COMMITTENTE:

RFI RETE FERROVIARIA ITALIANA
GRUPPO FERROVIE DELLO STATO ITALIANE

PROGETTAZIONE:

ITALFERR
GRUPPO FERROVIE DELLO STATO ITALIANE

## U.O. PROGETTAZIONE LINEE, NODI E ARMAMENTO

## PROGETTO DI FATTIBILITA' TECNICA ED ECONOMICA

# LINEA SALERNO – REGGIO CALABRIA
# NUOVA LINEA AV SALERNO – REGGIO CALABRIA
# LOTTO 1 BATTIPAGLIA – PRAIA
# LOTTO 1B ROMAGNANO – BUONABITACOLO

VIABILITÀ
NV42 - Viabilità al km 36+200
Book sezioni trasversali correnti - passo 50 m

SCALA: 1:200

| COMMESSA | LOTTO | FASE | ENTE | TIPO DOC. | OPERA/DISCIPLINA | PROGR. | REV. |
|---|---|---|---|---|---|---|---|
| RC2A | B1 | R | 13 | W9 | NV4200 | 001 | A |

| Rev. | Descrizione | Redatto | Data | Verificato | Data | Approvato | Data | Autorizzato Data |
|---|---|---|---|---|---|---|---|---|
| A | Emissione esecutiva | K.E.Paskaleva | Lug-2023 | F.Gaeta | Lug-2023 | I.D'Amore | Lug-2023 | V.Conforti Lug-2023 |
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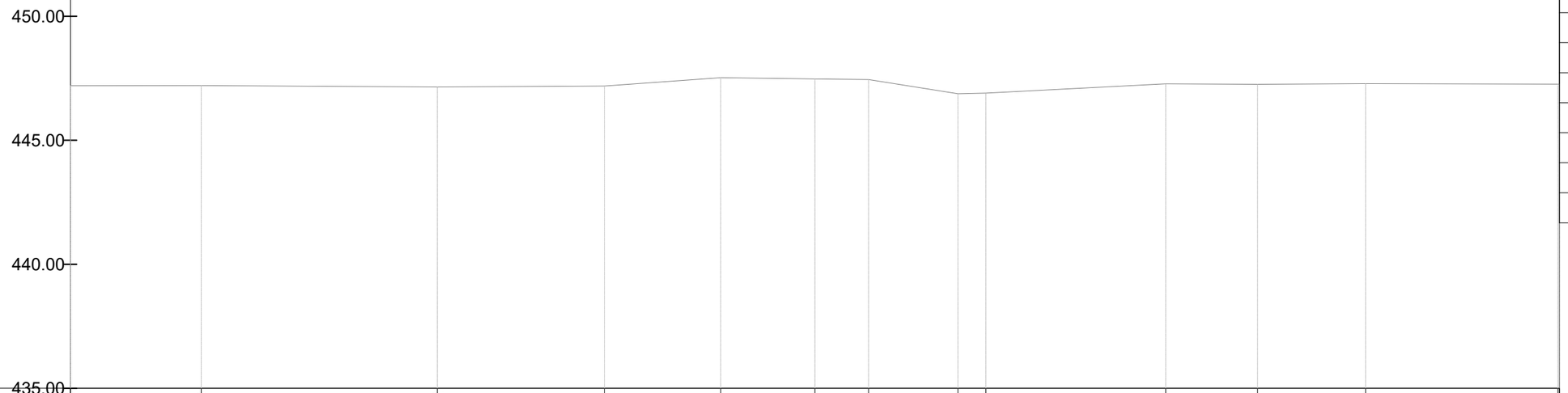
ITALFERR S.p.A.
U.O. PROGETTAZIONE LINEE E NODI
Dott. Ing. VINCENZO CONFORTI
Ordine degli ingegneri di VITERBO N. 409

File: RC2A.B.1.R.13.W9.NV.42.0.0.001.A

n. Elab.:

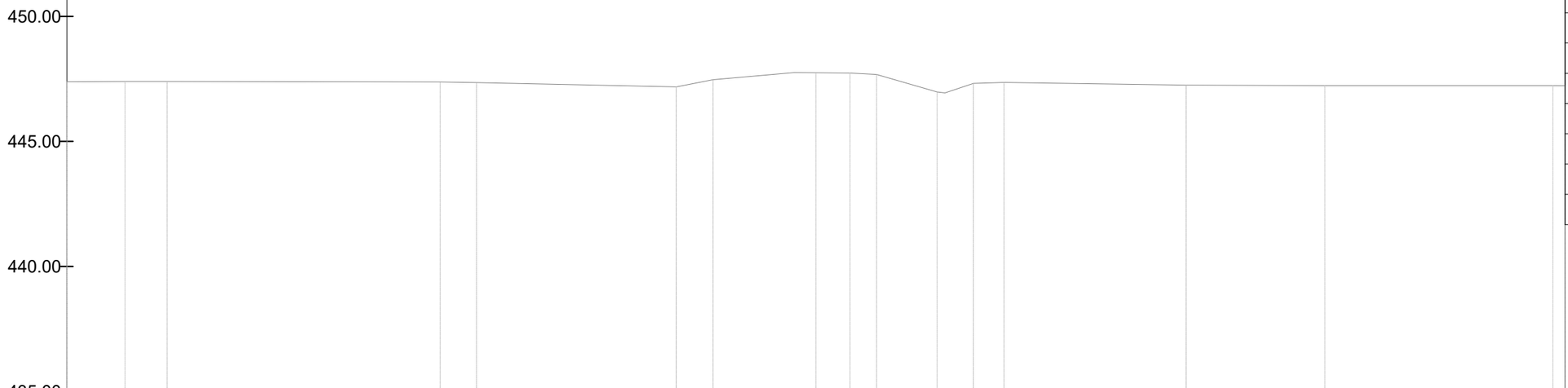
ASSE NV42
SEZIONE N. 1
PROG. 0.00




| Mat. alla progr. 0+000.00 | | | |
|---|---|---|---|
| Materiale | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Base | 0.00 | 0.00 | 0.00 |
| Binder | 0.00 | 0.00 | 0.00 |
| Bonifica | 0.00 | 0.00 | 0.00 |
| Fondazione | 0.00 | 0.00 | 0.00 |
| Rilevato | 0.00 | 0.00 | 0.00 |
| Scavo | 0.00 | 0.00 | 0.00 |
| Scotico | 0.00 | 0.00 | 0.00 |
| Usura | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PROGRESSIVE TERRENO | -30.00 | -24.73 | -15.22 | -8.49 | -3.79 | | 2.17 | 5.76 | 6.89 | 14.13 | 17.83 | 22.19 | **30.00** |
| QUOTE TERRENO | 447.20 | 447.20 | 447.15 | 447.19 | 447.52 | 447.47 | 447.45 | 446.87 | 446.90 | 447.27 | 447.26 | 447.28 | **447.27** |
| DISTANZE PARZIALI TERRENO | 5.27 | 9.51 | 6.73 | 4.69 | 3.79 | 2.17 | 3.60 | 1.12 | 7.25 | 3.70 | 4.36 | 7.75 | |
| PROGRESSIVE PROGETTO | | | | | | | | | | | | | |
| QUOTE PROGETTO | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | | | | | | | | | |

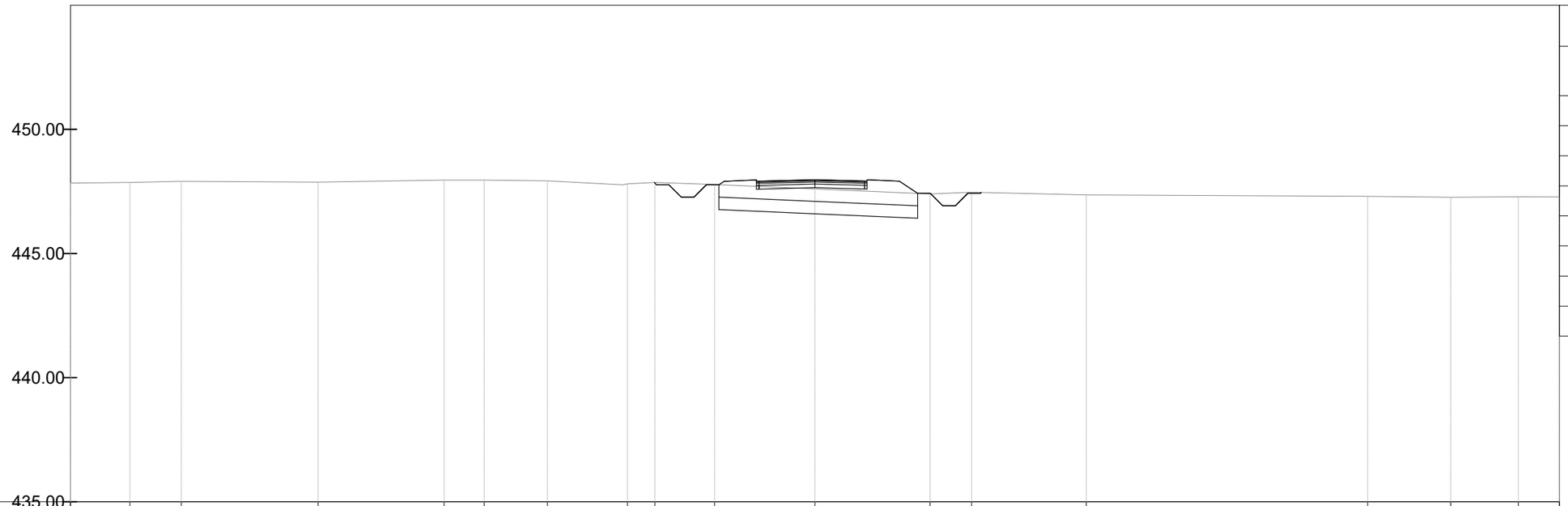
ASSE NV42
SEZIONE N. 2
PROG. 50.00




| Mat. alla progr. 0+050.00 | | | |
|---|---|---|---|
| Materiale | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Base | 0.00 | 0.00 | 0.00 |
| Binder | 0.00 | 0.00 | 0.00 |
| Bonifica | 0.00 | 0.00 | 0.00 |
| Fondazione | 0.00 | 0.00 | 0.00 |
| Rilevato | 0.00 | 0.00 | 0.00 |
| Scavo | 0.00 | 0.00 | 0.00 |
| Scotico | 0.00 | 0.00 | 0.00 |
| Usura | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PROGRESSIVE TERRENO | -30.00 | -27.67 | -25.98 | -15.05 | -13.59 | -5.59 | -4.13 | -0.88 | 0.00 | 1.36 | 2.43 | 4.85 | 6.31 | 7.53 | 14.82 | 20.39 | 29.52 | 30.00 | | | | | |
| QUOTE TERRENO | 447.39 | 447.39 | 447.39 | 447.38 | 447.35 | 447.18 | 447.46 | 447.75 | 447.75 | 447.73 | 447.68 | 446.98 | 447.32 | 447.36 | 447.25 | 447.23 | 447.23 | 447.23 | | | | | |
| DISTANZE PARZIALI TERRENO | 2.33 | 1.69 | 10.93 | 1.46 | 8.00 | 1.46 | 3.25 | 0.88 | 1.36 | 1.07 | 2.42 | | 1.15 | 1.22 | 7.29 | 5.56 | 9.13 | | | | | | |
| PROGRESSIVE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | | | | | | | | | | | | | | | | | | | |

ASSE NV42
SEZIONE N. 3
PROG. 77.00




| Mat. alla progr. 0+077.00 | | | |
|---|---|---|---|
| Materiale | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Base | 0.36 | 3.21 | 3.21 |
| Binder | 0.22 | 2.01 | 2.01 |
| Bonifica | 4.00 | 36.03 | 36.03 |
| Fondazione | 0.67 | 6.02 | 6.02 |
| Rilevato | 1.21 | 10.90 | 10.90 |
| Scavo | 1.29 | 11.59 | 11.59 |
| Scotico | 4.00 | 36.03 | 36.03 |
| Usura | 0.18 | 1.60 | 1.60 |

