

OBLICZENIE ILOSCI ROBOT ZIEMNYCH

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | Suma |
|-----|-------|---------------|-------|---------------|-----------------------------|-------------------------------|--------------------------|--------------------------------|------------------------------|-------------------|-------|-------|----------------------------|-------|--------------------|----------------------|----------------------------|-------|-------------------------|-------|-------------------|-------|----------|-------|--------------------|-------------|-------|-------------------|
| L.p | Km | RZEDNE TERENU | | | RZEDNE PROJEKTOWANE | | | | | RZEDNE DNA KORYTA | | | PROJEKT. SPADEK DNA KORYTA | | Szer. proj. koryta | SZER. PROJ. NAWIERZ. | PROJEKT. SPADEK NAWIERZCHN | | PROJEKT. SPADEK POBOCZY | | Powierzchnia (m2) | | Objetosc | | Zuzycie na miejscu | Nadm.objeto | | Nasyp(-) Wykop(+) |
| | | | | | RZEDNA KRAWEDZI KORONY LEWA | RZEDNA NAWIERZ. KRAWEDZI LEWA | RZEDNA NIWELETY NAWIERZ. | RZEDNA NAWIERZ. KRAWEDZI PRAWA | RZEDNA KRAWEDZI KORONY PRAWA | LEWA | OS | PRAWA | | | | | | | | | | | | | | Wykop | Nasyp | |
| | | KRAWEDZ LEWA | OS | KRAWEDZ PRAWA | RZEDNA KRAWEDZI KORONY LEWA | RZEDNA NAWIERZ. KRAWEDZI LEWA | RZEDNA NIWELETY NAWIERZ. | RZEDNA NAWIERZ. KRAWEDZI PRAWA | RZEDNA KRAWEDZI KORONY PRAWA | LEWA | OS | PRAWA | lewy | prawy | | | lewy | prawy | Wykop | Nasyp | Wykop | Nasyp | | | | | | |
| | | | | | | | | | | | | | [%] | [%] | | | [%] | [%] | (+) | (-) | (m3) | (m3) | (m3) | (m3) | | (m3) | (m3) | |
| 1 | 0,000 | 60,35 | 60,31 | 60,25 | 60,02 | 60,26 | 60,31 | 60,26 | 60,02 | 59,98 | 60,03 | 59,98 | 2,0 | 2,0 | 5,4 | 5,0 | 2,0 | 2,0 | 8,0 | 8,0 | 3,141 | 0,001 | 35,02 | 0,84 | 0,84 | 34,2 | 0,0 | 34,2 |
| 2 | 0,015 | 60,32 | 60,33 | 60,22 | 60,11 | 60,35 | 60,38 | 60,35 | 60,11 | 60,06 | 60,10 | 60,06 | 2,0 | 2,0 | 3,9 | 3,5 | 2,0 | 2,0 | 8,0 | 8,0 | 1,529 | 0,111 | 13,44 | 1,36 | 1,36 | 12,1 | 0,0 | 46,3 |
| 3 | 0,024 | 60,35 | 60,42 | 60,22 | 60,15 | 60,39 | 60,42 | 60,39 | 60,15 | 60,10 | 60,14 | 60,10 | 2,0 | 2,0 | 3,9 | 3,5 | 2,0 | 2,0 | 8,0 | 8,0 | 1,457 | 0,191 | 25,51 | 8,17 | 8,17 | 17,3 | 0,0 | 63,6 |
