ANAS S.p.A.

Direzione Progettazione e Realizzazione Lavori

## NUOVA S.S. 341 "GALLARATESE" - TRATTO DA SAMARATE A CONFINE CON LA PROVINCIA DI NOVARA - TRATTO NORD

# STRALCIO FUNZIONALE DAL KM 6+500 (SVINCOLO S.S. 336 NORD) AL KM 8+844 (SVINCOLO AUTOSTRADA A8) "BRETELLA DI GALLARATE"

# PROGETTO ESECUTIVO


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Dott. Geol. Danilo Gallo
Ordine dei Geologi della Regione Puglia n° 588


| VISTO: IL RESPONSABILE DEL PROCEDIMENTO | RESPONSABILE INTEGRAZIONE DELLE PRESTAZIONI SPECIALISTICHE | IL PROGETTISTA FIRMATARIO DELLA PRESTAZIONE | GEOLOGO | COORDINATORE DELLA SICUREZZA IN FASE DI PROGETTAZIONE |
|---|---|---|---|---|
| Dott. Ing. Giancarlo LUONGO | Ing. Renato DEL PRETE | Ing. Valerio BAJETTI | Prof. Ing. Geol. Luigi MONTERISI | Ing. Gaetano RANIERI |

DB 344

## D-PROGETTO STRADALE

### DB - SVINCOLI - DB-3 - SVINCOLO A8/PEDEMONTANA LOMBARDA

Sezioni trasversali Rampa C

| CODICE PROGETTO | | | NOME FILE | REVISIONE | SCALA: |
|---|---|---|---|---|---|
| PROGETTO | LIV. PROG. | N. PROG. | DB343_V03PS00TRASZ06_B.dwg | | |
| MI533 | E | 1801 | CODICE ELAB. V03PS00TRASZ06 | B | 1:200 |

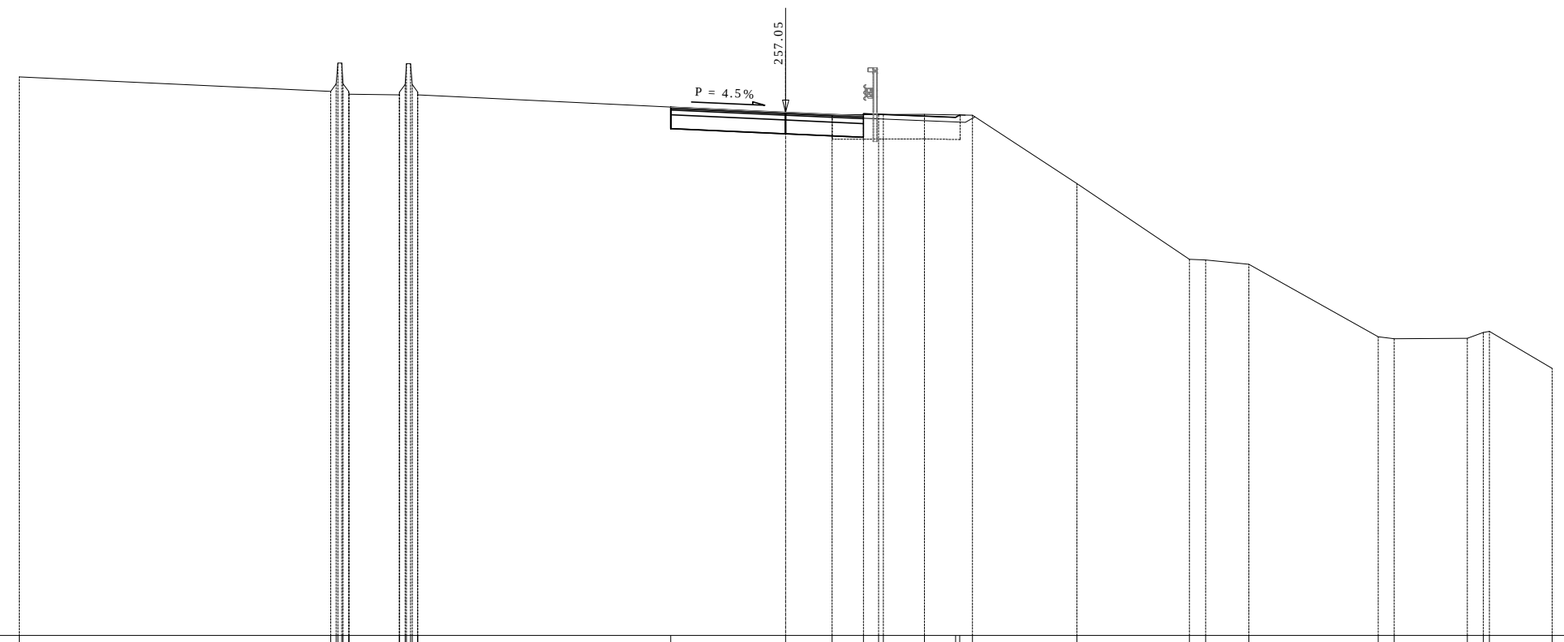
| REV. | DESCRIZIONE | DATA | REDATTO | VERIFICATO | APPROVATO |
|---|---|---|---|---|---|
| D | | | | | |
| C | | | | | |
| B | EMISSIONE A SEGUITO DI ISTRUTTORIA INTERNA ANAS | MAGGIO 2021 | ING. AURORA LUISI | ING. VALERIO BAJETTI | ING. RENATO DEL PRETE |
| A | EMISSIONE | OTTOBRE 2020 | ING. AURORA LUISI | ING. VALERIO BAJETTI | ING. RENATO DEL PRETE |