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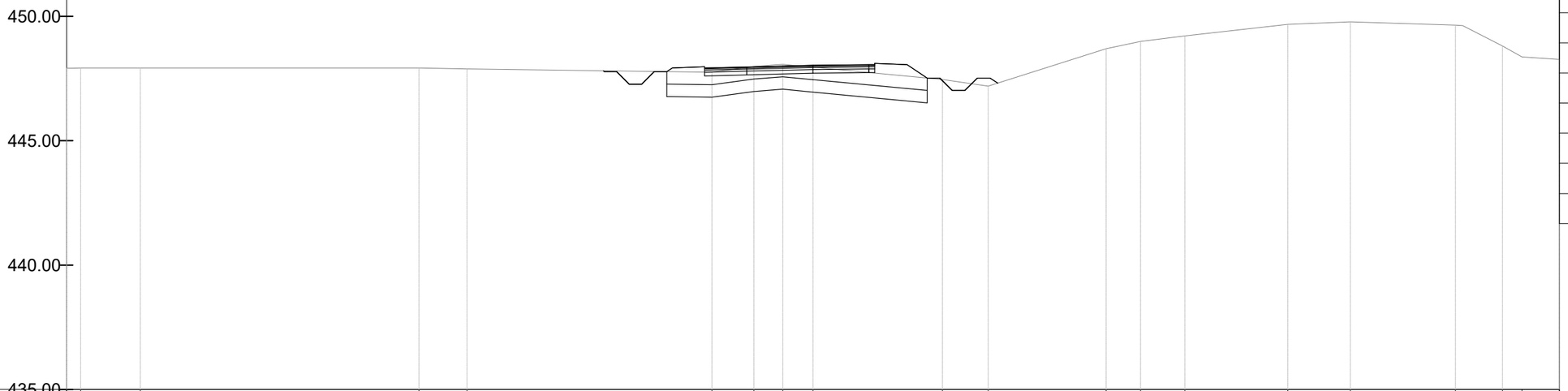
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PROGRESSIVE TERRENO | -30.00 | -27.61 | -25.54 | -20.03 | -14.95 | -13.33 | -10.78 | -7.55 | -6.45 | -4.05 | 4.64 | 6.32 | 10.93 | 22.28 | 25.62 | 28.35 | 30.00 | | | | | | |
| QUOTE TERRENO | 447.84 | 447.86 | 447.91 | 447.88 | 447.96 | 447.95 | 447.92 | 447.80 | 447.86 | 447.78 | 447.60 | 447.40 | 447.47 | 447.36 | 447.30 | 447.27 | 447.29 | 447.28 | | | | | |
| DISTANZE PARZIALI TERRENO | 2.39 | 2.07 | 5.51 | 5.08 | 1.61 | 2.55 | 3.03 | 1.10 | 2.40 | 4.05 | 4.64 | 1.68 | 4.61 | 11.35 | 3.34 | 2.73 | 1.65 | | | | | | |
| PROGRESSIVE PROGETTO | | | | | | | | | -6.45 | -5.88 | -5.38 | -4.88 | -4.37 | -3.66 | -2.26 | 2.00 | 3.40 | 4.14 | 4.64 | 5.15 | 5.65 | 6.15 | 6.67 |
| QUOTE PROGETTO | | | | | | | | | 447.86 | 447.77 | 447.77 | 447.27 | 447.77 | 447.91 | 447.91 | 447.97 | 447.92 | 447.91 | 447.42 | 447.42 | 447.42 | 446.92 | 447.42 |
| DISTANZE PARZIALI PROGETTO | | | | | | | | | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.21 | 1.30 | 2.26 | 2.00 | 1.30 | 0.74 | 0.50 | 0.50 | 0.50 | 0.50 |

