|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Droga | |  | długość odcinka | Nawierzchnia górna warstwa | | Nawierzchnia dolna warstwa | | Ulepszone podłoże grunt stabilizowany spoiwem Rm=2,5MPa gr. 20cm | | Profilowanie podłoża wraz z z zagęszczeniem | |
| KM | KM |  | długość | szerokość | powierzchnia | szerokość | powierzchnia | szerokość | powierzchnia | szerokość | powierzchnia |
| 0+ 000.00 | 0+ 011.00 |  | 11.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| 0+ 011.00 | 0+ 718.90 |  | 707.90 | 3.5 | 2477.65 | 3.86 | 2732.49 | 0 | 0.00 | 5 | 3539.50 |
| 0+ 718.90 | 0+ 790.00 |  | 71.10 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| 0+ 790.00 | 1+ 044.20 |  | 254.20 | 3.5 | 889.70 | 3.86 | 981.21 | 0 | 0.00 | 3.86 | 981.21 |
| 1+ 044.20 | 1+ 092.90 |  | 48.70 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| 1+ 092.90 | 1+ 300.00 |  | 207.10 | 3.5 | 724.85 | 3.86 | 799.41 | 0 | 0.00 | 3.86 | 799.41 |
| 1+ 300.00 | 1+ 690.00 |  | 390.00 | 3.5 | 1365.00 | 3.86 | 1505.40 | 4.78 | 1864.20 | 4.78 | 1864.20 |
| **RAZEM [m2 ]** | |  | **1 690.00** |  | **5 457.20** |  | **6 018.51** |  | **1 864.20** |  | **7 184.32** |
| **Powiększenie na poszerzeniu** | |  |  |  | **886.77** |  | **886.77** |  | **264.00** |  | **886.77** |
| **Pomniejszenie na zjeździe** | |  |  |  |  |  | **56.60** |  | **52.48** |  | **94.28** |
| **POWIERZCHNIA całkowita drogi** | |  |  |  | **6 343.97** |  | **6 848.68** |  | **2 075.72** |  | **7 976.81** |

Budowa drogi leśnej nr DR/25/3, DR/4/3, DR/34/3 w leśnictwie Smolarnia 3 etap km 0+000 – km 1+690

Tabela 1

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| POSZERZENIA | | | 1 | 2 | 3 | 10 |
| km | km | długość | Nawierzchnia górna warstwa | Nawierzchnia dolna warstwa | Ulepszone podłoże grunt stabilizowany spoiwem Rm=2,5MPa gr. 20cm | Profilowanie podłoża wraz z z zagęszczeniem |
| 0+037.00 | 0+060.00 | 23.00 | 132 | 132 | 0 | 132 |
| 0+208.84 | 0+231.84 | 23.00 | 132 | 132 | 0 | 132 |
| 0+535.13 | 0+558.13 | 23.00 | 132 | 132 | 0 | 132 |
| 0+815.00 | 0+838.00 | 23.00 | 132 | 132 | 0 | 132 |
| 1+036.16 | 1+044.20 | 8.04 | 55.62 | 55.62 | 0 | 55.62 |
| 1+092.90 | 1+095.45 | 2.55 | 39.15 | 39.15 | 0 | 39.15 |
| 1+370.38 | 1+393.38 | 23.00 | 132 | 132 | 132 | 132 |
| 1+625.30 | 1+648.30 | 23.00 | 132 | 132 | 132 | 132 |
|  |  |  |  |  |  |  |
|  |  |  | **886.77** | **886.77** | **264.00** | **886.77** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pomniejszenie warstwy na zjeździe | |  |  |  |
| km od | km do | Nawierzchnia dolna warstwa | Ulepszone podłoże grunt stabilizowany spoiwem Rm=2,5MPa gr. 20cm | Profilowanie podłoża wraz z z zagęszczeniem |
| 0+ 087.20 | 0+ 102.70 | 2.8 | 0 | 2.8 |
| 0+ 382.70 | 0+ 398.20 | 2.8 | 0 | 2.8 |
| 0+ 505.70 | 0+ 532.60 | 4.8 | 0 | 4.8 |
| 0+ 718.90 | 0+ 790.00 | 0 | 0 | 0 |
| 1+ 001.60 | 1+ 044.20 | 7.7 | 0 | 7.7 |
| 1+ 215.20 | 1+ 240.70 | 4.6 | 0 | 4.6 |
| 1+ 516.70 | 1+ 532.20 | 2.8 | 9.92 | 9.92 |
| 0+ 382.70 | 0+ 398.20 | 2.8 | 0 | 2.8 |
| 0+ 510.20 | 0+ 535.10 | 4.5 | 0 | 4.5 |
| 0+ 677.50 | 0+ 693.00 | 2.8 | 0 | 2.8 |
| 0+ 718.90 | 0+ 790.00 | 0 | 0 | 0 |
| 0+ 933.50 | 0+ 958.00 | 4.4 | 0 | 4.4 |
| 1+ 044.20 | 1+ 092.90 | 0 | 0 | 0 |
| 1+ 215.20 | 1+ 240.70 | 4.6 | 0 | 4.6 |
| 1+ 393.40 | 1+ 418.90 | 4.6 | 16.32 | 16.32 |
| 1+ 599.80 | 1+ 625.30 | 4.6 | 16.32 | 16.32 |
| **RAZEM:** | | **56.6** | **52.48** | **94.28** |

