

# TABELA ANKER BLOKOVA ZA CJEVOVOD ODVOJAKA

|                                                                                                                                                          |       |                                                                                                                                                                                                      |  |            |       |   |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|-------|---|---|
|  <div>EU funded project<br/>Projekat finansira Europska Unija</div> |       | <div>WYG International <small>part of the WYG group</small><br/><small>creative minds safe hands</small></div>  |  |            |       |   |   |
| Client/Klient<br><br>INFRASTRUCTURE PROJECTS FACILITY<br>IN THE WESTERN BALKANS                                                                          |       | Consultant/Konsultant<br><br>WYG INTERNATIONAL<br>UK                                                                                                                                                 |  |            |       |   |   |
|                                                                                                                                                          |       |  INSTITUT ZA HIDROTEHNIKU<br>GRADEVINSKOG FAKULTETA U SARAJEVU                                                  |  |            |       |   |   |
| Project/Projekat<br><br>REGIONALNI SISTEM VODOSNABDIJEVANJA PLAVA VODA                                                                                   |       |                                                                                                                                                                                                      |  |            |       |   |   |
| Project status/Tip Projekta<br><br>GLAVNI PROJEKT                                                                                                        |       | Drawing date      Drawing status<br>/Datum crteža:      /Status Crteža<br>11.06.2011.      FINAL<br>Drawing approved/Crtež odobren:<br>17.12.2011.                                                   |  |            |       |   |   |
| Drawing name/Ime Priloga<br><br>TABELA ANKER BLOKOVA<br>ZA CJEVOVOD ODVOJAKA                                                                             |       | Drawing scale/Mjerilo crteža (Priloga)<br><br>Format<br>A3(420/297 mm)                                                                                                                               |  |            |       |   |   |
|                                                                                                                                                          |       | Drawing no/ Prilog broj<br>2B.31                                                                                                                                                                     |  |            |       |   |   |
|                                                                                                                                                          |       | <table><tr><td>Sheet/List</td><td>Of/Od</td></tr><tr><td>1</td><td>7</td></tr></table>                                                                                                               |  | Sheet/List | Of/Od | 1 | 7 |
| Sheet/List                                                                                                                                               | Of/Od |                                                                                                                                                                                                      |  |            |       |   |   |
| 1                                                                                                                                                        | 7     |                                                                                                                                                                                                      |  |            |       |   |   |

TABELA ANKER BLOKOVA NA ODVOJKU DOLAC NA LAŠVI

| Tjeme | Stacionaža | $\alpha$ -hor | $\alpha$ -ver | $\sin(\alpha\text{-hor}/2)$ | $\sin(\alpha\text{-ver})/2$ | $\Phi$ (mm) | N (kN) | $R = 2 \cdot N \cdot \sin(\alpha\text{-hor})/2$ (kN) | $R = 2 \cdot N \cdot \sin(\alpha\text{-ver})/2$ (kN) | potA= $R/\sigma$ (m2) | Usvojena dužina (A) | Usvojena širina (V)/visina (H) = (B) | Usvojena površina axb | a'   | x     | y     | a''  | Vbr  | V m3 | L    | Tip bloka |
|-------|------------|---------------|---------------|-----------------------------|-----------------------------|-------------|--------|------------------------------------------------------|------------------------------------------------------|-----------------------|---------------------|--------------------------------------|-----------------------|------|-------|-------|------|------|------|------|-----------|
| T2/P1 | 0+003.17   |               | -15.00        | 0.00                        | -0.13                       | 250         | 78.54  | 0.00                                                 | -20.50                                               | 0.00                  | 1.02                | 1.00                                 | 1.02                  | 1.02 |       |       |      | 1.04 | 0.99 | 1.02 | V2        |
| T3    | 0+009.59   | 61.00         | 8.60          | 0.51                        | 0.07                        | 250         | 78.54  | 79.72                                                | 11.78                                                | 0.53                  | 1.1                 | 0.5                                  | 0.55                  | 0.44 | 0.644 | -0.14 | -0.3 | 0.11 | 0.07 |      | H         |
| T6    | 0+045.54   |               | -15.30        | 0.00                        | -0.13                       | 250         | 78.54  | 0.00                                                 | -20.91                                               | 0.00                  | 1.03                | 1.00                                 | 1.03                  | 1.03 |       |       |      | 1.06 | 1.01 | 1.03 | V2        |
| T8    | 0+065.87   | 78            |               | 0.63                        | 0.00                        | 225         | 63.62  | 80.07                                                | 0.00                                                 | 0.53                  | 1.1                 | 0.5                                  | 0.55                  | 0.19 | 0.665 | -0.22 | -0.4 | 0.08 |      |      | PROSTORNI |
|       |            |               | -7.1          | 0.00                        | -0.06                       | 225         | 63.62  | 0.00                                                 | -7.88                                                | 0.00                  | 0.64                | 1.00                                 | 0.64                  | 0.64 |       |       |      | 0.41 | 0.38 | 0.64 |           |
| T9b   | 0+079.01   |               | 59.3          | 0.00                        | 0.49                        | 225         | 63.62  | 0.00                                                 | 62.95                                                | 0.42                  | 0.9                 | 0.5                                  | 0.45                  | 0.46 | 0.61  | 0.00  | 0    | 0.00 | 0.21 |      | V1        |
| T9c   | 0+082.85   |               | -37.4         | 0.00                        | -0.32                       | 225         | 63.62  | 0.00                                                 | -40.79                                               | 0.00                  | 1.42                | 1.00                                 | 1.42                  | 1.42 |       |       |      | 2.02 | 1.96 | 1.42 | V2        |
| T13   | 0+192.75   | 29            | -10.10        | 0.25                        | -0.09                       | 225         | 63.62  | 31.86                                                | -11.20                                               | 0.21                  | 0.75                | 1.00                                 | 0.75                  | 0.75 |       |       |      | 0.57 | 0.54 | 0.75 | V2        |
| T14   | 0+206.57   | 22            | -16.50        | 0.19                        | -0.14                       | 225         | 63.62  | 24.28                                                | -18.26                                               | 0.16                  | 0.96                | 1.00                                 | 0.96                  | 0.96 |       |       |      | 0.92 | 0.88 | 0.96 | V2        |

Ukupno :

4.98

V1 - vertikalni lom sa rezultantom prema dole  
V2 - vertikalni lom sa rezultantom prema gore  
H - horizontalni lom