SEZIONE N. C(A8)-1
PROGR. 0.00
QP = 257.05

ml 13.67 a sez.n. C(A8)-2

| SEZIONE N. C(A8)-1 | |
|---|---|
| Rilevato (mq) | 0.01 |
| Scavo (mq) | 4.55 |
| Scotico (m) | 0.00 |
| Bonifica (mq) | 1.97 |
| Ammorsamento (mq) | 0.00 |
| Terreno vegetale sx (mq) | 0.00 |
| Terreno vegetale dx (mq) | 0.52 |
| Usura drenante (m) | 55.72 |
| Binder (m) | 55.72 |
| Base bitumata (m) | 55.72 |
| Base cementata (m) | 55.72 |
| Fondazione (m) | 55.72 |

AUTOSTRADA A36
PEDEMONTANA




240.00

**Terreno**

Dist. parziali: 10.16 | 14.84 14.79 14.61 1.64 | 8.25 | 3.75 | 1.52 | 1.02 | 0.49 0.16 1.34 | 1.01 | 0.11 0.42 3.41 | 3.67 | 0.52 1.41 | 4.23 | 0.52 2.39 | 0.52 0.20 2.04

Dist. progressive: -25.00 | -14.84 -14.79 -14.61 -14.48 -14.44 -14.25 -14.24 -12.64 -12.60 -12.41 -12.37 -12.34 -12.18 -12.01 -12.00 | -3.75 | 0.00 | 1.52 | 2.54 -2.54 -3.03 3.19 | 4.53 -4.53 | 5.54 -5.54 -5.68 6.09 | 9.50 | 13.17 -13.17 -13.70 | 15.11 | 19.33 -19.33 -19.85 | 22.24 -22.24 -22.76 -22.96 | 25.00

Quote Terreno: 258.21 | 257.74 257.79 257.61 258.66 258.66 257.99 257.74 257.74 257.62 257.72 257.97 258.64 258.64 257.97 257.72 257.62 | 257.23 | 257.05 | 256.98 | 256.98 256.88 256.98 | 256.99 | 256.97 256.97 256.96 | 254.74 | 252.26 252.24 | 252.10 | 249.74 249.68 | 249.69 249.88 249.92 | 248.71

**Progetto**

Dist. parziali: 3.75 | 2.54 | 0.49 0.16 2.35 | 0.11

Dist. progressive: -3.75 | 0.00 | -2.54 -3.03 3.19 | 5.54 -5.68

Quote Progetto: 257.23 257.22 | 257.05 | 256.94 256.91 256.99 256.98 | 256.89 256.97