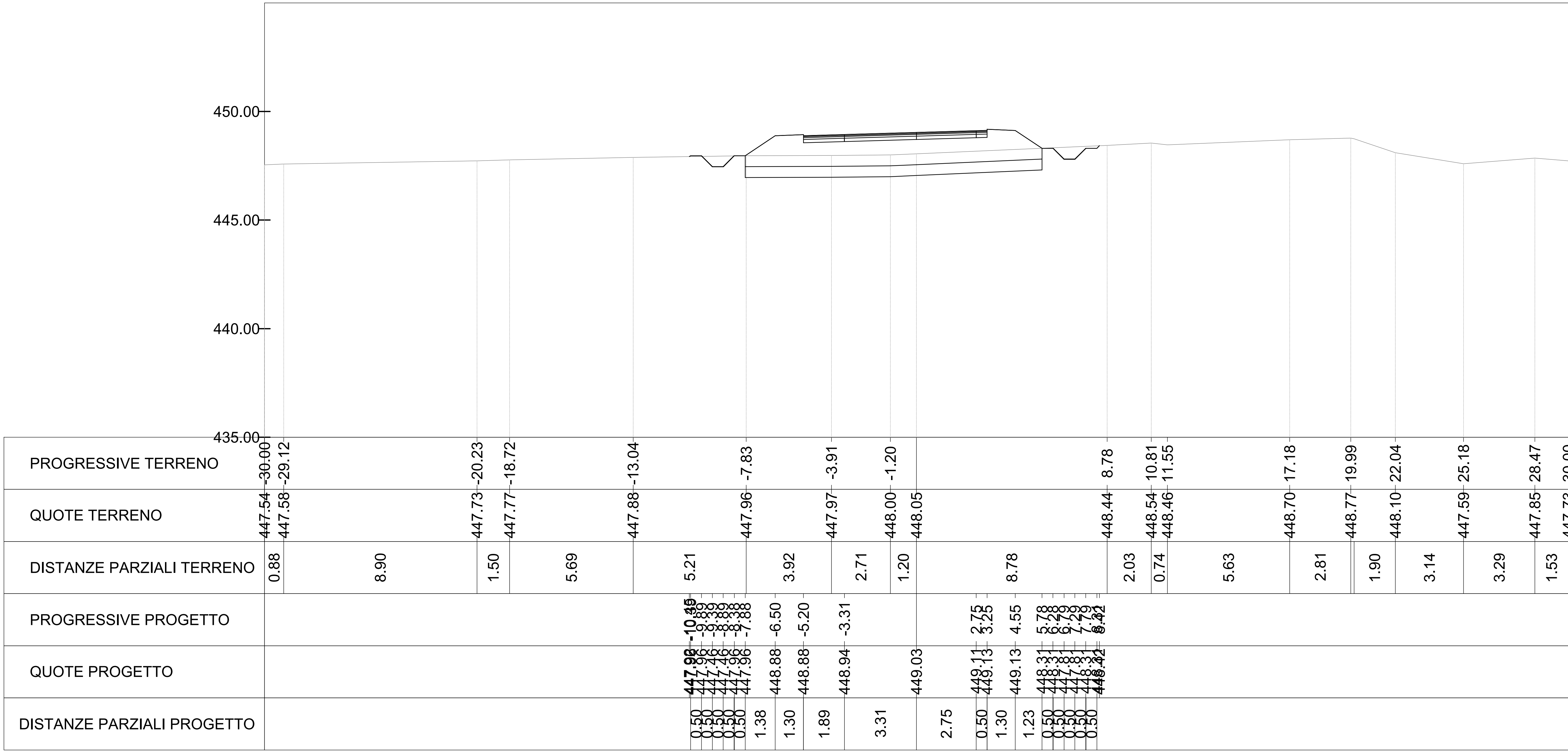
ASSE NV42
SEZIONE N. 4
PROG. 100.00




| Mat. alla progr. 0+100.00 | | | |
|---|---|---|---|
| Materiale | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Base | 0.55 | 10.32 | 13.53 |
| Binder | 0.34 | 6.45 | 8.45 |
| Bonifica | 5.25 | 106.10 | 142.13 |
| Fondazione | 1.03 | 19.34 | 25.36 |
| Rilevato | 1.23 | 28.11 | 39.02 |
| Scavo | 2.40 | 41.70 | 53.30 |
| Scotico | 5.25 | 106.10 | 142.13 |
| Usura | 0.27 | 5.16 | 6.76 |

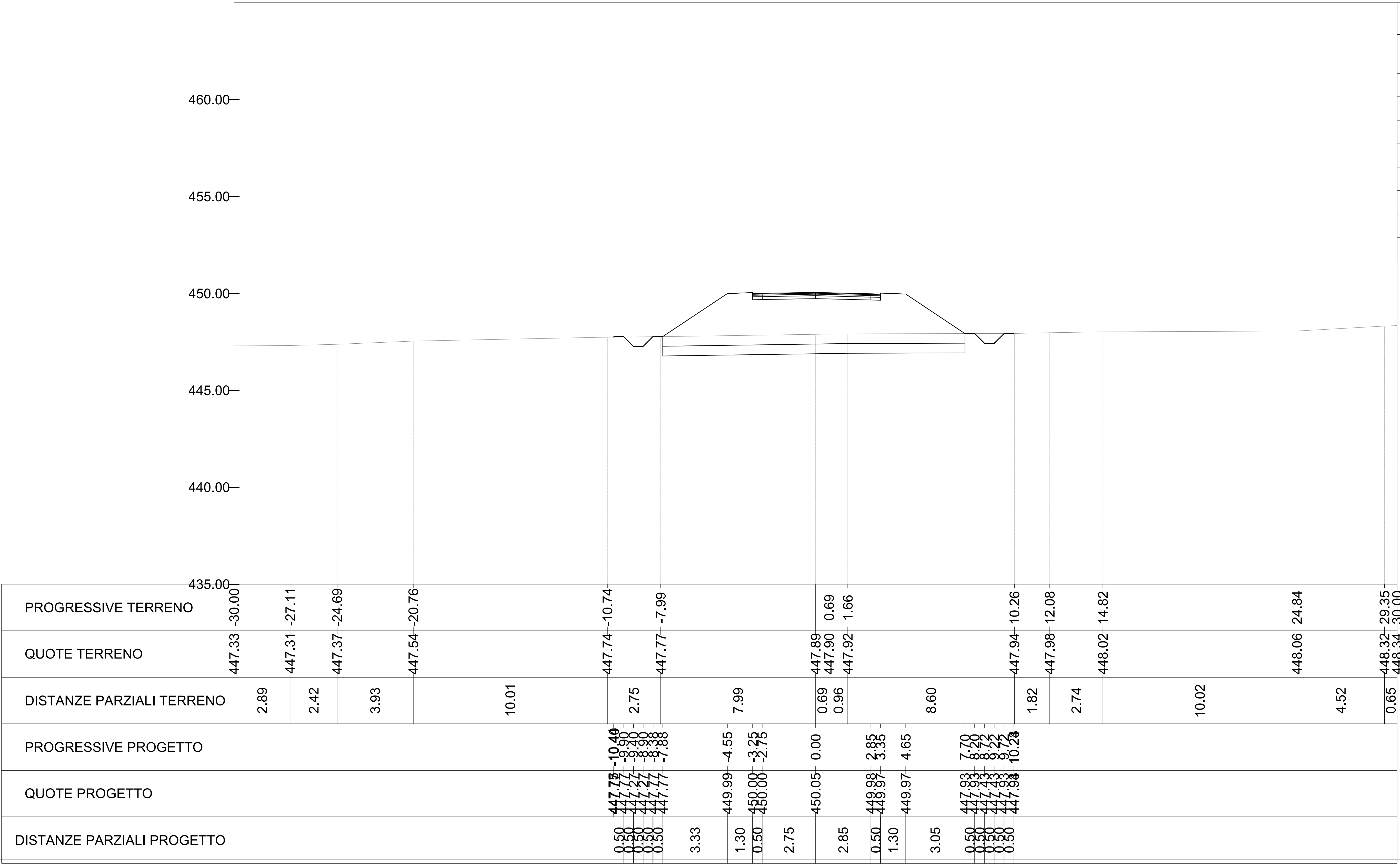
| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PROGRESSIVE TERRENO | -30.00 | -29.43 | -27.04 | -15.84 | -13.91 | -4.06 | -2.37 | -1.22 | 5.21 | 7.04 | 11.78 | 13.17 | 14.95 | 19.08 | 21.59 | 25.82 | 27.71 | 28.50 | 30.00 | | | | |
| QUOTE TERRENO | 447.91 | 447.92 | 447.92 | 447.93 | 447.89 | 447.75 | 447.98 | 448.07 | 447.95 | 447.46 | 447.19 | 448.70 | 448.99 | 449.21 | 449.67 | 449.78 | 449.64 | 448.81 | 448.37 | 448.27 | | | |
| DISTANZE PARZIALI TERRENO | 2.39 | 11.20 | 1.93 | 9.85 | 1.69 | 1.16 | 1.22 | 5.21 | 1.83 | 4.74 | 1.38 | 1.78 | 4.14 | 2.51 | 4.23 | 1.60 | 0.78 | 1.50 | | | | | |
| PROGRESSIVE PROGETTO | -8.19 | -7.89 | -7.39 | -6.39 | -6.37 | -5.66 | -4.36 | -2.66 | 2.25 | 3.78 | 4.59 | 5.09 | 5.60 | 6.10 | 6.60 | 7.11 | 7.42 | | | | | | |
| QUOTE PROGETTO | 447.81 | 447.77 | 447.77 | 447.77 | 447.77 | 447.92 | 447.92 | 447.96 | 448.03 | 448.05 | 448.06 | 447.52 | 447.52 | 447.52 | 447.02 | 447.52 | 447.52 | 447.34 | | | | | |
| DISTANZE PARZIALI PROGETTO | 0.50 | 0.50 | 0.50 | 0.50 | 0.22 | 1.30 | 1.69 | 2.66 | 2.25 | 1.30 | 0.80 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.31 | | | | | | |