TABELA ANKER BLOKOVA NA ODVOJKU NOVA BILA

| Tjeme   | Stacionaža | $\alpha$ -hor | $\alpha$ -ver | $\sin(\alpha\text{-hor}/2)$ | $\sin(\alpha\text{-ver})/2$ | $\Phi$ (mm) | N (kN) | $R = 2 \cdot N \cdot \sin(\alpha\text{-hor})/2$ (kN) | $R = 2 \cdot N \cdot \sin(\alpha\text{-ver})/2$ (kN) | $\text{potA} = R/\sigma$ (m2) | Usvojena dužina (A) | Usvojena širina (V)/visina (H) = (B) | Usvojena površina axb | a'   | x     | y     | a'' | Vbr  | V m3 | L    | Tip bloka |
|---------|------------|---------------|---------------|-----------------------------|-----------------------------|-------------|--------|------------------------------------------------------|------------------------------------------------------|-------------------------------|---------------------|--------------------------------------|-----------------------|------|-------|-------|-----|------|------|------|-----------|
|         |            |               |               |                             |                             |             |        |                                                      |                                                      |                               |                     |                                      |                       |      |       |       |     |      |      |      |           |
| T8      | 0+223.62   | 36            | 0.00          | 0.31                        | 0.00                        | 250         | 78.54  | 48.54                                                | 0.00                                                 | 0.32                          | 0.9                 | 0.5                                  | 0.45                  | 0.73 | 0.515 | -0.01 | -0  | 0.11 | 0.07 |      | H         |
| T12a    | 0+350.45   |               | -7.30         | 0.00                        | -0.06                       | 250         | 78.54  | 0.00                                                 | -10.00                                               | 0.00                          | 0.65                | 1.20                                 | 0.78                  | 0.65 |       |       |     | 0.51 | 0.48 | 0.65 | v2        |
| T14/P16 | 0+376.33   | 0             | -7.80         | 0.00                        | -0.07                       | 250         | 78.54  | 0.00                                                 | -10.68                                               | 0.00                          | 0.68                | 1.20                                 | 0.81                  | 0.68 |       |       |     | 0.55 | 0.52 | 0.68 | v2        |

V1 - vertikalni lom sa rezultantom prema dole  
V2 - vertikalni lom sa rezultantom prema gore  
H - horizontalni lom

