
II-28 KL 2
II-30 KL 2
III-17 KL 2
VII-3 KL 2
VII-3.1 KL 2
II-45.1 KL 2
II-45 KL 2
f60
f40
25x100
60
40
Trepćuće svetlo- TS-4 (180mm, žute boje)
Trepćuće svetlo- TS-1 (180mm, žute boje)
Trepćuće svetlo- TS-2 (180mm, žute boje)

Napomena: Sve udaljenosti su date u metrima. Maksimalna dužina gradilišta na otvorenoj deonici puta je do 600 metara. Prikazani detalj se koristi tokom zauzeća desne saobraćajne trake posmatrano u pravcu rasta stacionaže.

INVESTOR: PE "Urban and spatial planning institute of Vojvodina" Železnička no. 6/III, 21000 Novi Sad	DESIGN CHECK: Igor Vukobratović, traffic engineer licence number: 370 F072 07 ИНЖЕЊЕРСКА КОМОРА СРБИЈЕ Игор С. Вукобратовић дипл. инж. саоб. 370 F072 07 ОДГОВОРНИ ПРОЈЕКТАНТ	TYPE OF PROJECT: TECHNICAL DOCUMENTATION FOR REHABILITATION AND INCREASED MAINTENANCE OF THE STATE ROAD IIB CLASS, NUMBER 302, SECTION: RABE- BORDER OF THE REPUBLIC OF SERBIA FROM km 06+072,00 TO km 07+438.35
DESIGN ORGANIZATION: ADOMNE d.o.o. projektovanje i inženjering "ADOMNE" d.o.o. Šumadijska no.16/b, 21000 Novi Sad	DESIGNERS:	DRAWING NAME: MODEL SOLUTION 1- LENGHT OF THE CONSTRUCTION SITE 300-600m -OPEN SECTION OF THE ROAD OUTSIDE THE SETTLEMENT- -OCCUPYING RIGHT TRAFFIC LANE-
	COLLABORATOR:	PROJECT NUMBER: P-273/2018-2 DATE: Novi Sad, 2018. SCALE: R=1:/ DRAWING NO: 4.1

Tipsko rešenje 4 - Plan označavanja i obezbeđenja gradilišta u naselju (otvorena deonica puta)
Naizmenično propuštanje saobraćaja pomoću svetlosnih saobraćajnih znakova (semafora)


Državni put II B reda, broj 302,
deonica Rabe- Granica RS
Aplikativna žuta traka,
d= 0,12m
Dužina gradilišta- L= do 200 m
00+020,00
2,2 m
III-17
KL 2
f60
20,0
10,0
1:10
10,0
10,0
1:5
5,0
20,0
3,0
3,0
Vozačka lanterna
A.1
Vozačka lanterna
A.2
00+030,00
2,2 m
II-30
KL 2
f60
30
00+050,00
3,0 m
I-20
KL 2
90x90x90
II-28
KL 2
f60
00+070,00
2,5 m
I-19
KL 2
90x90x90
Trepćuće svetlo- TS-4
(180mm, žute boje)
25x100
VII-3.1
KL 2
VII-3
KL 2
Trepćuće svetlo- TS-1
(180mm, žute boje)
Trepćuće svetlo- TS-2
(180mm, žute boje)
II-45.1
KL 2
f40
VII-3.1/VII-3
KL 2
II-45
KL 2
f40

Napomena: Sve udaljenosti su date u metrima. Maksimalna dužina gradilišta na otvorenoj deonici puta u naselju je do 200 metara. Prikazani detalj se koristi tokom zauzeća desne saobraćajne trake posmatrano u pravcu rasta stacionaže.

INVESTOR:

PE "Urban and spatial planning
institute of Vojvodina"
Železnička no. 6/III, 21000 Novi Sad

DESIGN CHECK:

Igor Vukobratović,
traffic engineer
licence number: 370 F072 07

Игор С. Вукобратовић
дипл. инж. саоб.
370 F072 07

TYPE OF PROJECT:

TECHNICAL DOCUMENTATION FOR REHABILITATION AND
INCREASED MAINTENANCE OF THE STATE ROAD IIB CLASS,
NUMBER 302, SECTION:
RABE- BOREDR OF THE REPUBLIC OF SERBIA FROM
km 06+072,00 TO km 07+438,35