ASSE NV42
SEZIONE N. 5
PROG. 150.00



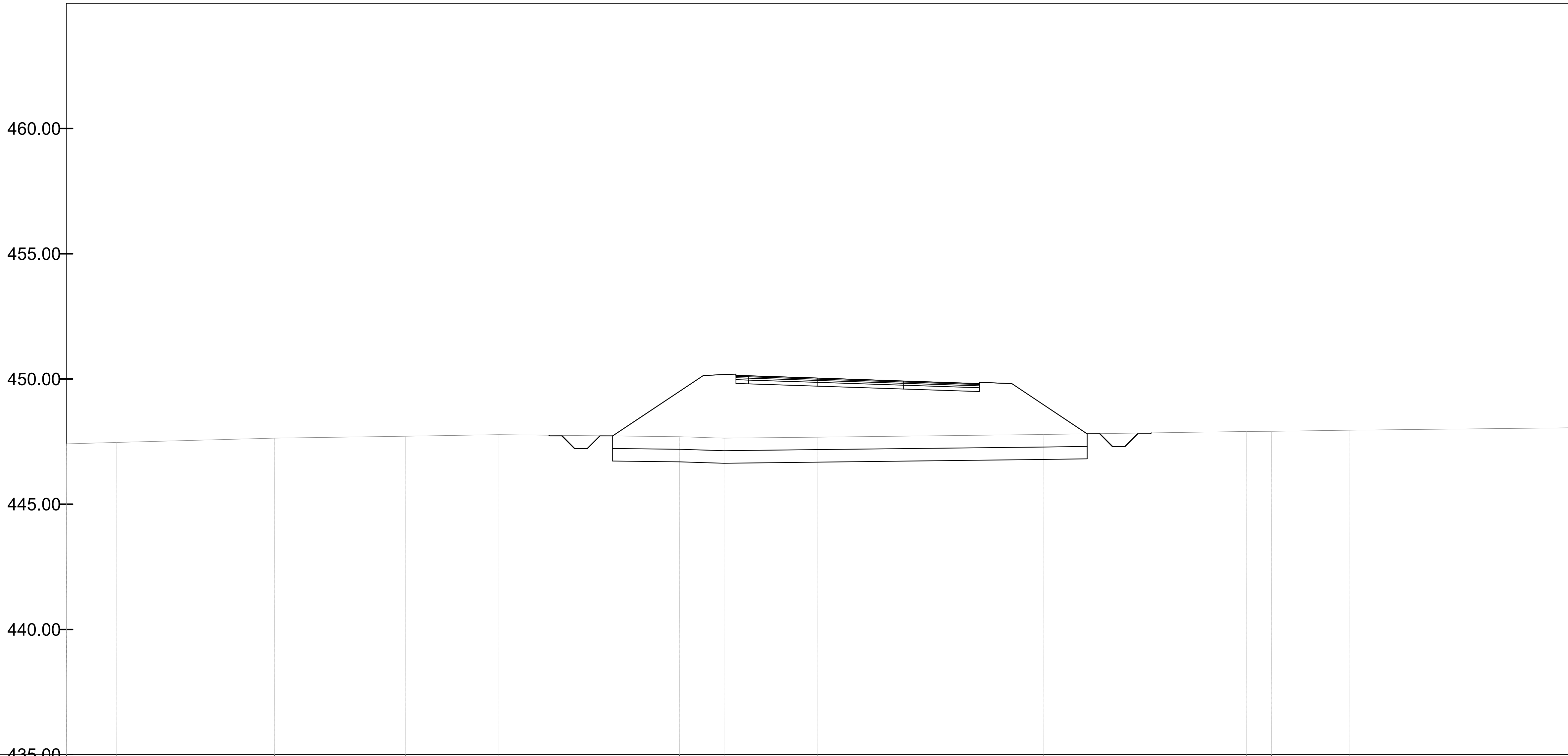

| Mat. alla progr. 0+150.00 | | | |
|---|---|---|---|
| Materiale | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Base | 0.68 | 30.52 | 44.04 |
| Binder | 0.42 | 19.07 | 27.53 |
| Bonifica | 6.87 | 302.15 | 444.29 |
| Fondazione | 1.27 | 57.22 | 82.58 |
| Rilevato | 9.05 | 227.00 | 266.02 |
| Scavo | 1.16 | 86.90 | 140.20 |
| Scotico | 6.87 | 302.15 | 444.29 |
| Usura | 0.34 | 15.26 | 22.02 |