|         |      |
|---------|------|
| Ukupno: | 1.07 |
|---------|------|

TABELA ANKER BLOKOVA NA ODVOJKU NOVI TRAVNIK

| Tjeme     | Stacionaža | $\alpha$ -hor | $\alpha$ -ver | $\sin(\alpha\text{-hor}/2)$ | $\sin(\alpha\text{-ver})/2$ | $\phi$ (mm) | N (kN) | $R = 2 \cdot N \cdot \sin(\alpha\text{-hor})/2$ (kN) | $R = 2 \cdot N \cdot \sin(\alpha\text{-ver})/2$ (kN) | potA= $R/\sigma$ (m2) | Usvojena dužina (A) | Usvojena širina (V)/visina (H) = (B) | Usvojena površina axb | a'   | x     | y     | a''  | Vbr  | V m3 | L    | Tip bloka |           |
|-----------|------------|---------------|---------------|-----------------------------|-----------------------------|-------------|--------|------------------------------------------------------|------------------------------------------------------|-----------------------|---------------------|--------------------------------------|-----------------------|------|-------|-------|------|------|------|------|-----------|-----------|
| T5        | 0+291.28   |               | -24.60        | 0.00                        | -0.21                       | 250         | 78.54  | 0.00                                                 | -33.46                                               | 0.00                  | 1.29                | 1.00                                 | 1.29                  | 1.29 |       |       |      |      | 1.67 | 1.61 | 1.2936    | v2        |
| T8        | 0+303.52   | 88            |               | 0.69                        | 0.00                        | 250         | 78.54  | 109.12                                               | 0.00                                                 | 0.73                  | 1.5                 | 0.5                                  | 0.75                  | 0.03 | 0.700 | -0.20 | -0.4 | 0.13 |      |      |           | prostorni |
|           |            |               | -19.80        | 0.00                        | -0.17                       | 250         | 78.54  | 0.00                                                 | -27.01                                               | 0.00                  | 1.16                | 1.00                                 | 1.16                  | 1.16 |       |       |      |      | 1.36 | 1.3  | 1.165     |           |
| T10       | 0+406.13   | 76            |               | 0.62                        | 0.00                        | 250         | 78.54  | 96.71                                                | 0.00                                                 | 0.64                  | 1.3                 | 0.5                                  | 0.65                  | 0.22 | 0.687 | -0.19 | -0.4 | 0.12 | 0.08 |      |           | H         |
| T13       | 0+661.88   |               | -16.90        | 0.00                        | -0.15                       | 250         | 78.54  | 0.00                                                 | -23.08                                               | 0.00                  | 1.08                | 1.00                                 | 1.08                  | 1.08 |       |       |      |      | 1.16 | 1.11 | 1.0784    | v2        |
| T21       | 0+842.17   | 31            |               | 0.27                        | 0.00                        | 250         | 78.54  | 41.98                                                | 0.00                                                 | 0.28                  | 0.9                 | 0.5                                  | 0.45                  | 0.77 | 0.482 | 0.02  | 0.04 | 0.12 |      |      |           | prostorni |
|           |            |               | 27.70         | 0.00                        | 0.24                        | 250         | 78.54  | 0.00                                                 | 37.60                                                | 0.00                  | 0.9                 | 0.5                                  | 0.45                  | 0.90 | 0.250 | 0.25  | 0.9  | 0.23 | 0.13 |      |           |           |
| T22       | 0+847.42   | 32            |               | 0.28                        | 0.00                        | 250         | 78.54  | 43.30                                                | 0.00                                                 | 0.29                  | 0.9                 | 0.5                                  | 0.45                  | 0.76 | 0.488 | 0.01  | 0.03 | 0.12 |      |      |           | prostorni |
|           |            |               | -28.40        | 0.00                        | -0.25                       | 250         | 78.54  | 0.00                                                 | -38.53                                               | 0.00                  | 1.38                | 1.00                                 | 1.38                  | 1.38 |       |       |      |      | 1.92 | 1.85 | 1.3849    |           |
| T23       | 0+881.97   | 31            |               | 0.27                        | 0.00                        | 250         | 78.54  | 41.98                                                | 0.00                                                 | 0.28                  | 0.9                 | 0.5                                  | 0.45                  | 0.77 | 0.482 | 0.02  | 0.04 | 0.12 |      |      |           | prostorni |
|           |            |               | -15.30        | 0.00                        | -0.13                       | 250         | 78.54  | 0.00                                                 | -20.91                                               | 0.00                  | 1.03                | 1.00                                 | 1.03                  | 1.03 |       |       |      |      | 1.06 | 1.01 | 1.0298    |           |
| T24       | 0+890.83   | 28            |               | 0.24                        | 0.00                        | 250         | 78.54  | 38.00                                                | 0.00                                                 | 0.25                  | 0.9                 | 0.5                                  | 0.45                  | 0.79 | 0.461 | 0.04  | 0.08 | 0.12 |      |      |           | prostorni |
|           |            |               | 15.80         | 0.00                        | 0.14                        | 250         | 78.54  | 0.00                                                 | 21.59                                                | 0.00                  | 0.9                 | 0.5                                  | 0.45                  | 0.90 | 0.250 | 0.25  | 0.9  | 0.23 | 0.13 |      |           |           |
| T26       | 0+939.99   | 35            |               | 0.30                        | 0.00                        | 250         | 78.54  | 47.23                                                | 0.00                                                 | 0.31                  | 0.9                 | 0.5                                  | 0.45                  | 0.74 | 0.508 | -0.01 | -0   | 0.11 | 0.07 |      |           | H         |
| T27       | 0+946.53   | 45            |               | 0.38                        | 0.00                        | 250         | 78.54  | 60.11                                                | 0.00                                                 | 0.40                  | 0.9                 | 0.5                                  | 0.45                  | 0.64 | 0.568 | -0.07 | -0.1 | 0.10 | 0.06 |      |           | H         |
| T60/P122  | 3+025.12   |               | -9.30         | 0.00                        | -0.08                       | 250         | 78.54  | 0.00                                                 | -12.73                                               | 0.00                  | 0.81                | 1.00                                 | 0.81                  | 0.81 |       |       |      |      | 0.66 | 0.62 | 0.8123    | V2        |
| T67b      | 3+457.12   | 51            |               | 0.43                        | 0.00                        | 280         | 123.15 | 106.03                                               | 0.00                                                 | 0.71                  | 1.5                 | 0.5                                  | 0.75                  | 0.57 | 0.630 | -0.07 | -0.2 | 0.19 | 0.14 |      |           | H         |
| T67c      | 3+471.27   | 49            | -2.30         | 0.41                        | -0.02                       | 280         | 123.15 | 102.14                                               | -4.94                                                | 0.68                  | 1.4                 | 0.5                                  | 0.7                   | 0.59 | 0.620 | -0.06 | -0.1 | 0.18 | 0.13 |      |           | H         |
| T67e      | 3+479.84   | 40            |               | 0.34                        | 0.00                        | 280         | 123.15 | 84.24                                                | 0.00                                                 | 0.56                  | 1.2                 | 0.5                                  | 0.6                   | 0.69 | 0.569 | -0.01 | -0   | 0.17 | 0.12 |      |           | H         |
| T99       | 4+896.56   | 89            |               | 0.70                        | 0.00                        | 280         | 123.15 | 172.63                                               | 0.00                                                 | 1.15                  | 2.4                 | 0.5                                  | 1.2                   | 0.02 | 0.730 | -0.17 | -0.6 | 0.26 | 0.2  |      |           | H         |
| T100      | 4+918.81   | 71            |               | 0.58                        | 0.00                        | 280         | 123.15 | 143.03                                               | 0.00                                                 | 0.95                  | 2                   | 0.5                                  | 1                     | 0.29 | 0.705 | -0.15 | -0.4 | 0.22 | 0.17 |      |           | H         |
| T114      | 5+387.71   | 62            |               | 0.52                        | 0.00                        | 280         | 123.15 | 126.85                                               | 0.00                                                 | 0.85                  | 1.7                 | 0.5                                  | 0.85                  | 0.42 | 0.677 | -0.12 | -0.3 | 0.20 | 0.15 |      |           | H         |
| T116      | 5+408.49   | 49            |               | 0.41                        | 0.00                        | 280         | 123.15 | 102.14                                               | 0.00                                                 | 0.68                  | 1.4                 | 0.5                                  | 0.7                   | 0.59 | 0.620 | -0.06 | -0.1 | 0.18 | 0.13 |      |           | H         |
| T118      | 5+495.51   | 88            |               | 0.69                        | 0.00                        | 280         | 123.15 | 171.09                                               | 0.00                                                 | 1.14                  | 2.3                 | 0.5                                  | 1.15                  | 0.03 | 0.730 | -0.17 | -0.5 | 0.25 | 0.19 |      |           | H         |
| T121      | 5+561.09   | 48            |               | 0.41                        | 0.00                        | 280         | 123.15 | 100.18                                               | 0.00                                                 | 0.67                  | 1.4                 | 0.5                                  | 0.7                   | 0.60 | 0.614 | -0.05 | -0.1 | 0.18 | 0.13 |      |           | H         |
| T126      | 5+748.95   | 33            |               | 0.28                        | 0.00                        | 250         | 78.54  | 44.61                                                | 0.00                                                 | 0.30                  | 0.9                 | 0.5                                  | 0.45                  | 0.75 | 0.495 | 0.00  | 0.01 | 0.11 | 0.07 |      |           | H         |
| T134/P237 | 5+886.34   |               | -6.80         | 0.00                        | -0.06                       | 250         | 78.54  | 0.00                                                 | -9.32                                                | 0.00                  | 0.70                | 1.00                                 | 0.70                  | 0.70 |       |       |      |      | 0.48 | 0.45 | 0.6958    | V2        |
| T135/P238 | 5+911.17   | 38            |               | 0.33                        | 0.00                        | 250         | 78.54  | 51.14                                                | 0.00                                                 | 0.34                  | 0.9                 | 0.5                                  | 0.45                  | 0.71 | 0.527 | -0.03 | -0.1 | 0.11 | 0.07 |      |           | H         |
| T139      | 6+023.45   | 44            |               | 0.37                        | 0.00                        | 250         | 78.54  | 58.84                                                | 0.00                                                 | 0.39                  | 0.9                 | 0.5                                  | 0.45                  | 0.65 | 0.563 | -0.06 | -0.1 | 0.10 | 0.06 |      |           | H         |
| T153/P263 | 6+537.26   |               | -6.10         | 0.00                        | -0.05                       | 250         | 78.54  | 0.00                                                 | -8.36                                                | 0.00                  | 0.67                | 1.00                                 | 0.67                  | 0.67 |       |       |      |      | 0.44 | 0.41 | 0.6653    | V2        |
| T159      | 6+663.29   | 76            |               | 0.62                        | 0.00                        | 250         | 78.54  | 96.71                                                | 0.00                                                 | 0.64                  | 1.3                 | 0.5                                  | 0.65                  | 0.22 | 0.687 | -0.19 | -0.4 | 0.12 | 0.08 |      |           | H         |
| T162/P269 | 6+688.35   |               | -10.10        | 0.00                        | -0.09                       | 250         | 78.54  | 0.00                                                 | -13.83                                               | 0.00                  | 0.84                | 1.00                                 | 0.84                  | 0.84 |       |       |      |      | 0.71 | 0.67 | 0.8434    | V2        |
| T163      | 6+710.55   | 67            |               | 0.55                        | 0.00                        | 250         | 78.54  | 86.70                                                | 0.00                                                 | 0.58                  | 1.2                 | 0.5                                  | 0.6                   | 0.35 | 0.664 | -0.16 | -0.3 | 0.11 |      |      |           | Prostorni |
|           |            |               | -11.10        | 0.00                        | -0.10                       | 250         | 78.54  | 0.00                                                 | -15.19                                               | 0.00                  | 0.88                | 1.00                                 | 0.88                  | 0.88 |       |       |      |      | 0.77 | 0.73 | 0.8793    |           |

|         |       |
|---------|-------|
| Ukupno: | 11.87 |
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V1 - vertikalni lom sa rezultantom prema dole  
V2 - vertikalni lom sa rezultantom prema gore  
H - horizontalni lom