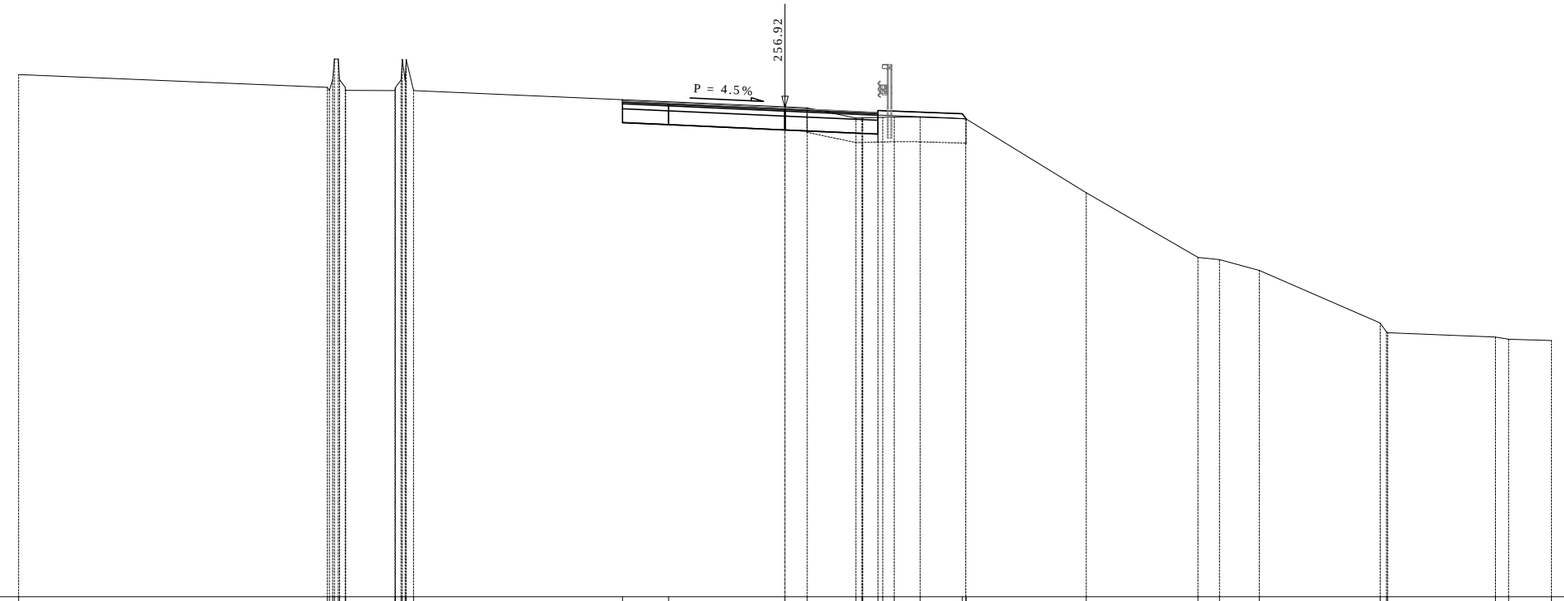
# SEZIONE N. C(A8)-2

PROGR. 13.67
QP = 256.92

ml 13.67 da sez.n. C(A8)-1 ⟵ | ⟶ ml 13.80 a sez.n. C(A8)-3

| SEZIONE N. C(A8)-2 | |
|---|---|
| Rilevato (mq) | 0.52 |
| Scavo (mq) | 5.87 |
| Scotico (m) | 0.00 |
| Bonifica (mq) | 2.87 |
| Ammorsamento (mq) | 0.00 |
| Terreno vegetale sx (mq) | 0.00 |
| Terreno vegetale dx (mq) | 0.43 |
| Usura drenante (m) | 56.53 |
| Binder (m) | 56.53 |
| Base bitumata (m) | 56.53 |
| Base cementata (m) | 56.53 |
| Fondazione (m) | 56.53 |

AUTOSTRADA A36
PEDEMONTANA




241.00

**Terreno**

Dist. parziali: 10.07 | 1.61 | 6.82 | 1.50 | 3.80 | 0.73 | 1.59 | 0.49 | 0.41 | 0.15 | 0.37 | 0.84 | 1.38 | 0.43 | 3.92 | 3.65 | 0.69 | 1.30 | 3.95 | 0.84 | 3.51 | 0.43 | 1.40

Dist. progressive: -25.00 | -14.93 -14.86 -14.76 -14.70 -14.57 -14.53 -14.34 -14.34 -12.72 -12.71 -12.53 -12.49 -12.40 -12.35 -12.12 | -5.30 | -3.80 | -0.00 | -0.73 | -2.31 -2.50 -2.54 -2.61 -3.03 -3.19 -3.56 -4.40 | -5.78 -5.89 -5.91 | -9.83 | -13.48 | -14.17 | -15.47 | -19.42 -19.52 -19.66 | -23.17 -23.60 | -25.00