ASSE NV42
SEZIONE N. 6
PROG. 200.00




| Mat. alla progr. 0+200.00 | | | |
|---|---|---|---|
| Materiale | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Base | 0.53 | 30.02 | 74.07 |
| Binder | 0.33 | 18.77 | 46.29 |
| Bonifica | 8.73 | 389.01 | 833.30 |
| Fondazione | 0.99 | 56.30 | 138.88 |
| Rilevato | 24.22 | 801.19 | 1067.21 |
| Scavo | 1.02 | 54.41 | 194.61 |
| Scotico | 8.73 | 389.01 | 833.30 |
| Usura | 0.26 | 15.01 | 37.03 |

ASSE NV42
SEZIONE N. 7
PROG. 250.00




| Mat. alla progr. 0+250.00 | | | |
|---|---|---|---|
| Materiale | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Base | 0.78 | 32.46 | 106.52 |
| Binder | 0.49 | 20.29 | 66.58 |
| Bonifica | 10.77 | 486.58 | 1319.88 |
| Fondazione | 1.46 | 60.86 | 199.73 |
| Rilevato | 32.64 | 1416.38 | 2483.59 |
| Scavo | 1.12 | 53.59 | 248.20 |
| Scotico | 10.77 | 486.58 | 1319.88 |
| Usura | 0.39 | 16.23 | 53.26 |

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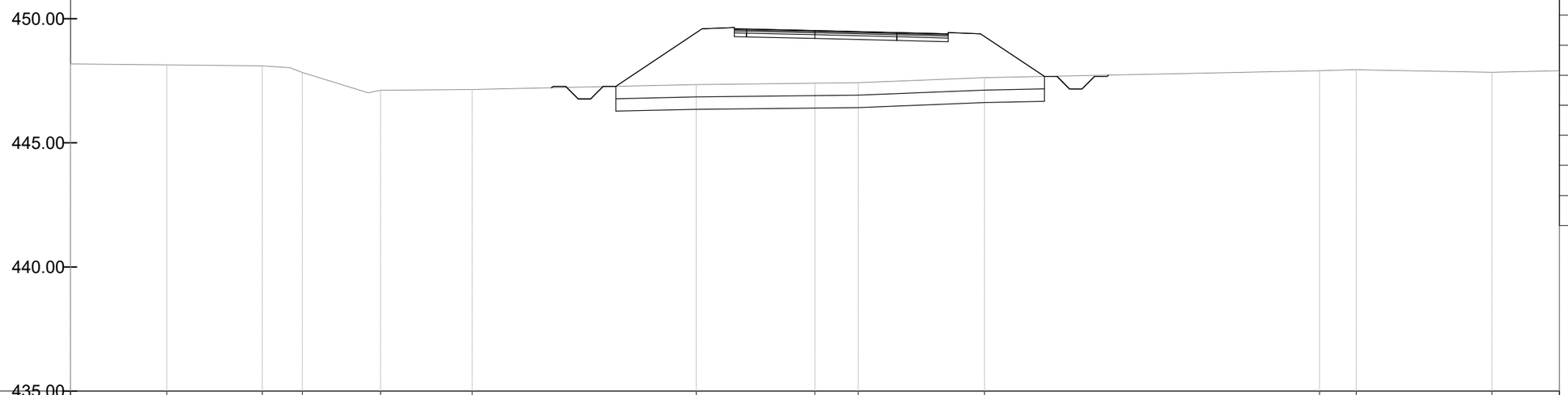
|---|---|
| PROGRESSIVE TERRENO | -30.00, -28.01, -21.69, -16.46, -12.71, -5.50, -3.72, 9.02, 17.14, 18.15, 21.25, 30.00 |
| QUOTE TERRENO | 447.41, 447.46, 447.64, 447.72, 447.78, 447.69, 447.64, 447.68, 447.78, 447.91, 447.91, 447.96, 448.05 |
| DISTANZE PARZIALI TERRENO | 1.99, 6.32, 5.22, 3.75, 7.21, 1.78, 3.72, 9.02, 8.12, 1.00, 3.10, 8.75 |
| PROGRESSIVE PROGETTO | -10.79, -10.19, -9.69, -9.19, -8.68, -8.18, -4.55, -3.25, -2.75, 0.00, 3.44, 6.48, 7.78, 10.79, 11.29, 11.80, 12.30, 12.80, 13.35 |
| QUOTE PROGETTO | 447.72, 447.72, 447.22, 447.22, 447.72, 447.72, 450.14, 450.14, 450.13, 450.03, 449.92, 449.82, 449.82, 447.81, 447.81, 447.31, 447.31, 447.81, 447.85 |
| DISTANZE PARZIALI PROGETTO | 0.50, 0.50, 0.50, 0.50, 0.50, 3.63, 1.30, 0.50, 2.75, 3.44, 3.03, 1.30, 3.01, 0.50, 0.50, 0.50, 0.50, 0.50 |