TABELA ANKER BLOKOVA NA ODVOJKU VITEZ

| Tjeme   | Stacionaža | $\alpha$ -hor | $\alpha$ -ver | $\sin(\alpha\text{-hor}/2)$ | $\sin(\alpha\text{-ver})/2$ | $\Phi$ (mm) | N (kN)       | $R = 2 \cdot N \cdot \sin(\alpha\text{-hor})/2$ (kN) | $R = 2 \cdot N \cdot \sin(\alpha\text{-ver})/2$ (kN) | potA= $R/\sigma$ (m2) | Usvojena dužina (A) | Usvojena širina (V)/visina (H) = (B) | Usvojena površina axb | a'          | x     | y     | a''  | Vbr         | V m3        | L           | Tip bloka |
|---------|------------|---------------|---------------|-----------------------------|-----------------------------|-------------|--------------|------------------------------------------------------|------------------------------------------------------|-----------------------|---------------------|--------------------------------------|-----------------------|-------------|-------|-------|------|-------------|-------------|-------------|-----------|
| T2      | 0+035.01   | 89.00         |               | 0.70                        | 0.00                        | 225         | 63.62        | 89.18                                                | 0.00                                                 | 0.59                  | 1.2                 | 0.5                                  | <b>0.6</b>            | 0.02        | 0.675 | -0.22 | -0.4 | 0.09        | 0.05        |             | H         |
| T5      | 0+117.97   | 50.00         |               | 0.42                        | 0.00                        | 225         | 63.62        | 53.77                                                | 0.00                                                 | 0.36                  | 0.9                 | 0.5                                  | <b>0.45</b>           | 0.58        | 0.570 | -0.12 | -0.2 | 0.08        | 0.05        |             | H         |
| T7      | 0+169.26   | 43            |               | 0.37                        | 0.00                        | 225         | 63.62        | 46.63                                                | 0.00                                                 | 0.31                  | 0.9                 | 0.5                                  | <b>0.45</b>           | 0.66        | 0.532 | -0.08 | -0.1 | 0.09        | 0.06        |             | H         |
| T17     | 0+429.14   | -22           | -16.20        | <b>-0.19</b>                | <b>-0.14</b>                | <b>225</b>  | <b>63.62</b> | <b>-24.28</b>                                        | <b>-17.93</b>                                        | <b>-0.16</b>          | <b>0.95</b>         | <b>1.00</b>                          | <b>0.95</b>           | <b>0.95</b> |       |       |      | <b>0.91</b> | <b>0.87</b> | <b>0.95</b> | <b>v2</b> |
| T20     | 0+478.09   | -15           | -8.40         | <b>-0.13</b>                | <b>-0.07</b>                | <b>225</b>  | <b>63.62</b> | <b>-16.61</b>                                        | <b>-9.32</b>                                         | <b>-0.11</b>          | <b>0.69</b>         | <b>1.00</b>                          | <b>0.69</b>           | <b>0.69</b> |       |       |      | <b>0.48</b> | <b>0.45</b> | <b>0.69</b> | <b>v2</b> |
| T22     | 0+498.71   | 41            |               | 0.35                        | 0.00                        | 225         | 63.62        | 44.56                                                | 0.00                                                 | 0.30                  | 0.9                 | 0.5                                  | <b>0.45</b>           | 0.68        | 0.520 | -0.07 | -0.1 | 0.09        | 0.06        |             | H         |
| T23     | 0+521.57   | 31            |               | 0.27                        | 0.00                        | 225         | 63.62        | 34.00                                                | 0.00                                                 | 0.23                  | 0.9                 | 0.5                                  | <b>0.45</b>           | 0.77        | 0.457 | -0.01 | -0   | 0.10        | 0.07        |             | H         |
| T37     | 0+931.21   | 90            |               | 0.71                        | 0.00                        | 225         | 63.62        | 89.97                                                | 0.00                                                 | 0.60                  | 1.2                 | 0.5                                  | <b>0.6</b>            | 0.00        | 0.675 | -0.23 | -0.4 | 0.09        | 0.05        |             | H         |
| T41/P52 | 1+263.99   | 88            | <b>-5.30</b>  | 0.69                        | -0.05                       | 225         | 63.62        | 88.39                                                | -5.88                                                | 0.59                  | 1.2                 | 0.5                                  | <b>0.6</b>            | 0.03        | 0.675 | -0.22 | -0.4 | 0.09        | 0.05        |             | H         |
| T43     | 1+304.09   | 81            |               | 0.65                        | 0.00                        | 225         | 63.62        | 82.64                                                | 0.00                                                 | 0.55                  | 1.2                 | 0.5                                  | <b>0.6</b>            | 0.14        | 0.669 | -0.22 | -0.4 | 0.09        | 0.05        |             | H         |
| T51     | 1+673.71   | 85            |               | 0.68                        | 0.00                        | 225         | 63.62        | 85.96                                                | 0.00                                                 | 0.57                  | 1.2                 | 0.5                                  | <b>0.6</b>            | 0.08        | 0.673 | -0.22 | -0.4 | 0.09        | 0.05        |             | H         |
| T57/P76 | 1+853.91   |               | <b>-9.80</b>  | <b>0.00</b>                 | <b>-0.09</b>                | <b>225</b>  | <b>63.62</b> | <b>0.00</b>                                          | <b>-10.87</b>                                        | <b>0.00</b>           | <b>0.75</b>         | <b>1.00</b>                          | <b>0.75</b>           | <b>0.75</b> |       |       |      | <b>0.56</b> | <b>0.53</b> | <b>0.75</b> | <b>v2</b> |
| T63     | 1+995.67   | 90            |               | 0.71                        | 0.00                        | 225         | 63.62        | 89.97                                                | 0.00                                                 | 0.60                  | 1.2                 | 0.5                                  | <b>0.6</b>            | 0.00        | 0.675 | -0.23 | -0.4 | 0.09        | 0.05        |             | H         |

|         |      |
|---------|------|
| Ukupno: | 2.34 |
|---------|------|

V1 - vertikalni lom sa rezultantom prema dole  
V2 - vertikalni lom sa rezultantom prema gore  
H - horizontalni lom