| 4 | 0,048 | 60,36 | 60,36 | 60,23 | 60,24 | 60,48 | 60,51 | 60,48 | 60,24 | 60,19 | 60,23 | 60,19 | 2,0 | 2,0 | 3,9 | 3,5 | 2,0 | 2,0 | 8,0 | 8,0 | 0,668 | 0,490 | 19,05 | 8,80 | 8,80 | 10,2 | 0,0 | 73,9 |
| 5 | 0,072 | 60,39 | 60,37 | 60,32 | 60,25 | 60,49 | 60,52 | 60,49 | 60,25 | 60,20 | 60,24 | 60,20 | 2,0 | 2,0 | 3,9 | 3,5 | 2,0 | 2,0 | 8,0 | 8,0 | 0,919 | 0,243 | 23,17 | 4,77 | 4,77 | 18,4 | 0,0 | 92,3 |
| 6 | 0,095 | 60,37 | 60,32 | 60,29 | 60,20 | 60,44 | 60,47 | 60,44 | 60,20 | 60,15 | 60,19 | 60,15 | 2,0 | 2,0 | 3,9 | 3,5 | 2,0 | 2,0 | 8,0 | 8,0 | 1,096 | 0,171 | 22,75 | 4,92 | 4,92 | 17,8 | 0,0 | 110,1 |
| 7 | 0,118 | 60,34 | 60,33 | 60,28 | 60,21 | 60,45 | 60,48 | 60,45 | 60,21 | 60,16 | 60,20 | 60,16 | 2,0 | 2,0 | 3,9 | 3,5 | 2,0 | 2,0 | 8,0 | 8,0 | 0,882 | 0,256 | 19,83 | 6,00 | 6,00 | 13,8 | 0,0 | 123,9 |
| 8 | 0,141 | 60,34 | 60,35 | 60,31 | 60,23 | 60,47 | 60,50 | 60,47 | 60,23 | 60,18 | 60,22 | 60,18 | 2,0 | 2,0 | 3,9 | 3,5 | 2,0 | 2,0 | 8,0 | 8,0 | 0,842 | 0,266 | 20,93 | 5,39 | 5,39 | 15,5 | 0,0 | 139,5 |
| 9 | 0,164 | 60,40 | 60,38 | 60,35 | 60,26 | 60,50 | 60,53 | 60,50 | 60,26 | 60,21 | 60,25 | 60,21 | 2,0 | 2,0 | 3,9 | 3,5 | 2,0 | 2,0 | 8,0 | 8,0 | 0,978 | 0,203 | 19,51 | 6,25 | 6,25 | 13,3 | 0,0 | 152,7 |
| 10 | 0,187 | 60,53 | 60,58 | 60,54 | 60,46 | 60,70 | 60,73 | 60,70 | 60,46 | 60,41 | 60,45 | 60,41 | 2,0 | 2,0 | 3,9 | 3,5 | 2,0 | 2,0 | 8,0 | 8,0 | 0,718 | 0,341 | 14,40 | 56,45 | 14,40 | 0,0 | 42,0 | 110,7 |
| 11 | 0,209 | 61,10 | 61,08 | 60,05 | 60,96 | 61,20 | 61,23 | 61,20 | 60,96 | 60,91 | 60,95 | 60,91 | 2,0 | 2,0 | 3,9 | 3,5 | 2,0 | 2,0 | 8,0 | 8,0 | 0,591 | 4,791 | 16,62 | 58,29 | 16,62 | 0,0 | 41,7 | 69,0 |
| 12 | 0,232 | 61,58 | 61,57 | 61,51 | 61,45 | 61,69 | 61,72 | 61,69 | 61,45 | 61,40 | 61,44 | 61,40 | 2,0 | 2,0 | 3,9 | 3,5 | 2,0 | 2,0 | 8,0 | 8,0 | 0,854 | 0,278 | 21,28 | 5,74 | 5,74 | 15,5 | 0,0 | 84,5 |
| 13 | 0,255 | 61,81 | 61,77 | 61,72 | 61,65 | 61,89 | 61,92 | 61,89 | 61,65 | 61,60 | 61,64 | 61,60 | 2,0 | 2,0 | 3,9 | 3,5 | 2,0 | 2,0 | 8,0 | 8,0 | 0,996 | 0,221 | 24,29 | 3,95 | 3,95 | 20,3 | 0,0 | 104,9 |