Tabela 2

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | Zestawienie powierzchni zjazdów i składnic | | | | | tabela 2-1 |
| **Lp.** |  | | | |  | **Nawierzchnia górna warstwa** | **Nawierzchnia dolna warstwa** | **Ulepszone podłoże grunt stabilizowany spoiwem Rm=2,5MPa gr. 20cm** | **Profilowanie podłoża wraz z z zagęszczeniem** |
|  | **Nazwa** | | **km** | | **strona** |  |  |  |  |
| 1 | *pcoz* | *1* | *0+000.00* | *0+000.00* |  | 115.90 | 123.08 | 0.00 | 123.08 |
| 2 | sz.z.(1) | *2* | *0+087.20* | *0+102.70* | *lewa* | 43.50 | 47.60 | 0.00 | 47.60 |
| 3 | sz.z(3) | *3* | *0+382.70* | *0+398.20* | *lewa* | 43.50 | 47.60 | 0.00 | 47.60 |
| 4 | sz z (2) | *4* | *0+382.70* | *0+398.20* | *prawa* | 43.50 | 47.60 | 0.00 | 47.60 |
| 5 | zjazd 1-2 lewo | *5* | *0+505.70* | *0+532.60* | *lewa* | 106.80 | 114.18 | 0.00 | 114.18 |
| 6 | zjazd 1-2 prawo | *6* | *0+510.20* | *0+535.10* | *prawa* | 111.60 | 119.23 | 0.00 | 119.23 |
| 7 | sz.z. (4) | *7* | *0+677.50* | *0+693.00* | *prawa* | 43.50 | 47.60 | 0.00 | 47.60 |
| 8 | sz z (6) | *8* | *0+881.20* | *0+896.70* | *lewa* | 43.50 | 47.60 | 0.00 | 47.60 |
| 9 | zjazd 3 | *9* | *0+933.50* | *0+958.00* | *prawa* | 89.60 | 96.04 | 0.00 | 96.04 |
| 10 | składnica | *1* | *1+001.60* | *1+044.20* | *lewa* | 592.60 | 606.91 | 0.00 | 606.91 |
| 11 | PZ1 |  | *1+044.20* | *1+092.90* |  | 737.20 | 763.57 | 0.00 | 763.57 |
| 12 | zjazd 5-6 lewo | *10* | *1+215.20* | *1+240.70* | *lewa* | 104.60 | 112.25 | 0.00 | 112.25 |
| 13 | zjazd 5-6 prawo | *11* | *1+215.20* | *1+240.70* | *prawa* | 104.40 | 112.05 | 0.00 | 112.05 |
| 14 | sz.z.(8) | *12* | *1+393.40* | *1+418.90* | *prawa* | 105.70 | 112.85 | 131.11 | 131.11 |
| 15 | sz.z.(7) | *13* | *1+516.70* | *1+532.20* | *lewa* | 43.50 | 47.60 | 58.09 | 58.09 |
| 16 | sz.z.(9) | *14* | *1+599.80* | *1+625.30* | *prawa* | 106.00 | 113.16 | 131.47 | 131.47 |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | RAZEM [m2 ] |  | 2435.40 | 2558.95 | 320.67 | 2606.01 |