TABELA ANKER BLOKOVA NA ODVOJKU BUSOVAČA -KULA

| Tjeme    | Stacionaža | α-hor | α-ver  | sin (α-hor/2) | sin (α-ver)/2 | Φ (mm)     | N (kN)        | R = 2*N*sin (α-hor)/2 (kN) | R = 2*N*sin (α-ver)/2 (kN) | potA= R/α (m2) | Usvojena dužina (A) | Usvojena širina (V)/visina (H) = (B) | Usvojena površina axb | a'          | x     | y     | a''  | Vbr         | V m3        | L           | Tip bloka |
|----------|------------|-------|--------|---------------|---------------|------------|---------------|----------------------------|----------------------------|----------------|---------------------|--------------------------------------|-----------------------|-------------|-------|-------|------|-------------|-------------|-------------|-----------|
| T4       | 0+029.82   | 25.00 |        | 0.22          | 0.00          | 280        | 123.15        | 53.31                      | 0.00                       | 0.36           | 0.9                 | 0.5                                  | <b>0.45</b>           | 0.82        | 0.470 | 0.09  | 0.18 | 0.15        | 0.09        |             | H         |
| T7       | 0+126.38   | 47    |        | 0.40          | 0.00          | 280        | 123.15        | 98.21                      | 0.00                       | 0.65           | 1.4                 | 0.5                                  | <b>0.7</b>            | 0.61        | 0.609 | -0.05 | -0.1 | 0.18        | 0.13        |             | H         |
| T8       | 0+186.88   | 29    |        | 0.25          | 0.00          | 280        | 123.15        | 61.67                      | 0.00                       | 0.41           | 0.9                 | 0.5                                  | <b>0.45</b>           | 0.79        | 0.498 | 0.06  | 0.12 | 0.14        | 0.09        |             | H         |
| T10      | 0+232.80   |       | 24.40  | 0.00          | 0.21          | 280        | 123.15        | 0.00                       | 52.05                      | 0.35           | 0.9                 | 0.5                                  | <b>0.45</b>           | 0.82        | 0.47  | 0.00  | 0    | 0.00        | <b>0.20</b> |             | v1        |
| T12      | 0+246.55   |       | -20.70 | <b>0.00</b>   | <b>-0.18</b>  | <b>280</b> | <b>123.15</b> | <b>0.00</b>                | <b>-44.25</b>              | <b>0.00</b>    | <b>1.49</b>         | <b>1.00</b>                          | <b>1.49</b>           | <b>1.49</b> |       |       |      | <b>2.22</b> | <b>2.13</b> | <b>1.49</b> | v2        |
| T14      | 0+284.26   | 21    |        | 0.18          | 0.00          | 280        | 123.15        | 44.88                      | 0.00                       | 0.30           | 0.9                 | 0.5                                  | <b>0.45</b>           | 0.84        | 0.441 | 0.12  | 0.25 | 0.16        | 0.09        |             | H         |
| T16      | 0+339.31   |       | -10.10 | <b>0.00</b>   | <b>-0.09</b>  | <b>280</b> | <b>123.15</b> | <b>0.00</b>                | <b>-21.68</b>              | <b>0.00</b>    | <b>1.06</b>         | <b>1.00</b>                          | <b>1.06</b>           | <b>1.06</b> |       |       |      | <b>1.12</b> | <b>1.05</b> | <b>1.06</b> | v2        |
| T17/P15  | 0+349.90   | 21    |        | 0.18          | 0.00          | 280        | 123.15        | 44.88                      | 0.00                       | 0.30           | 0.9                 | 0.5                                  | <b>0.45</b>           | 0.84        | 0.441 | 0.12  | 0.25 | 0.16        | 0.09        |             | H         |
| T20      | 0+409.49   | 9     | -23    | <b>0.08</b>   | <b>-0.20</b>  | <b>280</b> | <b>123.15</b> | <b>19.32</b>               | <b>-49.10</b>              | <b>0.13</b>    | <b>1.57</b>         | <b>1.00</b>                          | <b>1.57</b>           | <b>1.57</b> |       |       |      | <b>2.46</b> | <b>2.36</b> | <b>1.57</b> | v2        |
| T24      | 0+500.97   | 24    |        | 0.21          | 0.00          | 280        | 123.15        | 51.21                      | 0.00                       | 0.34           | 0.9                 | 0.5                                  | <b>0.45</b>           | 0.82        | 0.463 | 0.10  | 0.19 | 0.15        | 0.09        |             | H         |
| T29      | 0+610.34   | 28    | 10.3   | 0.24          | 0.09          | 280        | 123.15        | 59.59                      | 22.11                      | 0.40           | 0.9                 | 0.5                                  | <b>0.45</b>           | 0.79        | 0.491 | 0.07  | 0.13 | 0.14        | 0.09        |             | H         |
| T30      | 0+643.43   |       | -7.20  | <b>0.00</b>   | <b>-0.06</b>  | <b>280</b> | <b>123.15</b> | <b>0.00</b>                | <b>-15.47</b>              | <b>0.00</b>    | <b>0.90</b>         | <b>1.00</b>                          | <b>0.90</b>           | <b>0.90</b> |       |       |      | <b>0.81</b> | <b>0.75</b> | <b>0.9</b>  | v2        |
| T31      | 0+676.82   | 28    | -2.60  | 0.24          | -0.02         | 280        | 123.15        | 59.59                      | -5.59                      | 0.40           | 0.9                 | 0.5                                  | <b>0.45</b>           | 0.79        | 0.491 | 0.07  | 0.13 | 0.14        | 0.09        |             | H         |
| T32      | 0+746.00   | 34    |        | 0.29          | 0.00          | 280        | 123.15        | 72.01                      | 0.00                       | 0.48           | 1                   | 0.5                                  | <b>0.5</b>            | 0.75        | 0.532 | 0.03  | 0.06 | 0.15        | 0.1         |             | H         |