Quote Terreno: 258.02 | 257.61 257.51 257.86 258.53 258.63 257.61 257.51 257.50 257.60 257.80 258.52 257.85 258.52 257.50 | 257.20 | 257.14 | 256.97 | 256.94 | 256.61 256.61 256.61 256.62 256.62 256.64 256.63 | 256.59 256.59 256.58 | 254.17 | 252.06 | 251.99 | 251.64 | 249.92 249.53 249.60 | 249.46 249.40 | 249.35

**Progetto**

Dist. parziali: 1.50 | 3.80 | 2.50 | 0.49 | 0.15 | 2.59 | 0.13

Dist. progressive: -5.30 | -3.80 | -0.00 | -2.50 -2.54 -3.03 3.19 | -5.78 -5.91

Quote Progetto: 257.20 257.16 | 257.09 | 256.92 | 256.81 256.81 256.78 256.85 256.85 | 256.74 256.58

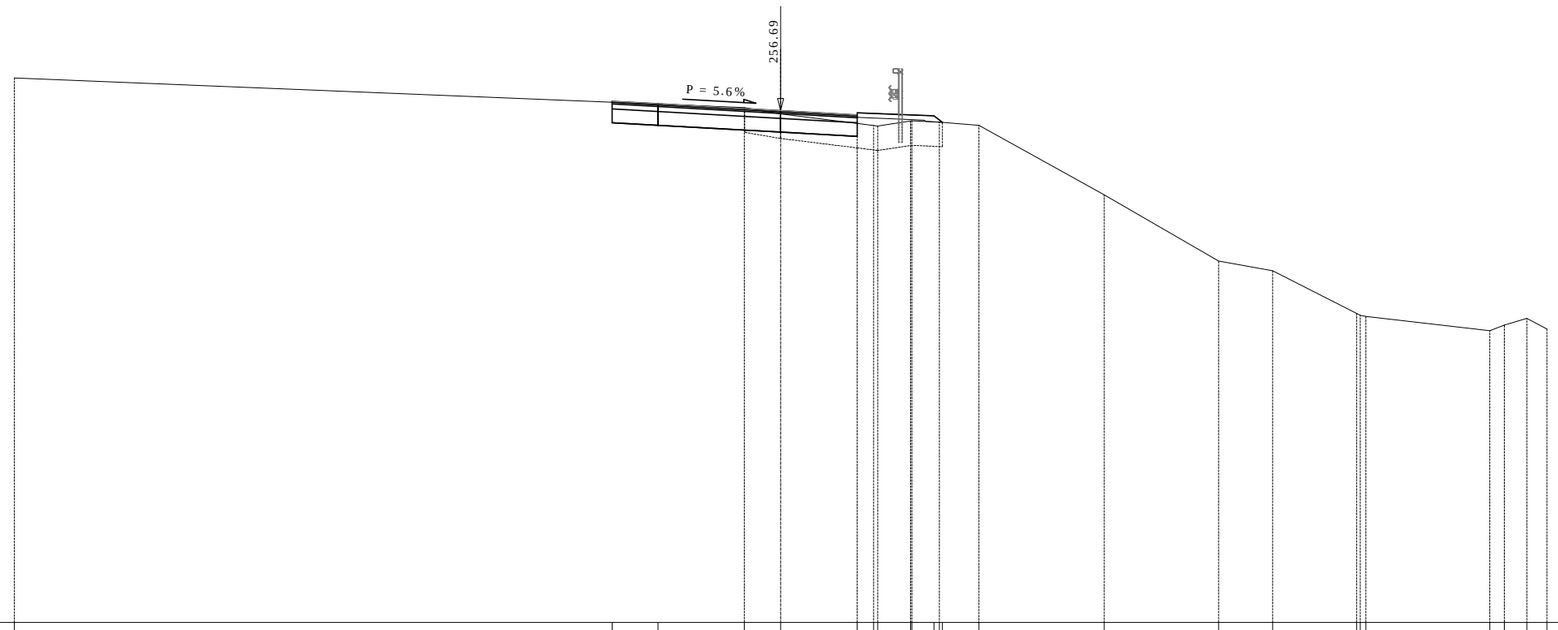
# SEZIONE N. C(A8)-3

PROGR. 27.47
QP = 256.69

ml 13.80 da sez.n. C(A8)-2 ◄ | ► ml 19.87 a sez.n. C(A8)-4

| SEZIONE N. C(A8)-3 | |
|---|---|
| Rilevato (mq) | 0.31 |
| Scavo (mq) | 5.08 |
| Scotico (m) | 0.00 |
| Bonifica (mq) | 3.11 |
| Ammorsamento (mq) | 0.00 |
| Terreno vegetale sx (mq) | 0.00 |
| Terreno vegetale dx (mq) | 0.41 |
| Usura drenante (m) | 51.80 |
| Binder (m) | 51.80 |
| Base bitumata (m) | 51.80 |
| Base cementata (m) | 51.80 |
| Fondazione (m) | 51.80 |