| 14 | 0,277 | 61,69 | 61,62 | 61,60 | 61,50 | 61,74 | 61,77 | 61,74 | 61,50 | 61,45 | 61,49 | 61,45 | 2,0 | 2,0 | 3,9 | 3,5 | 2,0 | 2,0 | 8,0 | 8,0 | 1,212 | 0,138 | 23,24 | 4,84 | 4,84 | 18,4 | 0,0 | 123,3 |
| 15 | 0,300 | 61,57 | 61,61 | 61,59 | 61,49 | 61,73 | 61,76 | 61,73 | 61,49 | 61,44 | 61,48 | 61,44 | 2,0 | 2,0 | 3,9 | 3,5 | 2,0 | 2,0 | 8,0 | 8,0 | 0,809 | 0,282 | 18,27 | 6,73 | 6,73 | 11,5 | 0,0 | 134,8 |
| 16 | 0,323 | 61,59 | 61,61 | 61,56 | 61,49 | 61,73 | 61,76 | 61,73 | 61,49 | 61,44 | 61,48 | 61,44 | 2,0 | 2,0 | 3,9 | 3,5 | 2,0 | 2,0 | 8,0 | 8,0 | 0,780 | 0,303 | 20,31 | 5,91 | 5,91 | 14,4 | 0,0 | 149,2 |
| 17 | 0,346 | 61,72 | 61,69 | 61,65 | 61,57 | 61,81 | 61,84 | 61,81 | 61,57 | 61,52 | 61,56 | 61,52 | 2,0 | 2,0 | 3,9 | 3,5 | 2,0 | 2,0 | 8,0 | 8,0 | 0,986 | 0,211 | 23,02 | 4,32 | 4,32 | 18,7 | 0,0 | 167,9 |
| 18 | 0,368 | 61,64 | 61,58 | 61,54 | 61,46 | 61,70 | 61,73 | 61,70 | 61,46 | 61,41 | 61,45 | 61,41 | 2,0 | 2,0 | 3,9 | 3,5 | 2,0 | 2,0 | 8,0 | 8,0 | 1,107 | 0,183 | 22,98 | 5,15 | 5,15 | 17,8 | 0,0 | 185,7 |
| 19 | 0,391 | 61,06 | 61,04 | 60,98 | 60,92 | 61,16 | 61,19 | 61,16 | 60,92 | 60,87 | 60,91 | 60,87 | 2,0 | 2,0 | 3,9 | 3,5 | 2,0 | 2,0 | 8,0 | 8,0 | 0,891 | 0,265 | 11,89 | 4,73 | 4,73 | 7,2 | 0,0 | 192,9 |
| 20 | 0,406 | 60,74 | 60,77 | 60,70 | 60,65 | 60,89 | 60,92 | 60,89 | 60,65 | 60,60 | 60,64 | 60,60 | 2,0 | 2,0 | 3,9 | 3,5 | 2,0 | 2,0 | 8,0 | 8,0 | 0,694 | 0,366 | 5,21 | 3,19 | 3,19 | 2,0 | 0,0 | 187,8 |
| 21 | 0,414 | 60,73 | 60,78 | 60,70 | 60,66 | 60,90 | 60,93 | 60,90 | 60,66 | 60,61 | 60,65 | 60,61 | 2,0 | 2,0 | 3,9 | 3,5 | 2,0 | 2,0 | 8,0 | 8,0 | 0,609 | 0,431 | 33,92 | 4,80 | 4,80 | 29,1 | 0,0 | 216,9 |
| 22 | 0,436 | 61,27 | 61,28 | 61,19 | 60,98 | 61,22 | 61,25 | 61,22 | 60,98 | 60,93 | 60,97 | 60,93 | 2,0 | 2,0 | 3,9 | 3,5 | 2,0 | 2,0 | 8,0 | 8,0 | 2,475 | 0,006 | 10,17 | 0,01 | 0,01 | 10,2 | 0,0 | 227,0 |
| 23 | 0,440 | 61,36 | 61,40 | 61,32 | 61,08 | 61,32 | 61,35 | 61,32 | 61,08 | 61,03 | 61,07 | 61,03 | 2,0 | 2,0 | 3,9 | 3,5 | 2,0 | 2,0 | 8,0 | 8,0 | 2,608 | 0,000 | 18,59 | 0,00 | 0,00 | 18,6 | 0,0 | 245,6 |