| T33/P31  | 0+764.08   |       | -13.60 | <b>0.00</b>   | <b>-0.12</b>  | <b>280</b> | <b>123.15</b> | <b>0.00</b>                | <b>-29.16</b>              | <b>0.00</b>    | <b>1.21</b>         | <b>1.00</b>                          | <b>1.21</b>           | <b>1.21</b> |       |       |      | <b>1.47</b> | <b>1.4</b>  | <b>1.21</b> | v2        |
| T36/P32  | 0+789.74   |       | -4.90  | <b>0.00</b>   | <b>-0.04</b>  | <b>280</b> | <b>123.15</b> | <b>0.00</b>                | <b>-10.53</b>              | <b>0.00</b>    | <b>0.75</b>         | <b>1.00</b>                          | <b>0.75</b>           | <b>0.75</b> |       |       |      | <b>0.56</b> | <b>0.51</b> | <b>0.75</b> | v2        |
| T37      | 0+827.96   | 23    |        | 0.20          | 0.00          | 280        | 123.15        | 49.10                      | 0.00                       | 0.33           | 0.9                 | 0.5                                  | <b>0.45</b>           | 0.83        | 0.456 | 0.10  | 0.21 | 0.16        | 0.09        |             | H         |
| T39/P35  | 0+864.53   |       | -9.10  | <b>0.00</b>   | <b>-0.08</b>  | <b>280</b> | <b>123.15</b> | <b>0.00</b>                | <b>-19.54</b>              | <b>0.00</b>    | <b>1.00</b>         | <b>1.00</b>                          | <b>1.00</b>           | <b>1.00</b> |       |       |      | <b>1.00</b> | <b>0.94</b> | <b>1</b>    | v2        |
| T40/P39  | 0+961.52   |       | -4.80  | <b>0.00</b>   | <b>-0.04</b>  | <b>280</b> | <b>123.15</b> | <b>0.00</b>                | <b>-10.31</b>              | <b>0.00</b>    | <b>0.74</b>         | <b>1.00</b>                          | <b>0.74</b>           | <b>0.74</b> |       |       |      | <b>0.55</b> | <b>0.5</b>  | <b>0.74</b> | v2        |
| T43      | 1+103.81   |       | -4.80  | <b>0.00</b>   | <b>-0.04</b>  | <b>280</b> | <b>123.15</b> | <b>0.00</b>                | <b>-10.31</b>              | <b>0.00</b>    | <b>0.74</b>         | <b>1.00</b>                          | <b>0.74</b>           | <b>0.74</b> |       |       |      | <b>0.55</b> | <b>0.5</b>  | <b>0.74</b> | v2        |
| T49      | 1+296.13   | 20    | -6.20  | 0.17          | -0.05         | 280        | 123.15        | 42.77                      | -13.32                     | 0.29           | 0.9                 | 0.5                                  | <b>0.45</b>           | 0.85        | 0.434 | 0.13  | 0.27 | 0.16        | 0.1         |             | H         |
| T51      | 1+403.14   | 26    |        | 0.22          | 0.00          | 280        | 123.15        | 55.41                      | 0.00                       | 0.37           | 0.9                 | 0.5                                  | <b>0.45</b>           | 0.81        | 0.477 | 0.08  | 0.16 | 0.15        | 0.09        |             | H         |
| T53      | 1+415.39   |       | -14.10 | <b>0.00</b>   | <b>-0.12</b>  | <b>280</b> | <b>123.15</b> | <b>0.00</b>                | <b>-30.23</b>              | <b>0.00</b>    | <b>1.24</b>         | <b>1.00</b>                          | <b>1.24</b>           | <b>1.24</b> |       |       |      | <b>1.54</b> | <b>1.46</b> | <b>1.24</b> | v2        |
| T54      | 1+424.92   | 22    |        | 0.19          | 0.00          | 280        | 123.15        | 47.00                      | 0.00                       | 0.31           | 0.9                 | 0.5                                  | <b>0.45</b>           | 0.83        | 0.449 | 0.11  | 0.23 | 0.16        | 0.09        |             | H         |
| T60/P66  | 1+633.99   |       | -10.00 | <b>0.00</b>   | <b>-0.09</b>  | <b>280</b> | <b>123.15</b> | <b>0.00</b>                | <b>-21.47</b>              | <b>0.00</b>    | <b>1.05</b>         | <b>1.00</b>                          | <b>1.05</b>           | <b>1.05</b> |       |       |      | <b>1.10</b> | <b>1.04</b> | <b>1.05</b> | v2        |
| T63      | 1+803.92   |       | -9.90  | <b>0.00</b>   | <b>-0.09</b>  | <b>280</b> | <b>123.15</b> | <b>0.00</b>                | <b>-21.25</b>              | <b>0.00</b>    | <b>1.05</b>         | <b>1.00</b>                          | <b>1.05</b>           | <b>1.05</b> |       |       |      | <b>1.09</b> | <b>1.03</b> | <b>1.05</b> | v2        |
| T67/P77  | 1+906.87   |       | -6.30  | <b>0.00</b>   | <b>-0.05</b>  | <b>280</b> | <b>123.15</b> | <b>0.00</b>                | <b>-13.53</b>              | <b>0.00</b>    | <b>0.84</b>         | <b>1.00</b>                          | <b>0.84</b>           | <b>0.84</b> |       |       |      | <b>0.70</b> | <b>0.65</b> | <b>0.84</b> | v2        |
| T69      | 1+971.70   |       | -5.20  | <b>0.00</b>   | <b>-0.05</b>  | <b>280</b> | <b>123.15</b> | <b>0.00</b>                | <b>-11.17</b>              | <b>0.00</b>    | <b>0.77</b>         | <b>1.00</b>                          | <b>0.77</b>           | <b>0.77</b> |       |       |      | <b>0.59</b> | <b>0.54</b> | <b>0.77</b> | v2        |
| T70      | 2+014.83   | 44    |        | 0.37          | 0.00          | 280        | 123.15        | 92.27                      | 0.00                       | 0.62           | 1.3                 | 0.5                                  | <b>0.65</b>           | 0.65        | 0.593 | -0.03 | -0.1 | 0.17        | 0.12        |             | H         |
| T73      | 2+081.78   | 20    |        | 0.17          | 0.00          | 280        | 123.15        | 42.77                      | 0.00                       | 0.29           | 0.9                 | 0.5                                  | <b>0.45</b>           | 0.85        | 0.434 | 0.13  | 0.27 | 0.16        | 0.1         |             | H         |
| T74      | 2+148.89   | 41    |        | 0.35          | 0.00          | 280        | 123.15        | 86.26                      | 0.00                       | 0.58           | 1.2                 | 0.5                                  | <b>0.6</b>            | 0.68        | 0.575 | -0.02 | -0   | 0.16        | 0.11        |             | H         |