AUTOSTRADA A36
PEDEMONTANA




240.00

**Terreno**

Dist. parziali: 19.50 | 1.50 | 2.81 | 1.19 | 2.50 | 0.53 | 0.53 | 1.08 | 0.04 | 0.72 | 0.18 | 0.18 | 1.19 | 4.09 | 3.73 | 1.77 | 2.73 | 0.18 | 0.18 | 4.04 | 0.48 | 0.73 | 0.66

Dist. progressive: 25.00 | 5.50 | 4.00 | 1.19 | 0.00 | 2.50 | 3.03 | 3.16 | 4.24 | 4.28 | 5.00 | 5.18 | 5.28 | 6.47 | 10.56 | 14.29 | 16.05 | 18.79 | 18.91 | 19.09 | 23.13 | 23.61 | 24.34 | 25.00

Quote Terreno: 257.75 | 256.96 | 256.90 | 256.78 | 256.58 | 256.27 | 256.21 | 256.19 | 256.35 | 256.36 | 256.32 | 256.32 | 256.31 | 256.21 | 253.94 | 251.78 | 251.46 | 250.08 | 250.01 | 249.98 | 249.51 | 249.70 | 249.92 | 249.57

**Progetto**

Dist. parziali: 1.50 | 4.00 | 2.50 | 0.53 | 1.21 | 0.76 | 0.28

Dist. progressive: 5.50 | 4.00 | 0.00 | 2.50 | 3.03 | 4.24 | 5.00 | 5.28

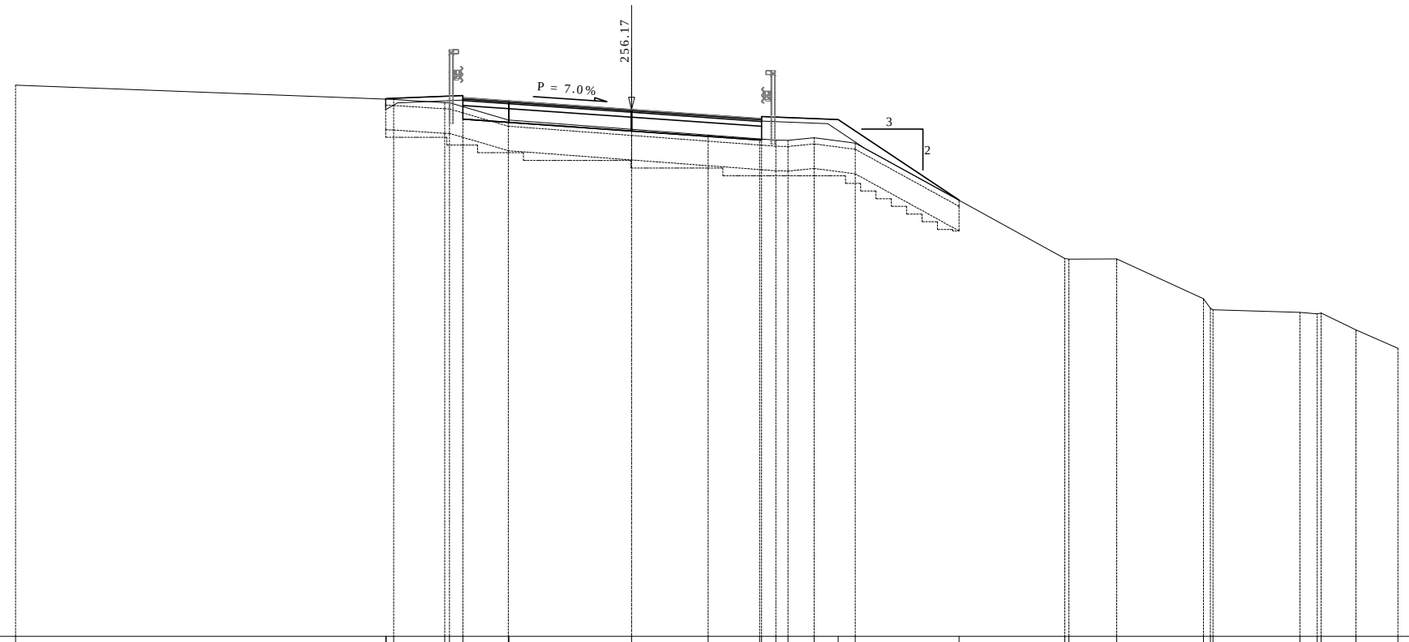
Quote Progetto: 256.96 | 256.99 | 256.91 | 256.69 | 256.55 | 256.62 | 256.59 | 256.55 | 256.52 | 256.31