| 24 | 0,445 | 61,50 | 61,55 | 61,52 | 61,11 | 61,35 | 61,40 | 61,35 | 61,11 | 61,07 | 61,12 | 61,07 | 2,0 | 2,0 | 5,4 | 5,0 | 2,0 | 2,0 | 8,0 | 8,0 | 4,829 | 0,000 | 14,01 | 0,00 | 0,00 | 14,0 | 0,0 | 259,6 |
| 25 | 0,448 | 61,56 | 61,61 | 61,52 | 61,17 | 61,41 | 61,46 | 61,41 | 61,17 | 61,13 | 61,18 | 61,13 | 2,0 | 2,0 | 5,4 | 5,0 | 2,0 | 2,0 | 8,0 | 8,0 | 4,508 | 0,000 | 70,01 | 0,00 | 0,00 | 70,0 | 0,0 | 329,6 |
| 26 | 0,460 | 61,91 | 61,94 | 61,95 | 61,35 | 61,59 | 61,64 | 61,59 | 61,35 | 61,31 | 61,36 | 61,31 | 2,0 | 2,0 | 5,4 | 5,0 | 2,0 | 2,0 | 8,0 | 8,0 | 7,160 | 0,000 | 101,08 | 0,00 | 0,00 | 101,1 | 0,0 | 430,7 |
| 27 | 0,473 | 62,35 | 62,10 | 62,06 | 61,51 | 61,75 | 61,80 | 61,75 | 61,51 | 61,47 | 61,52 | 61,47 | 2,0 | 2,0 | 5,4 | 5,0 | 2,0 | 2,0 | 8,0 | 8,0 | 8,391 | 0,000 | 63,93 | 22,14 | 22,14 | 41,8 | 0,0 | 472,5 |
| 28 | 0,487 | 61,97 | 61,91 | 61,50 | 61,81 | 62,05 | 62,10 | 62,05 | 61,81 | 61,77 | 61,82 | 61,77 | 2,0 | 2,0 | 5,4 | 5,0 | 2,0 | 2,0 | 8,0 | 8,0 | 0,742 | 3,163 | 67,74 | 20,56 | 20,56 | 47,2 | 0,0 | 519,7 |
| 29 | 0,500 | 62,99 | 63,12 | 63,15 | 62,31 | 62,55 | 62,60 | 62,55 | 62,31 | 62,27 | 62,32 | 62,27 | 2,0 | 2,0 | 5,4 | 5,0 | 2,0 | 2,0 | 8,0 | 8,0 | 9,680 | 0,000 | 160,99 | 0,00 | 0,00 | 161,0 | 0,0 | 680,7 |
| 30 | 0,523 | 63,80 | 63,90 | 63,95 | 63,51 | 63,75 | 63,80 | 63,75 | 63,51 | 63,47 | 63,52 | 63,47 | 2,0 | 2,0 | 5,4 | 5,0 | 2,0 | 2,0 | 8,0 | 8,0 | 4,320 | 0,000 | 194,44 | 0,00 | 0,00 | 194,4 | 0,0 | 875,1 |
| 31 | 0,571 | 66,05 | 65,96 | 65,97 | 65,67 | 65,91 | 65,96 | 65,91 | 65,67 | 65,63 | 65,68 | 65,63 | 2,0 | 2,0 | 5,4 | 5,0 | 2,0 | 2,0 | 8,0 | 8,0 | 3,782 | 0,000 | | | | | | |

Długość: 571 m
Powierzchnia jezdni: 2 203 m2

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|---|---|------------|
| Wykop: | | |
| -z przerzutem w miejscu | - | 169,6 m3 |
| -z transp. w obr. robot i wbudowaniem w nasyp | - | 90,9 m3 |
| -z transp.do 3 km i wbudowaniem na odkład | - | 875,1 m3 |
| razem: | | 1 135,6 m3 |
| Nasyp | - | 253,3 m3 |