| T78      | 2+332.91   | 33    |        | 0.28          | 0.00          | 280        | 123.15        | 69.95                      | 0.00                       | 0.47           | 1                   | 0.5                                  | <b>0.5</b>            | 0.75        | 0.525 | 0.03  | 0.07 | 0.15        | 0.1         |             | H         |
| T84      | 2+492.12   |       | -15.70 | <b>0.00</b>   | <b>-0.14</b>  | <b>160</b> | <b>32.17</b>  | <b>0.00</b>                | <b>-8.79</b>               | <b>0.00</b>    | <b>0.67</b>         | <b>1.00</b>                          | <b>0.67</b>           | <b>0.67</b> |       |       |      | <b>0.44</b> | <b>0.43</b> | <b>0.67</b> | v2        |
| T88/P12A | 2+589.56   |       | -9.10  | <b>0.00</b>   | <b>-0.08</b>  | <b>160</b> | <b>32.17</b>  | <b>0.00</b>                | <b>-5.10</b>               | <b>0.00</b>    | <b>0.51</b>         | <b>1.00</b>                          | <b>0.51</b>           | <b>0.51</b> |       |       |      | <b>0.26</b> | <b>0.25</b> | <b>0.51</b> | v2        |
| T94c     | 2+958.52   |       | -18.90 | <b>0.00</b>   | <b>-0.16</b>  | <b>160</b> | <b>40.21</b>  | <b>0.00</b>                | <b>-13.20</b>              | <b>0.00</b>    | <b>0.81</b>         | <b>1.00</b>                          | <b>0.81</b>           | <b>0.81</b> |       |       |      | <b>0.66</b> | <b>0.64</b> | <b>0.81</b> | v2        |
| T96/P28A | 2+992.18   |       | -11.30 | <b>0.00</b>   | <b>-0.10</b>  | <b>160</b> | <b>40.21</b>  | <b>0.00</b>                | <b>-7.92</b>               | <b>0.00</b>    | <b>0.63</b>         | <b>1.00</b>                          | <b>0.63</b>           | <b>0.63</b> |       |       |      | <b>0.40</b> | <b>0.39</b> | <b>0.63</b> | v2        |
| T98      | 3+029.75   |       | -29.70 | <b>0.00</b>   | <b>-0.26</b>  | <b>160</b> | <b>40.21</b>  | <b>0.00</b>                | <b>-20.61</b>              | <b>0.00</b>    | <b>1.01</b>         | <b>1.00</b>                          | <b>1.01</b>           | <b>1.01</b> |       |       |      | <b>1.01</b> | <b>0.99</b> | <b>1.01</b> | v2        |
| T102     | 3+137.83   | 47    |        | 0.40          | 0.00          | 160        | 40.21         | 32.07                      | 0.00                       | 0.21           | 0.9                 | 0.5                                  | <b>0.45</b>           | 0.61        | 0.489 | -0.17 | -0.3 | 0.05        | 0.04        |             | Prostorni |
|          |            |       | -12.10 | <b>0.00</b>   | <b>-0.11</b>  | <b>160</b> | <b>40.21</b>  | <b>0.00</b>                | <b>-8.48</b>               | <b>0.00</b>    | <b>0.50</b>         | <b>2.67</b>                          | <b>1.34</b>           | <b>0.39</b> |       |       |      | <b>0.42</b> | <b>0.41</b> | <b>0.31</b> |           |
| T103     | 3+175.69   | 58    |        | 0.48          | 0.00          | 160        | 40.21         | 38.99                      | 0.00                       | 0.26           | 0.9                 | 0.5                                  | <b>0.45</b>           | 0.48        | 0.542 | -0.22 | -0.4 | 0.04        | 0.03        |             | H         |
| T106     | 3+286.79   |       | -11.50 | <b>0.00</b>   | <b>-0.10</b>  | <b>160</b> | <b>40.21</b>  | <b>0.00</b>                | <b>-8.06</b>               | <b>0.00</b>    | <b>0.63</b>         | <b>1.00</b>                          | <b>0.63</b>           | <b>0.63</b> |       |       |      | <b>0.40</b> | <b>0.39</b> | <b>0.63</b> | v2        |
| T108     | 3+349.04   |       | -27.10 | <b>0.00</b>   | <b>-0.23</b>  | <b>160</b> | <b>40.21</b>  | <b>0.00</b>                | <b>-18.84</b>              | <b>0.00</b>    | <b>0.96</b>         | <b>1.00</b>                          | <b>0.96</b>           | <b>0.96</b> |       |       |      | <b>0.93</b> | <b>0.91</b> | <b>0.96</b> | v2        |
| T111     | 3+374.62   |       | -20.30 | <b>0.00</b>   | <b>-0.18</b>  | <b>160</b> | <b>40.21</b>  | <b>0.00</b>                | <b>-14.17</b>              | <b>0.00</b>    | <b>0.84</b>         | <b>1.00</b>                          | <b>0.84</b>           | <b>0.84</b> |       |       |      | <b>0.71</b> | <b>0.69</b> | <b>0.84</b> | v2        |
| T114     | 3+443.41   |       | -21.00 | <b>0.00</b>   | <b>-0.18</b>  | <b>160</b> | <b>40.21</b>  | <b>0.00</b>                | <b>-14.66</b>              | <b>0.00</b>    | <b>0.85</b>         | <b>1.00</b>                          | <b>0.85</b>           | <b>0.85</b> |       |       |      | <b>0.73</b> | <b>0.71</b> | <b>0.85</b> | v2        |
| T115     | 3+452.44   |       | -14.50 | <b>0.00</b>   | <b>-0.13</b>  | <b>160</b> | <b>40.21</b>  | <b>0.00</b>                | <b>-10.15</b>              | <b>0.00</b>    | <b>0.71</b>         | <b>1.00</b>                          | <b>0.71</b>           | <b>0.71</b> |       |       |      | <b>0.50</b> | <b>0.49</b> | <b>0.71</b> | v2        |
| T117     | 3+474.76   |       | -25.80 | <b>0.00</b>   | <b>-0.22</b>  | <b>140</b> | <b>30.79</b>  | <b>0.00</b>                | <b>-13.75</b>              | <b>0.00</b>    | <b>0.82</b>         | <b>1.00</b>                          | <b>0.82</b>           | <b>0.82</b> |       |       |      | <b>0.67</b> | <b>0.66</b> | <b>0.82</b> | v2        |
| T120     | 3+564.13   |       | -9.80  | <b>0.00</b>   | <b>-0.09</b>  | <b>140</b> | <b>30.79</b>  | <b>0.00</b>                | <b>-5.26</b>               | <b>0.00</b>    | <b>0.50</b>         | <b>2.67</b>                          | <b>1.34</b>           | <b>0.31</b> |       |       |      | <b>0.26</b> | <b>0.26</b> | <b>0.2</b>  | v2        |