# SEZIONE N. C(A8)-4

PROGR. 47.34
QP = 256.17

ml 19.87 da sez.n. C(A8)-3 ← | → ml 20.13 a sez.n. C(A8)-5

| SEZIONE N. C(A8)-4 | |
|---|---|
| Rilevato (mq) | 8.30 |
| Scavo (mq) | 4.15 |
| Scotico (m) | 26.56 |
| Bonifica (mq) | 21.25 |
| Ammorsamento (mq) | 4.05 |
| Terreno vegetale sx (mq) | 0.88 |
| Terreno vegetale dx (mq) | 4.11 |
| Usura drenante (m) | 46.91 |
| Binder (m) | 46.91 |
| Base bitumata (m) | 46.91 |
| Base cementata (m) | 46.91 |
| Fondazione (m) | 46.91 |




239.00

**Terreno**

| Dist. parziali | 12.07 | 0.03 | 1.66 | 0.15 | 0.44 | 1.48 | 0.02 | 4.00 | 2.50 | 1.68 | 0.05 | 0.47 | 0.40 | 0.85 | 0.79 | 0.56 | 3.38 | 3.46 | 1.55 | 2.83 | 0.02 | 2.83 | 0.57 | 1.13 | 1.37 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| Dist. progressive | -20.09 | -8.02 | -8.00 | -7.76 | -6.10 | -5.94 | -5.50 | -4.02 | -4.00 | 0.00 | 2.50 | -4.18 | -4.24 | -4.71 | -5.11 | -5.17 | -5.95 | -6.74 | -7.30 | 10.68 | -14.14 | -14.27 | 15.82 | -18.66 | -18.88 | -18.97 | 21.80 | -22.37 | -22.50 | 23.63 | 25.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Quote Terreno | 256.97 | 256.51 | 256.51 | 256.50 | 256.40 | 256.39 | 256.26 | 255.83 | 255.83 | 255.53 | 255.34 | 255.22 | 255.18 | 255.17 | 255.17 | 255.25 | 255.15 | 255.08 | 253.22 | 251.32 | 251.29 | 251.30 | 250.00 | 249.70 | 249.65 | 249.56 | 249.51 | 249.54 | 248.99 | 248.39 | |

**Progetto**

| Dist. parziali | 0.02 | 2.50 | 1.50 | 4.00 | 2.50 | 1.68 | 0.00 | 2.50 | 3.94 |
|---|---|---|---|---|---|---|---|---|---|