Tabela 3

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | Tabela 3-1 |  |
|  | Zestawienie powierzchni poboczy - droga | | |  |  |  |
| km od | km do | strona | długość | szerokość | pow |  |
| 0+ 011.00 | 0+ 087.20 | lewa | 76.20 | 0.75 | 57.15 |  |
| 0+ 102.70 | 0+ 382.70 | lewa | 280.00 | 0.75 | 210.00 |  |
| 0+ 398.20 | 0+ 505.70 | lewa | 107.50 | 0.75 | 80.63 |  |
| 0+ 532.60 | 0+ 718.90 | lewa | 186.30 | 0.75 | 139.73 |  |
| 0+ 790.00 | 0+ 881.20 | lewa | 91.20 | 0.75 | 68.40 |  |
| 0+ 896.70 | 1+ 001.60 | lewa | 104.90 | 0.75 | 78.68 |  |
| 1+ 092.90 | 1+ 215.20 | lewa | 122.30 | 0.75 | 91.73 |  |
| 1+ 240.70 | 1+ 516.70 | lewa | 276.00 | 0.75 | 207.00 |  |
| 1+ 532.20 | 1+ 690.00 | lewa | 157.80 | 0.75 | 118.35 |  |
| 0+ 011.00 | 0+ 382.70 | prawa | 371.70 | 0.75 | 278.78 |  |
| 0+ 398.20 | 0+ 510.20 | prawa | 112.00 | 0.75 | 84.00 |  |
| 0+ 535.10 | 0+ 677.50 | prawa | 142.40 | 0.75 | 106.80 |  |
| 0+ 693.00 | 0+ 718.90 | prawa | 25.90 | 0.75 | 19.43 |  |
| 0+ 815.00 | 0+ 933.50 | prawa | 118.50 | 0.75 | 88.88 |  |
| 0+ 958.00 | 1+ 044.20 | prawa | 86.20 | 0.75 | 64.65 |  |
| 1+ 092.90 | 1+ 215.20 | prawa | 122.30 | 0.75 | 91.73 |  |
| 1+ 240.70 | 1+ 393.40 | prawa | 152.70 | 0.75 | 114.53 |  |
| 1+ 418.90 | 1+ 599.80 | prawa | 180.90 | 0.75 | 135.68 |  |
| 1+ 625.30 | 1+ 690.00 | prawa | 64.70 | 0.75 | 48.53 |  |
|  |  |  |  |  |  |  |
| RAZEM: | | | 2779.50 |  | 2084.63 | m2 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | | Tabela 3-2 |
|  |  | km | długość | szerokość | powierzchnia |
| pcoz | 1 |  | 39.9 | 0.75 | 29.93 |
| sz.z.(1) | 2 | 0+ 102.70 | 22.8 | 0.75 | 17.10 |
| sz.z(3) | 3 | 0+ 398.20 | 22.8 | 0.75 | 17.10 |
| sz z (2) | 4 | 0+ 398.20 | 22.8 | 0.75 | 17.10 |
| zjazd 1-2 lewo | 5 | 0+ 532.60 | 41 | 0.75 | 30.75 |
| zjazd 1-2 prawo | 6 | 0+ 535.10 | 42.4 | 0.75 | 31.80 |
| sz.z. (4) | 7 | 0+ 693.00 | 22.8 | 0.75 | 17.10 |
| sz z (6) | 8 | 0+ 896.70 | 22.8 | 0.75 | 17.10 |
| zjazd 3 | 9 | 0+ 958.00 | 35.8 | 0.75 | 26.85 |
| składnica | 1 | 1+ 044.20 | 79.5 | 0.75 | 59.62 |
| PZ1 |  | 1+ 092.90 | 146.5 | 0.75 | 109.88 |
| zjazd 5-6 lewo | 10 | 1+ 240.70 | 42.5 | 0.75 | 31.88 |
| zjazd 5-6 prawo | 11 | 1+ 240.70 | 42.5 | 0.75 | 31.88 |
| sz.z.(8) | 12 | 1+ 418.90 | 39.7 | 0.75 | 29.78 |
| sz.z.(7) | 13 | 1+ 532.20 | 22.8 | 0.75 | 17.10 |
| sz.z.(9) | 14 | 1+ 625.30 | 39.8 | 0.75 | 29.85 |
|  |  |  | | | |
|  |  | Razem [m2] | 686.4 |  | 514.80 |