DESIGN ORGANIZATION:

projektovanje i inženjering

"ADOMNE" d.o.o.
Šumadijska no.16/b, 21000 Novi Sad

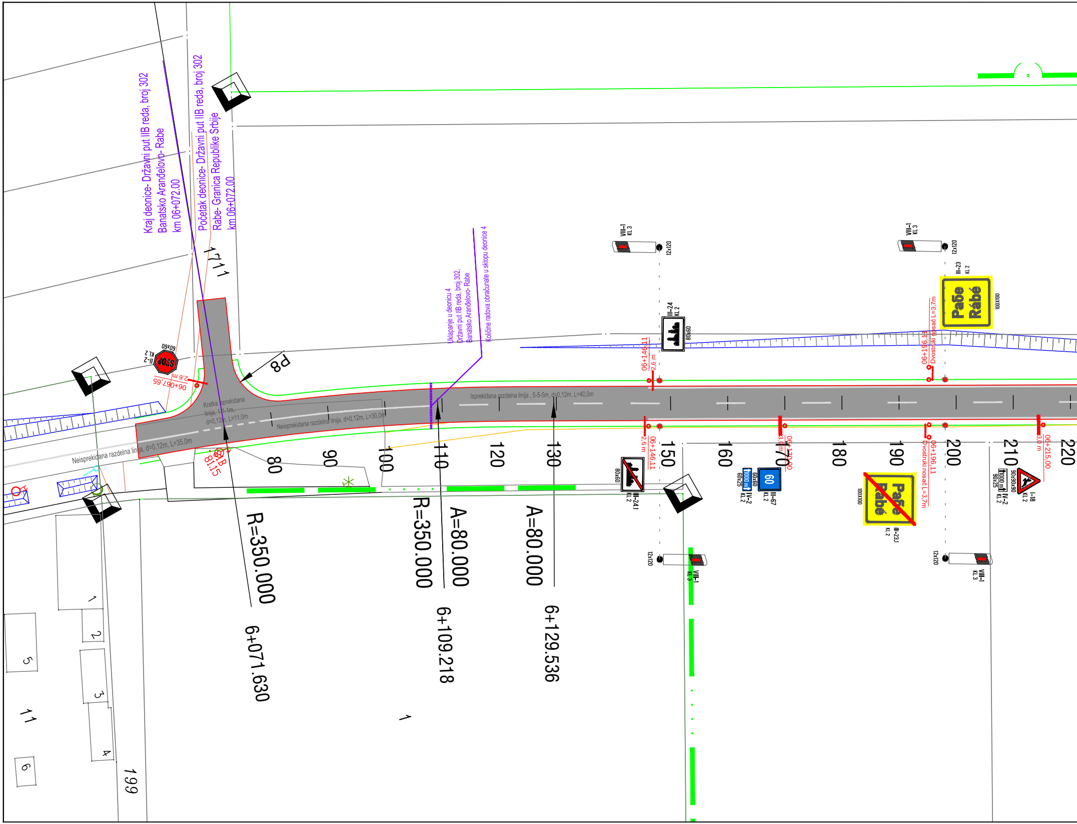
DESIGNERS:

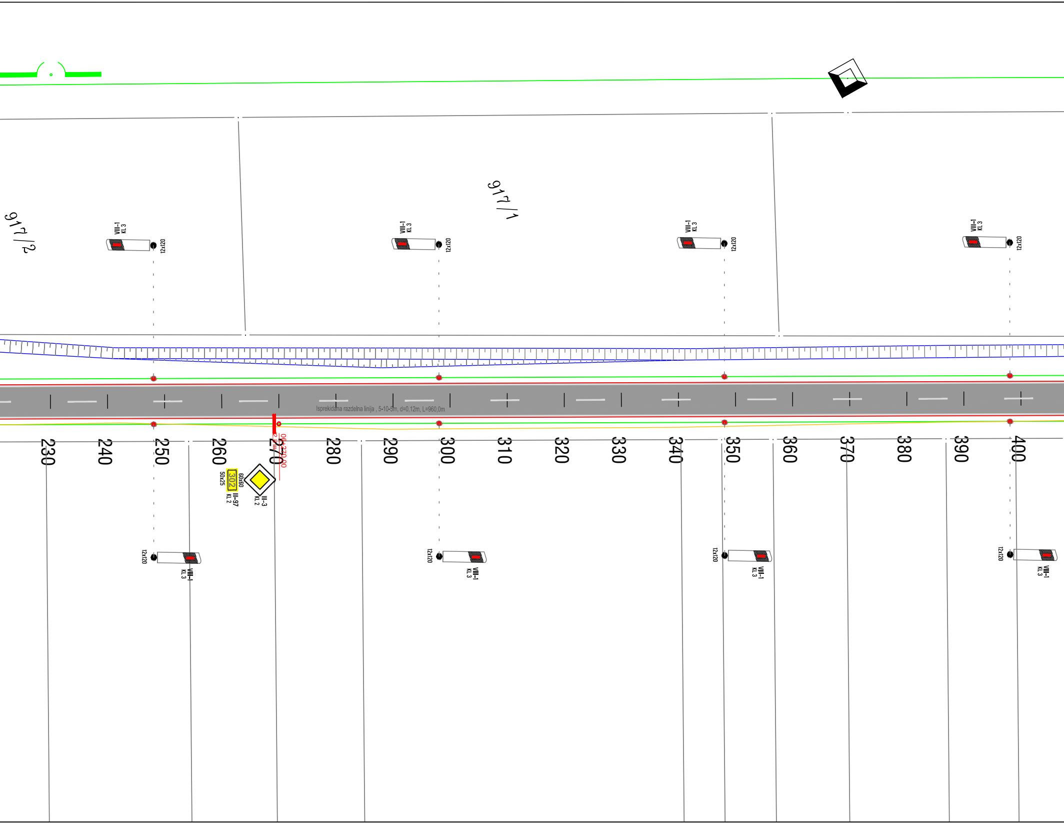
DRAWING NAME:

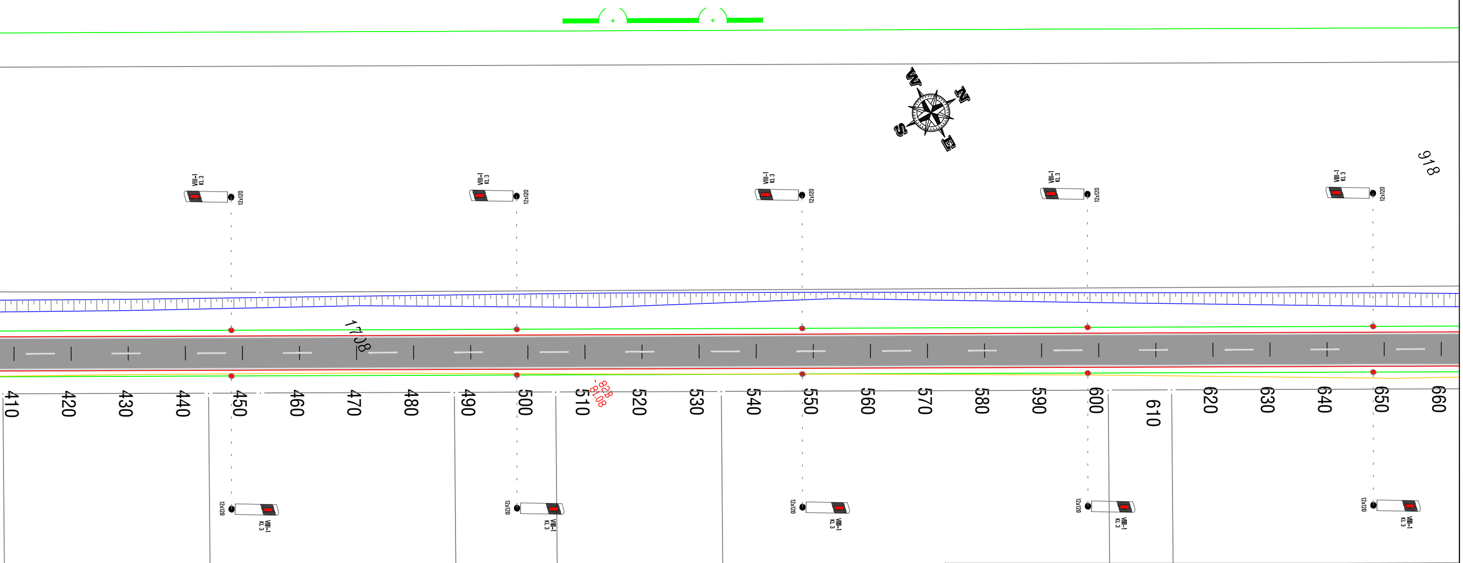
MODEL SOLUTION 4- LENGHT OF THE CONSTRUCTION SITE 200m
-OPEN SECTION OF THE ROAD IN THE SETTLEMENT-
-OCCUPYING RIGHT TRAFFIC LANE-