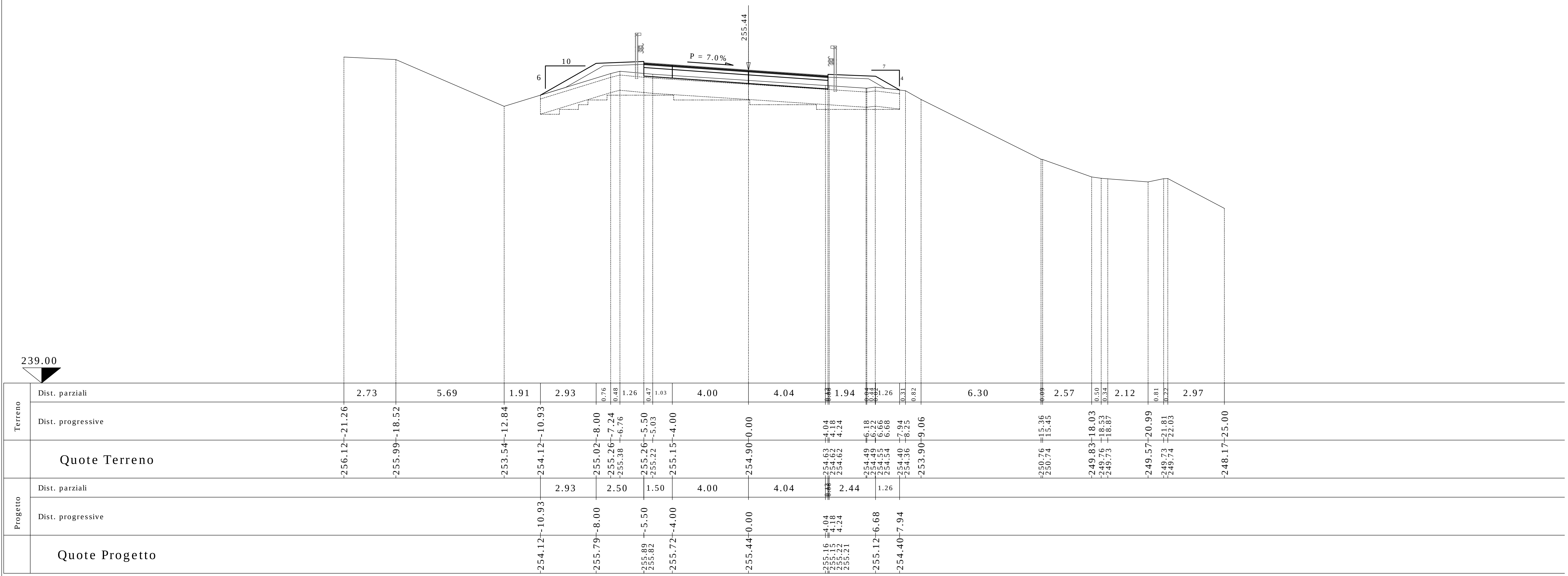
| Dist. progressive | -8.02 | -8.00 | -5.50 | -4.00 | 0.00 | 2.50 | -4.18 | 4.24 | 6.74 | 10.68 |
|---|---|---|---|---|---|---|---|---|---|---|
| Quote Progetto | 256.51 | 256.53 | 256.63 | 256.56 | 256.45 | 256.17 | 256.00 | 255.88 | 255.88 | 255.85 | 253.22 |

# SEZIONE N. C(A8)-5

PROGR. 67.46
QP = 255.44

ml 20.13 da sez.n. C(A8)-4 ← → ml 20.00 a sez.n. C(A8)-6

| SEZIONE N. C(A8)-5 | |
|---|---|
| Rilevato (mq) | 4.24 |
| Scavo (mq) | 2.04 |
| Scotico (m) | 20.61 |
| Bonifica (mq) | 16.49 |
| Ammorsamento (mq) | 3.72 |
| Terreno vegetale sx (mq) | 0.69 |
| Terreno vegetale dx (mq) | 1.38 |
| Usura drenante (m) | 48.52 |
| Binder (m) | 48.52 |
| Base bitumata (m) | 48.52 |
| Base cementata (m) | 48.52 |
| Fondazione (m) | 48.52 |