tabela 4

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  | Tabela 4 |
|  | Zestawienie robót ziemnych elementów konstrukcji drogi | | | | | | |
| **Nazwa** | | **km** | **km** | **Powierzchnia** | **Wykop** | **Nasyp** | **Wartość netto** |
|  | |  |  | m² | m³ | m³ | m³ |
| 1 | Zjazd pocz | 0+ 000.00 | 0+ 011.00 | 136.02 | 6.56 | 13.01 | -6.45 |
| 2 | droga | 0+ 011.00 | 0+ 718.90 | 7 576.88 | 376.25 | 1 962.13 | -1 585.88 |
| 3 | sz.z.(1) |  |  | 107.18 | 6.32 | 29.12 | -22.80 |
| 4 | sz.z(3) |  |  | 112.19 | 12.76 | 8.54 | 4.22 |
| 5 | sz z (2) |  |  | 96.89 | 1.55 | 21.21 | -19.66 |
| 6 | zjazd 1-2 lewo |  |  | 216.03 | 6.31 | 24.36 | -18.05 |
| 7 | zjazd 1-2 prawo |  |  | 200.96 | 1.89 | 22.77 | -20.88 |
| 8 | sz.z. (4) |  |  | 95.17 | 1.58 | 24.36 | -22.78 |
| 9 | droga | 0+ 790.00 | 1+ 044.20 | 2 261.84 | 42.00 | 513.11 | -471.11 |
| 10 | sz z (6) |  |  | 103.75 | 3.96 | 22.86 | -18.90 |
| 11 | zjazd 3 |  |  | 169.00 | 0.85 | 26.70 | -25.85 |
| 12 | składnica 1 |  |  | 781.97 | 16.42 | 105.87 | -89.45 |
| 13 | PZ1 |  |  | 1 112.28 | 28.28 | 389.58 | -361.30 |
| 14 | droga | 1+ 092.90 | 1+ 690.00 | 5 168.87 | 101.72 | 745.81 | -644.09 |
| 15 | zjazd 5-6 lewo |  |  | 200.51 | 8.84 | 13.77 | -4.93 |
| 16 | zjazd 5-6 prawo |  |  | 195.21 | 5.39 | 15.20 | -9.81 |
| 17 | sz.z.(8) |  |  | 235.73 | 40.87 | 7.38 | 33.49 |
| 18 | sz.z.(7) |  |  | 80.99 | 0.27 | 8.46 | -8.19 |
| 19 | sz.z.(9) |  |  | 226.75 | 38.31 | 6.79 | 31.52 |
|  |  |  |  |  |  |  |  |
|  | **SUMA** |  |  | **19 078.22** | **700.13** | **3 961.03** | **-3 260.90** |
|  | Wykopy do wykorzystania na miejscu |  |  |  | 700.13 |  |  |
|  | Wykopy do wywiezienia |  |  |  | 0.00 |  |  |
|  | Nasyp z wykopu |  |  |  |  | 700.13 |  |
|  | Nasyp do dowiezienia |  |  |  |  | 3 260.90 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Zestawienie przepustów | | | |  |
| Lp. | Nazwa | Kształt | Średnica wewnętrzna | Długość |
|  | 50-1 |  | 500 | 6.5 |
|  | 50-2 |  | 500 | 6.5 |
|  | 50-4 |  | 500 | 6.5 |
|  | 50-5 |  | 500 | 6.5 |
|  | 50-6 |  | 500 | 6.5 |
|  | 50-7 |  | 500 | 6.5 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Lp. | Nazwa | Kształt | Średnica wewnętrzna | Długość |
|  | 60-1 |  | 600 | 8 |
|  | 60-2 |  | 600 | 7 |
|  | 60-3 |  | 600 | 8 |