Ukupno: 24.01

V1 - vertikalni lom sa rezultantom prema dole  
V2 - vertikalni lom sa rezultantom prema gore  
H - horizontalni lom

TABELA ANKER BLOKOVA NA ODVOJKU BUSOVAČA-HRASTOVA GLAVICA

| Tjeme      | Stacionaža | $\alpha$ -hor | $\alpha$ -ver | $\sin(\alpha\text{-hor}/2)$ | $\sin(\alpha\text{-ver})/2$ | $\Phi$ (mm) | N (kN)       | $R = 2 * N * \sin(\alpha\text{-hor})/2$ (kN) | $R = 2 * N * \sin(\alpha\text{-ver})/2$ (kN) | potA= R/ $\sigma$ (m2) | Usvojena dužina (A) | Usvojena širina (V)/visina (H) = (B) | Usvojena površina axb | a'          | x     | y     | a''  | Vbr         | V m3        | L           | Tip bloka |
|------------|------------|---------------|---------------|-----------------------------|-----------------------------|-------------|--------------|----------------------------------------------|----------------------------------------------|------------------------|---------------------|--------------------------------------|-----------------------|-------------|-------|-------|------|-------------|-------------|-------------|-----------|
| T80        | 2374.33    | 84            |               | 0.67                        | 0.00                        | 225         | 63.62        | 85.14                                        | 0.00                                         | 0.57                   | 1.2                 | 0.5                                  | <b>0.6</b>            | 0.09        | 0.673 | -0.22 | -0.4 | 0.09        |             |             | Prostorni |
|            |            |               | -9.60         | <b>0.00</b>                 | <b>-0.08</b>                | <b>225</b>  | <b>63.62</b> | <b>0.00</b>                                  | <b>-10.65</b>                                | <b>0.00</b>            | <b>0.74</b>         | <b>1.00</b>                          | <b>0.74</b>           | <b>0.74</b> |       |       |      | <b>0.55</b> | <b>0.52</b> | <b>0.74</b> |           |
| T86a       | 2+497.94   | 11            | -6.90         | <b>0.10</b>                 | <b>-0.06</b>                | <b>225</b>  | <b>63.62</b> | <b>12.20</b>                                 | <b>-7.66</b>                                 | <b>0.08</b>            | <b>0.63</b>         | <b>1.00</b>                          | <b>0.63</b>           | <b>0.63</b> |       |       |      | <b>0.39</b> | <b>0.37</b> | <b>0.63</b> | v2        |
| T88a       | 2+559.92   | 79            |               | 0.64                        | 0.00                        | 225         | 63.62        | 80.93                                        | 0.00                                         | 0.54                   | 1.1                 | 0.5                                  | <b>0.55</b>           | 0.17        | 0.667 | -0.22 | -0.4 | 0.08        | 0.05        |             | H         |
| T89a       | 2+600.24   | 60            |               | 0.50                        | 0.00                        | 225         | 63.62        | 63.62                                        | 0.00                                         | 0.42                   | 0.9                 | 0.5                                  | <b>0.45</b>           | 0.45        | 0.615 | -0.16 | -0.3 | 0.07        | 0.05        |             | H         |
| T90a/P104  | 2+603.93   |               | -9.10         | <b>0.00</b>                 | <b>-0.08</b>                | <b>225</b>  | <b>63.62</b> | <b>0.00</b>                                  | <b>-10.09</b>                                | <b>0.00</b>            | <b>0.72</b>         | <b>1.00</b>                          | <b>0.72</b>           | <b>0.72</b> |       |       |      | <b>0.52</b> | <b>0.49</b> | <b>0.72</b> | v2        |
| T93a/P105  | 2+627.99   |               | -20.10        | <b>0.00</b>                 | <b>-0.17</b>                | <b>225</b>  | <b>63.62</b> | <b>0.00</b>                                  | <b>-22.20</b>                                | <b>0.00</b>            | <b>1.05</b>         | <b>1.00</b>                          | <b>1.05</b>           | <b>1.05</b> |       |       |      | <b>1.11</b> | <b>1.07</b> | <b>1.05</b> | v2        |
| T97a       | 2+721.58   | 65            |               | 0.54                        | 0.00                        | 225         | 63.62        | 68.37                                        | 0.00                                         | 0.46                   | 1                   | 0.5                                  | <b>0.5</b>            | 0.38        | 0.633 | -0.18 | -0.3 | 0.08        | 0.05        |             | H         |
| T103a      | 3129.07    | 86            |               | 0.68                        | 0.00                        | 225         | 63.62        | 86.78                                        | 0.00                                         | 0.58                   | 1.2                 | 0.5                                  | <b>0.6</b>            | 0.06        | 0.674 | -0.22 | -0.4 | 0.09        |             |             | Prostorni |
|            |            |               | -8.90         | <b>0.00</b>                 | <b>-0.08</b>                | <b>225</b>  | <b>63.62</b> | <b>0.00</b>                                  | <b>-9.87</b>                                 | <b>0.00</b>            | <b>0.71</b>         | <b>1.00</b>                          | <b>0.71</b>           | <b>0.71</b> |       |       |      | <b>0.51</b> | <b>0.48</b> | <b>0.71</b> |           |
| T106a      | 3+222.86   | 75            |               | 0.61                        | 0.00                        | 225         | 63.62        | 77.46                                        | 0.00                                         | 0.52                   | 1.1                 | 0.5                                  | <b>0.55</b>           | 0.23        | 0.660 | -0.21 | -0.4 | 0.08        | 0.05        |             | H         |
| T119a      | 3+299.49   | 89            |               | 0.70                        | 0.00                        | 225         | 63.62        | 89.18                                        | 0.00                                         | 0.59                   | 1.2                 | 0.5                                  | <b>0.6</b>            | 0.02        | 0.675 | -0.22 | -0.4 | 0.09        | 0.05        |             | H         |
| T110a/P133 | 3+306.81   |               | <b>-7.20</b>  | <b>0.00</b>                 | <b>-0.06</b>                | <b>225</b>  | <b>63.62</b> | <b>0.00</b>                                  | <b>-7.99</b>                                 | <b>0.00</b>            | <b>0.64</b>         | <b>1.00</b>                          | <b>0.64</b>           | <b>0.64</b> |       |       |      | <b>0.42</b> | <b>0.39</b> | <b>0.64</b> | v2        |
| T111a      | 3+331.93   | 89            | <b>18.70</b>  | 0.70                        | 0.16                        | 225         | 63.62        | 89.18                                        | 20.67                                        | 0.59                   | 1.2                 | 0.5                                  | <b>0.6</b>            | 0.02        | 0.675 | -0.22 | -0.4 | 0.09        | 0.05        |             | H         |
| T112a      | 3+374.13   | 67            | <b>-16.70</b> | <b>0.55</b>                 | <b>-0.15</b>                | <b>225</b>  | <b>63.62</b> | <b>70.23</b>                                 | <b>-18.48</b>                                | <b>0.47</b>            | <b>0.96</b>         | <b>1.00</b>                          | <b>0.96</b>           | <b>0.96</b> |       |       |      | <b>0.93</b> | <b>0.89</b> | <b>0.96</b> | v2        |
| T118a      | 3+512.08   | 35            | <b>-13.30</b> | <b>0.30</b>                 | <b>-0.12</b>                | <b>225</b>  | <b>63.62</b> | <b>38.26</b>                                 | <b>-14.73</b>                                | <b>0.26</b>            | <b>0.86</b>         | <b>1.00</b>                          | <b>0.86</b>           | <b>0.86</b> |       |       |      | <b>0.74</b> | <b>0.71</b> | <b>0.86</b> | v2        |
| T127a      | 3+735.01   |               | <b>-15.20</b> | <b>0.00</b>                 | <b>-0.13</b>                | <b>225</b>  | <b>63.62</b> | <b>0.00</b>                                  | <b>-16.83</b>                                | <b>0.00</b>            | <b>0.92</b>         | <b>1.00</b>                          | <b>0.92</b>           | <b>0.92</b> |       |       |      | <b>0.85</b> | <b>0.81</b> | <b>0.92</b> | v2        |

|         |      |
|---------|------|
| Ukupno: | 5.51 |
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V1 - vertikalni lom sa rezultantom prema dole  
V2 - vertikalni lom sa rezultantom prema gore  
H - horizontalni lom