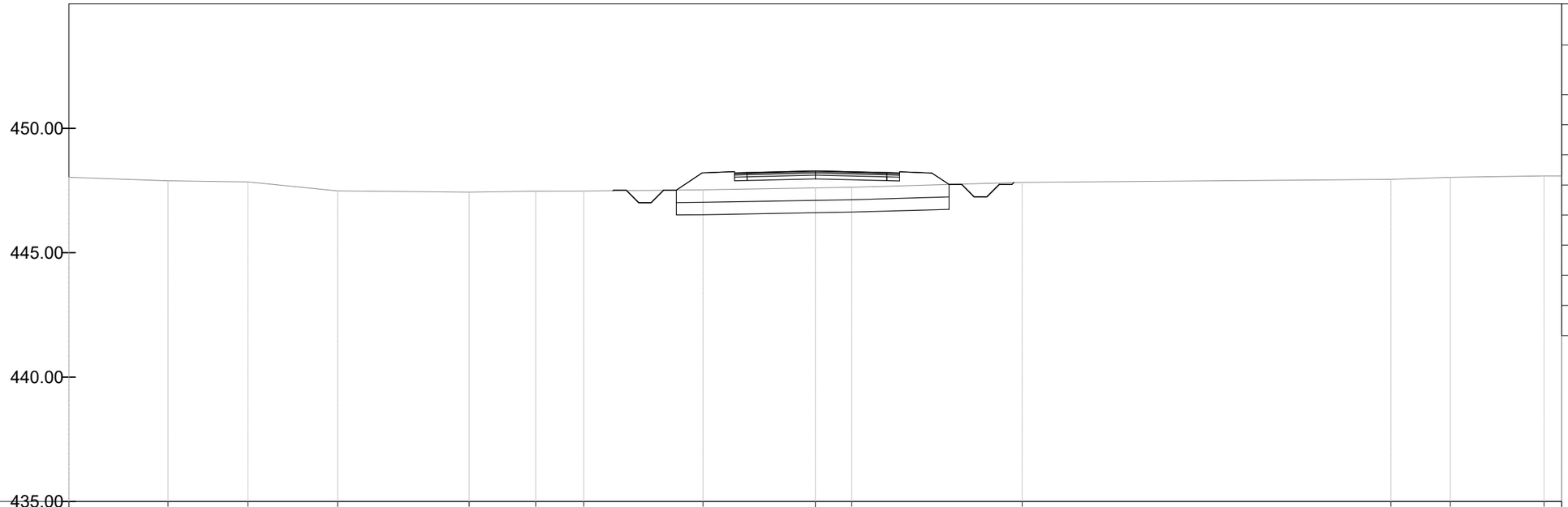
ASSE NV42
SEZIONE N. 8
PROG. 300.00




| Mat. alla progr. 0+300.00 | | | |
|---|---|---|---|
| Materiale | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Base | 0.69 | 36.68 | 143.20 |
| Binder | 0.43 | 22.92 | 89.50 |
| Bonifica | 9.99 | 519.06 | 1838.93 |
| Fondazione | 1.29 | 68.77 | 268.50 |
| Rilevato | 26.55 | 1477.12 | 3960.71 |
| Scavo | 1.06 | 54.59 | 302.78 |
| Scotico | 9.99 | 519.06 | 1838.93 |
| Usura | 0.34 | 18.34 | 71.60 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PROGRESSIVE TERRENO | -30.00 | -26.12 | -22.27 | -20.66 | -17.50 | -13.81 | -4.78 | 1.74 | 6.83 | 20.34 | 21.81 | 27.28 | 30.00 |
| QUOTE TERRENO | 448.17 | 448.14 | 448.10 | 447.84 | 447.12 | 447.15 | 447.35 | 447.40 | 447.42 | 447.62 | 447.90 | 447.95 | 447.84 | 447.90 |
| DISTANZE PARZIALI TERRENO | 3.88 | 3.85 | 1.11 | 0.50 | 2.66 | 0.50 | 3.69 | 9.03 | 4.78 | 1.74 | 5.09 | 13.50 | 1.47 | 5.09 | 2.72 |
| PROGRESSIVE PROGETTO | -10.62 | -10.04 | -9.54 | -9.04 | -8.53 | -8.03 | -4.55 | -3.25 | -2.75 | 3.30 | 5.37 | 6.67 | 9.25 | 9.75 | 10.26 | 10.76 | 11.26 | 11.58 |
| QUOTE PROGETTO | 447.28 | 447.28 | 447.28 | 446.78 | 446.78 | 447.28 | 447.28 | 449.59 | 449.60 | 449.58 | 449.53 | 449.44 | 449.39 | 449.39 | 447.67 | 447.67 | 447.17 | 447.17 | 447.67 | 447.67 | 447.83 |
| DISTANZE PARZIALI PROGETTO | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 3.48 | 1.30 | 0.50 | 2.75 | 3.30 | 2.07 | 1.30 | 2.58 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 |