COLLABORATOR:

PROJECT NUMBER:	DATE:	SCALE:	DRAWING NO:
P-273/2018-2	Novi Sad, 2018.	R=1:/	4.2


Kraj deonice- Državni put IIB reda, broj 302
Banatsko Aranđelovo- Rabe
km 06+072.00
Početak deonice- Državni put IIB reda, broj 302
Rabe- Granica Republike Srbije
km 06+072.00
1711
Uklapanje u deonicu 4
Državni put IIB reda, broj 302,
Banatsko Aranđelovo- Rabe
Količine radova obračunate u sklopu deonice 4
P8
II-2
KL 2
60x60
STOP
06+067,65
2,6 m
Kratka isprekidana linija, 1-1-1m, d=0,12m, L=11,0m
Neisprekidana razdelna linija, d=0,12m, L=30,0m
Neisprekidana razdelna linija, d=0,12m, L=35,0m
Isprekidana razdelna linija , 5-5-5m, d=0,12m, L=40,0m
81,15
80
90
100
110
120
130
150
160
170
180
190
200
210
220
R=350.000
6+071.630
R=350.000
A=80.000
6+109.218
A=80.000
6+129.536
VIII-1
KL 3
12x120
III-24
KL 2
80x60
06+146,11
2,6 m
III-24.1
KL 2
80x60
06+170,00
3,0 m
III-67
KL 2
60x60
60
IV-2
KL 2
60x25
1000 m
III-23
KL 2
100X100
Рабе
Rábé
06+196,11
Dvostruki nosač L=3,7m
III-23.1
KL 2
100X100
06+215,00
3,0 m
I-18
KL 2
90x90x90
IV-2
KL 2
90x25
1000 m
1
2
3
4
5
6
11
199
1


917/2
917/1
VIII-1 KL 3
12x120
VIII-1 KL 3
12x120
VIII-1 KL 3
12x120
VIII-1 KL 3
12x120
Isprekidana razdelna linija , 5-10-5m, d=0,12m, L=960,0m
230
240
250
260
270
06+270.00
2,8m
280
290
300
310
320
330
340
350
360
370
380
390
400
302
III-97 KL 2
50x25
60x60
III-3 KL 2
12x120
VIII-1 KL 3
12x120
VIII-1 KL 3
12x120
VIII-1 KL 3
12x120
VIII-1 KL 3



W
N
S
E
918
VIII-1
KL 3
12x120
1708
410
420
430
440
450
460
470
480
490
500
510
520
530
540
550
560
570
580
590
600
610
620
630
640
650
660

INVESTOR:

PE "Urban and spatial planning institute of Vojvodina"
Železnička no. 6/III, 21000 Novi Sad

DESIGN CHECK:

Igor Vukobratović,
traffic engineer
licence number: 370 F072 07

Игор С. Вукобратовић
370 F072 07

TYPE OF THE PROJECT:

TECHNICAL DOCUMENTATION FOR REHABILITATION AND MAINTENANCE OF THE STATE ROAD IIB CLASS, NUMBER 302, SECTION:
RABE- BORDER OF THE REPUBLIC OF SERBIA FROM km 06+072,00 TO km 07+438,35

DESIGN ORGANIZATION:

"ADOMNE" d.o.o.
Šumadijska no.16/b, 21000 Novi Sad

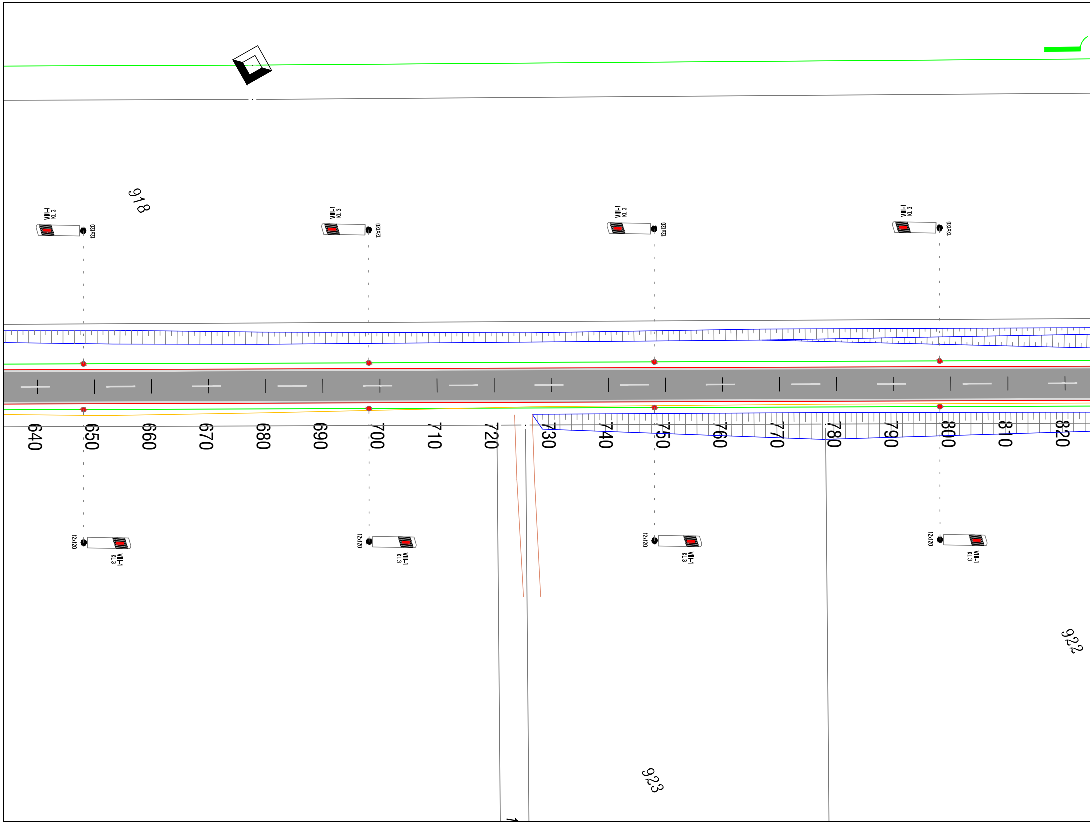
DESIGNERS:

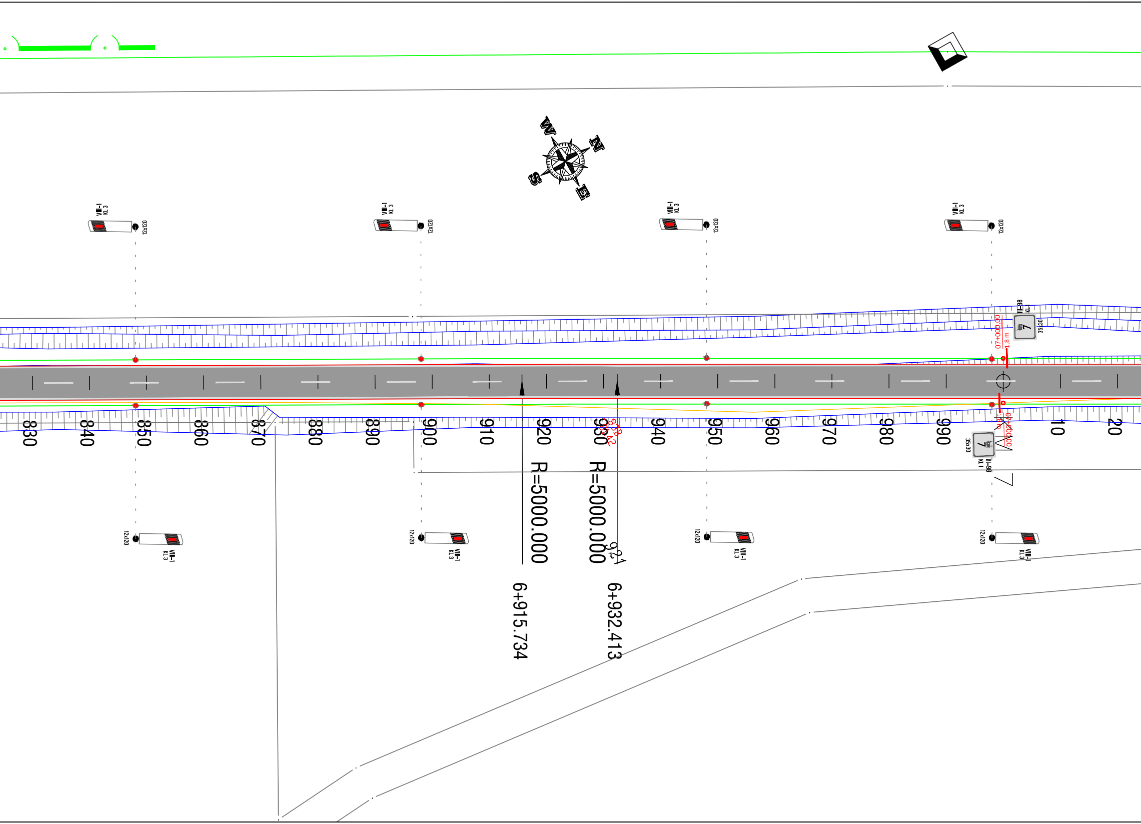
COLLABORATOR:

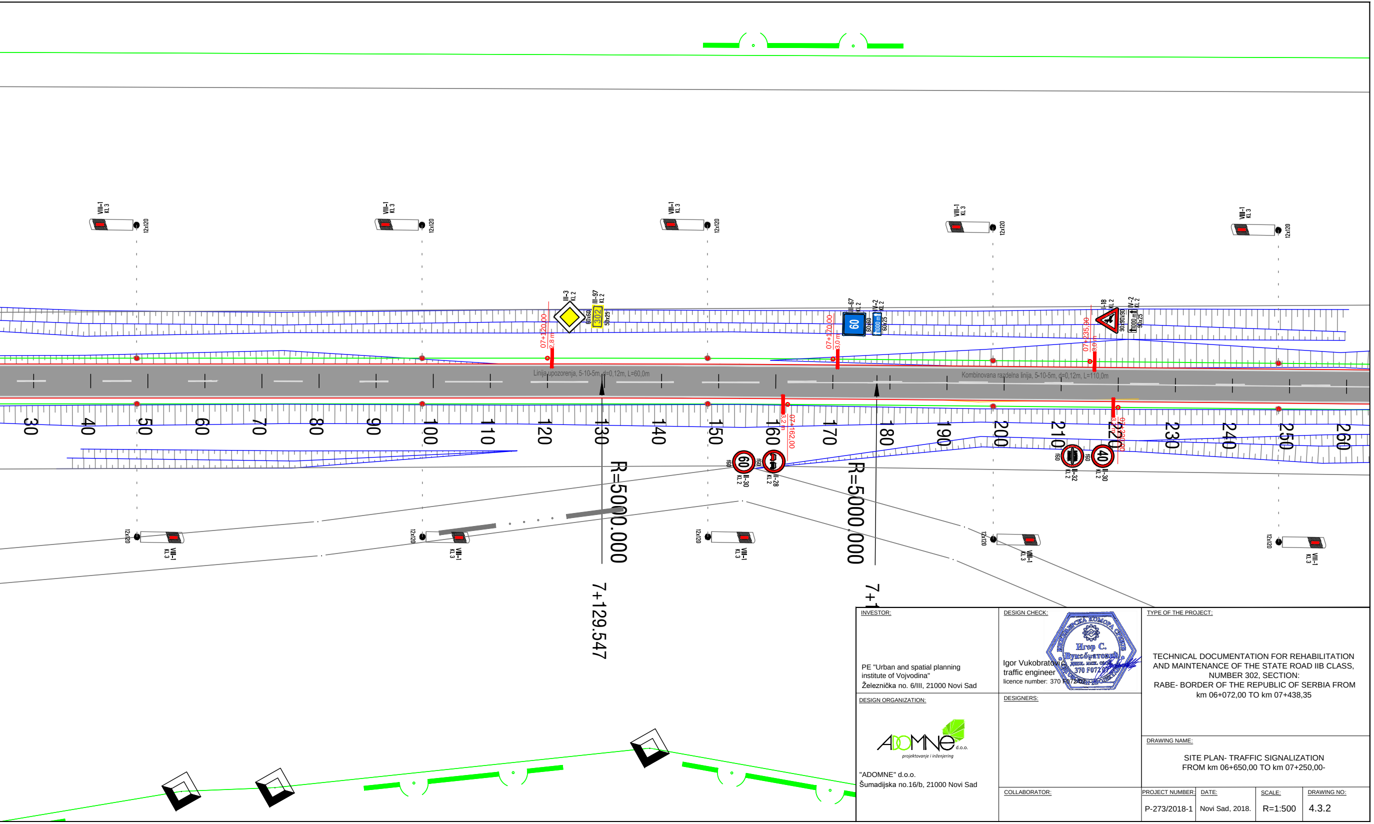
DRAWING NAME:

SITE PLAN- TRAFFIC SIGNALIZATION
FROM km 06+072,00 TO km 06+650,00

PROJECT NUMBER:	DATE:	SCALE:	DRAWING NO:
P-273/2018-1	Novi Sad, 2018.	R=1:500	4.3.1


918
VIII-1
KL 3
12x120
VIII-1
KL 3
12x120
VIII-1
KL 3
12x120
VIII-1
KL 3
12x120
640
650
660
670
680
690
700
710
720
730
740
750
760
770
780
790
800
810
820
12x120
VIII-1
KL 3
12x120
VIII-1
KL 3
12x120
VIII-1
KL 3
12x120
VIII-1
KL 3
922
923


W
N
S
E
VIII-1
KL 3
12x120
VIII-1
KL 3
12x120
VIII-1
KL 3
12x120
VIII-1
KL 3
12x120
III-98
KL 1
35x30
km
7
07+000,00
1,8 m
830
840
850
860
870
880
890
900
910
920
930
940
950
960
970
980
990
10
20
833B
981.42
07+000,00
1,8 m
km
7
35x30
III-98
KL 1
R=5000.000
R=5000.000
921
6+915.734
6+932.413
12x120
VIII-1
KL 3
12x120
VIII-1
KL 3
12x120
VIII-1
KL 3
12x120
VIII-1
KL 3


VIII-1 KL 3
12x120
III-3 KL 2
60x60
III-97 KL 2
302
50x25
07+120,00
2,8 m
III-67 KL 2
60
60x60
IV-2 KL 2
1000 m
60x25
07+170,00
3,0 m
I-18 KL 2
90x90x90
IV-2 KL 2
1000 m
90x25
07+235,90
3,0 m
Linija upozorenja, 5-10-5m, d=0,12m, L=60,0m
Kombinovana razdelna linija, 5-10-5m, d=0,12m, L=110,0m
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
190
200
210
220
230
240
250
260
07+162,00
3,2 m
07+220,00
3,2 m
60
f60
II-30 KL 2
f60
II-28 KL 2
f60
II-32 KL 2
40
f60
II-30 KL 2
R=5000.000
R=5000.000
7+129.547
7+1

INVESTOR:

PE "Urban and spatial planning
institute of Vojvodina"
Železnička no. 6/III, 21000 Novi Sad

DESIGN CHECK:

Igor Vukobratović
traffic engineer
licence number: 370 F072 07

Игор С. Вукобратовић
370 F072 07

TYPE OF THE PROJECT:

TECHNICAL DOCUMENTATION FOR REHABILITATION AND MAINTENANCE OF THE STATE ROAD IIB CLASS, NUMBER 302, SECTION:
RABE- BORDER OF THE REPUBLIC OF SERBIA FROM km 06+072,00 TO km 07+438,35

DESIGN ORGANIZATION:

"ADOMNE" d.o.o.
Šumadijska no.16/b, 21000 Novi Sad

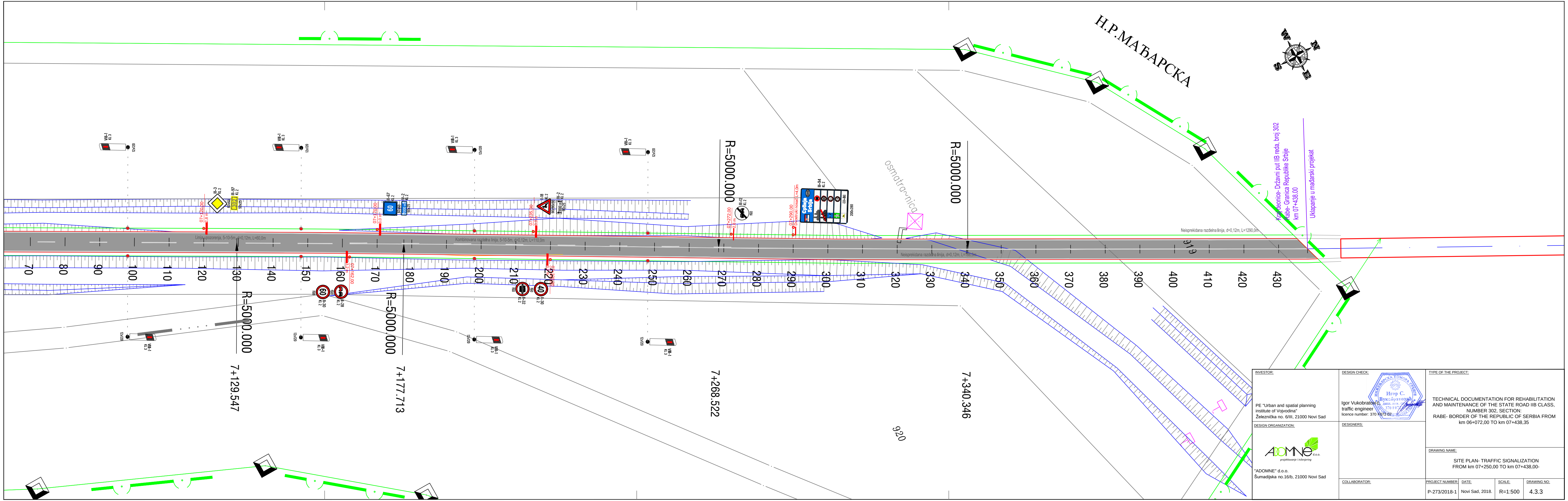
DESIGNERS:

COLLABORATOR:

DRAWING NAME:

SITE PLAN- TRAFFIC SIGNALIZATION
FROM km 06+650,00 TO km 07+250,00-

PROJECT NUMBER:	DATE:	SCALE:	DRAWING NO:
P-273/2018-1	Novi Sad, 2018.	R=1:500	4.3.2


Н.Р.МАЂАРСКА
N
E
S
W
R=5000.000
R=5000.000
R=5000.000
R=5000.000
7+129.547
7+177.713
7+268.522
7+340.346
70
80
90
100
110
120
130
140
150
160
170
180
190
200
210
220
230
240
250
260
270
280
290
300
310
320
330
340
350
360
370
380
390
400
410
420
430
919
920
osmatračnica
60
40
Neisprekidana razdelna linija, d=0,12m, L=1290,0m
Kombinovana razdelna linija, 5-10-5m, d=0,12m, L=110,0m
Neisprekidana razdelna linija, d=0,12m
Krajdeonice- Državni put IIB reda, broj 302
Rabe- Granica Republike Srbije
km 07+438,00
Uklapanje u mađarski projekat

INVESTOR:

PE "Urban and spatial planning
institute of Vojvodina"
Železnička no. 6/III, 21000 Novi Sad

DESIGN CHECK:

Igor Vukobratović,
traffic engineer
licence number: 370 F072 07

Игор С. Вукобратовић
дипл. инж. саоб.
370 F072 07

DESIGN ORGANIZATION:

ADOMNE d.o.o.
projektovanje i inženjering

"ADOMNE" d.o.o.
Šumadijska no.16/b, 21000 Novi Sad

DESIGNERS:

COLLABORATOR:

TYPE OF THE PROJECT:

TECHNICAL DOCUMENTATION FOR REHABILITATION
AND MAINTENANCE OF THE STATE ROAD IIB CLASS,
NUMBER 302, SECTION:
RABE- BORDER OF THE REPUBLIC OF SERBIA FROM
km 06+072,00 TO km 07+438,35

DRAWING NAME:

SITE PLAN- TRAFFIC SIGNALIZATION
FROM km 07+250,00 TO km 07+438,00-

PROJECT NUMBER:	DATE:	SCALE:	DRAWING NO:
P-273/2018-1	Novi Sad, 2018.	R=1:500	4.3.3