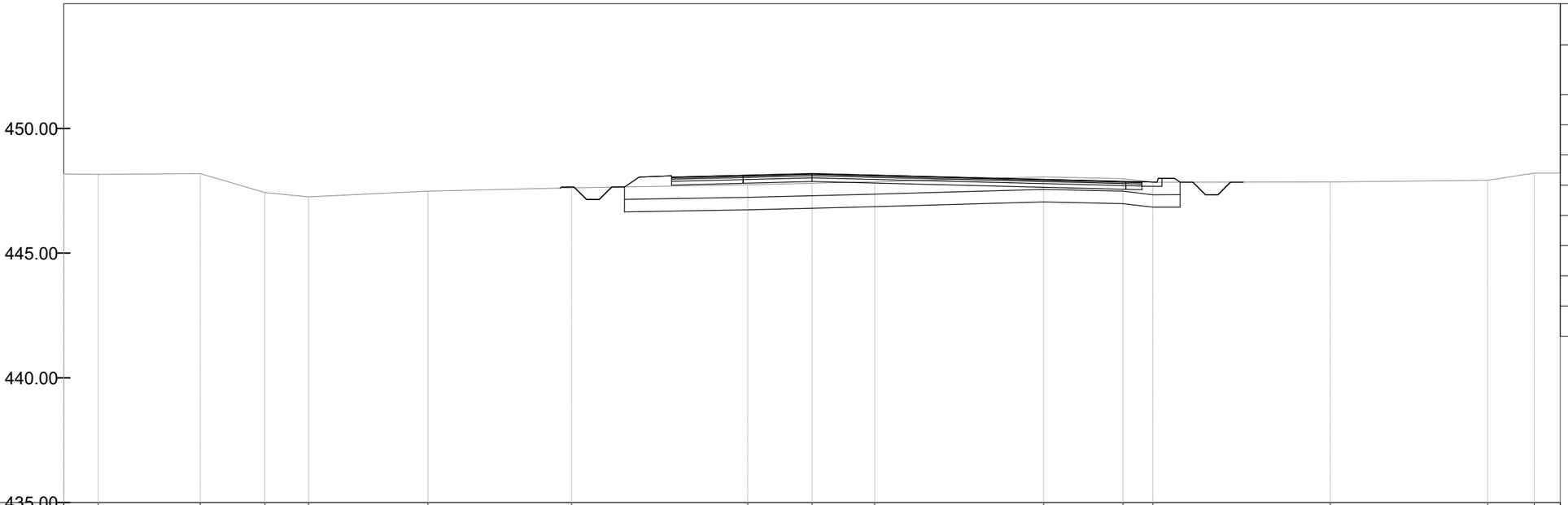
ASSE NV42
SEZIONE N. 9
PROG. 350.00




| Mat. alla progr. 0+350.00 | | | |
|---|---|---|---|
| Materiale | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Base | 0.53 | 30.43 | 173.62 |
| Binder | 0.33 | 19.02 | 108.52 |
| Bonifica | 8.05 | 450.26 | 2289.19 |
| Fondazione | 1.00 | 57.05 | 325.55 |
| Rilevato | 4.24 | 689.76 | 4650.47 |
| Scavo | 1.11 | 54.36 | 357.15 |
| Scotico | 8.05 | 450.26 | 2289.19 |
| Usura | 0.27 | 15.21 | 86.81 |

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PROGRESSIVE TERRENO | -30.00 | -26.02 | -22.81 | -19.20 | -13.92 | -11.24 | -9.31 | -4.51 | 1.46 | 8.31 | 23.14 | 25.52 | 29.29 | 30.00 | | | | | | | | | |
| QUOTE TERRENO | 448.03 | 447.89 | 447.85 | 447.49 | 447.44 | 447.47 | 447.48 | 447.53 | 447.60 | 447.63 | 447.83 | 447.94 | 448.03 | 448.09 | 448.09 | | | | | | | | |
| DISTANZE PARZIALI TERRENO | 3.98 | 3.22 | 3.60 | 5.29 | 2.68 | 1.93 | 4.79 | 4.51 | 1.46 | 6.85 | 14.65 | 2.38 | 3.77 | 0.71 | | | | | | | | | |
| PROGRESSIVE PROGETTO | -8.10 | -7.60 | -7.00 | -6.60 | -6.09 | -5.59 | -4.55 | -3.25 | -2.75 | 2.87 | 3.38 | 4.68 | 5.37 | 5.87 | 6.39 | 6.89 | 7.39 | 7.90 | | | | | |
| QUOTE PROGETTO | 447.49 | 447.52 | 447.02 | 447.02 | 447.52 | 447.52 | 448.21 | 448.21 | 448.22 | 448.29 | 448.22 | 448.21 | 448.20 | 447.74 | 447.74 | 447.24 | 447.24 | 447.74 | 447.74 | 447.84 | | | |
| DISTANZE PARZIALI PROGETTO | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 1.04 | 1.30 | 0.50 | 2.75 | 2.87 | 0.51 | 1.30 | 0.69 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | | | | |

ASSE NV42
SEZIONE N. 10
PROG. 365.00




| Mat. alla progr. 0+365.00 | | | |
|---|---|---|---|
| Materiale | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Base | 1.51 | 14.67 | 188.30 |
| Binder | 0.94 | 9.17 | 117.68 |
| Bonifica | 13.39 | 159.16 | 2448.34 |
| Fondazione | 2.83 | 27.51 | 353.05 |
| Rilevato | 1.17 | 38.13 | 4688.60 |
| Scavo | 4.38 | 38.49 | 395.63 |
| Scotico | 13.39 | 159.16 | 2448.34 |
| Usura | 0.75 | 7.34 | 94.15 |

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PROGRESSIVE TERRENO | -30.00 | -28.62 | -24.53 | -21.93 | -20.19 | -15.40 | -9.64 | -2.58 | 2.51 | 9.28 | 12.46 | 13.66 | 20.78 | 27.09 | 28.95 | 30.00 | | | | | | | |
| QUOTE TERRENO | 448.17 | 448.16 | 448.19 | 447.43 | 447.26 | 447.49 | 447.62 | 447.74 | 447.80 | 447.86 | 448.05 | 447.98 | 447.84 | 447.86 | 447.92 | 448.21 | 448.21 | | | | | | |
| DISTANZE PARZIALI TERRENO | 1.38 | 4.09 | 2.59 | 1.74 | 4.79 | 5.76 | 7.06 | 2.58 | 2.51 | 6.77 | 3.18 | 1.20 | 7.12 | 6.31 | 1.86 | 1.05 | | | | | | | |
| PROGRESSIVE PROGETTO | | | | | | | -10.04 | -9.54 | -9.04 | -8.54 | -8.02 | -7.52 | -6.93 | -5.63 | -2.76 | 12.58 | 13.23 | 13.83 | 14.53 | 15.26 | 16.27 | 16.77 | 17.29 |
| QUOTE PROGETTO | | | | | | | 447.61 | 447.65 | 447.15 | 447.65 | 447.65 | 447.65 | 448.05 | 448.05 | 448.12 | 448.19 | 447.87 | 447.86 | 447.85 | 448.00 | 447.84 | 447.84 | 447.84 |
| DISTANZE PARZIALI PROGETTO | | | | | | | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.59 | 1.30 | 2.87 | 2.76 | 12.58 | 0.65 | 0.60 | 0.50 | 0.73 | 0.50 | 0.50 | 0.50 |