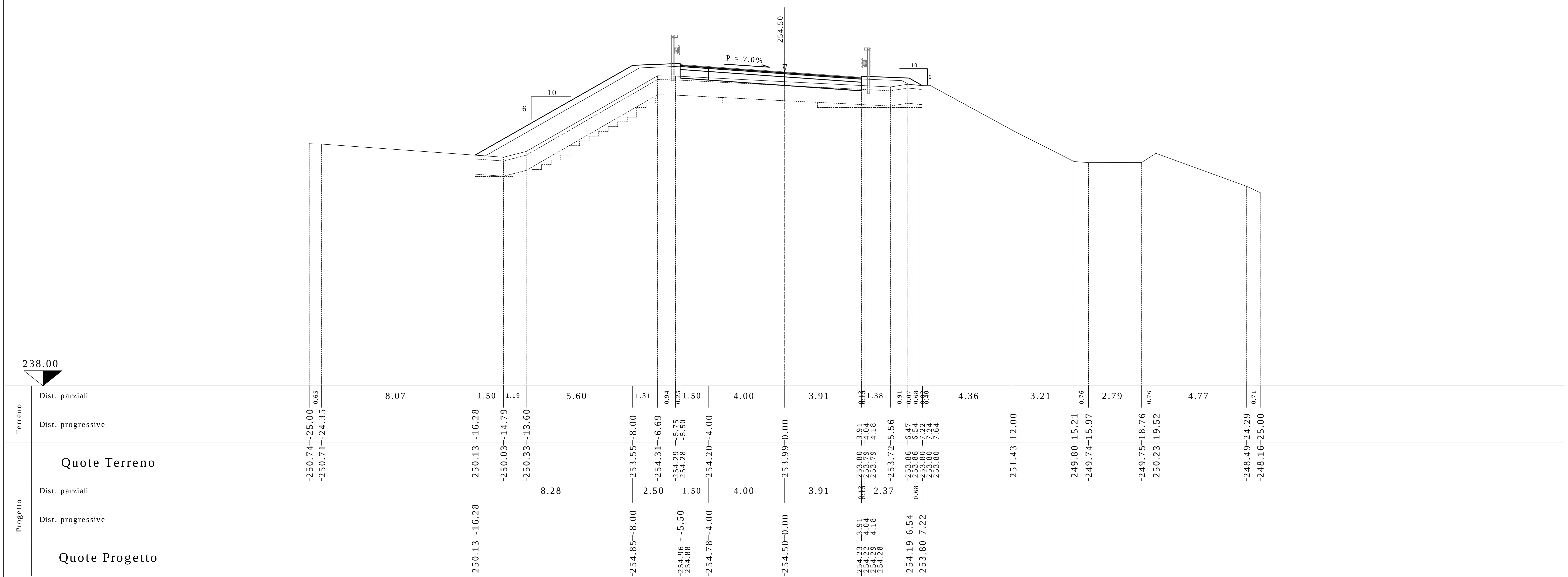
SEZIONE N. C(A8)-6

PROGR. 87.46

QP = 254.50

ml 20.00 da sez.n. C(A8)-5 ← → ml 20.00 a sez.n. C(A8)-7

| SEZIONE N. C(A8)-6 | |
|---|---|
| Rilevato (mq) | 12.74 |
| Scavo (mq) | 1.72 |
| Scotico (m) | 23.51 |
| Bonifica (mq) | 18.80 |
| Ammorsamento (mq) | 4.57 |
| Terreno vegetale sx (mq) | 3.18 |
| Terreno vegetale dx (mq) | 0.52 |
| Usura drenante (m) | 52.67 |
| Binder (m) | 52.67 |
| Base bitumata (m) | 52.67 |
| Base cementata (m) | 52.67 |
| Fondazione (m) | 52.67 |



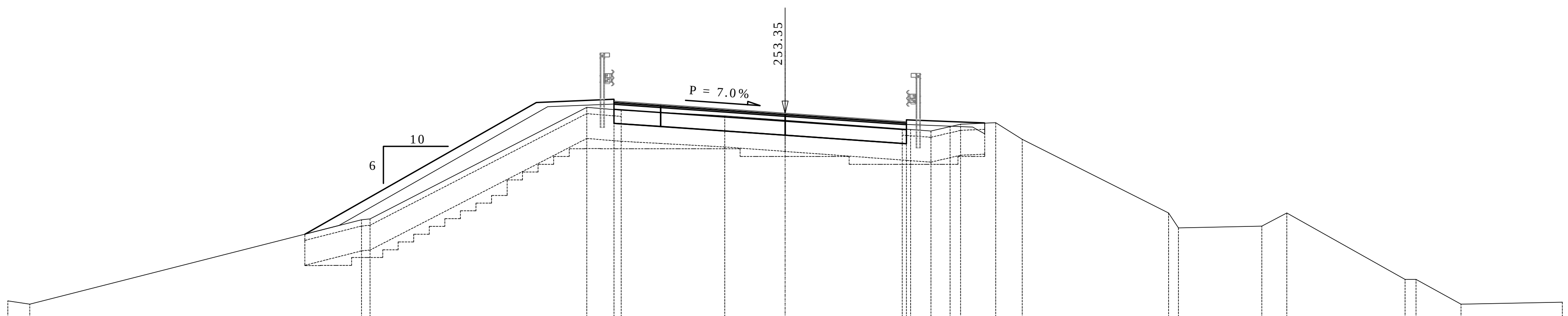
# SEZIONE N. C(A8)-7

PROGR. 107.46

QP = 253.35

ml 20.00 da sez.n. C(A8)-6 ← → ml 20.00 a sez.n. C(A8)-8

| SEZIONE N. C(A8)-7 | |
|---|---|
| Rilevato (mq) | 6.96 |
| Scavo (mq) | 4.41 |
| Scotico (m) | 21.86 |
| Bonifica (mq) | 14.96 |
| Ammorsamento (mq) | 4.34 |
| Terreno vegetale sx (mq) | 2.79 |
| Terreno vegetale dx (mq) | 0.42 |
| Usura drenante (m) | 53.12 |
| Binder (m) | 53.12 |
| Base bitumata (m) | 53.12 |
| Base cementata (m) | 53.12 |
| Fondazione (m) | 53.12 |




237.00

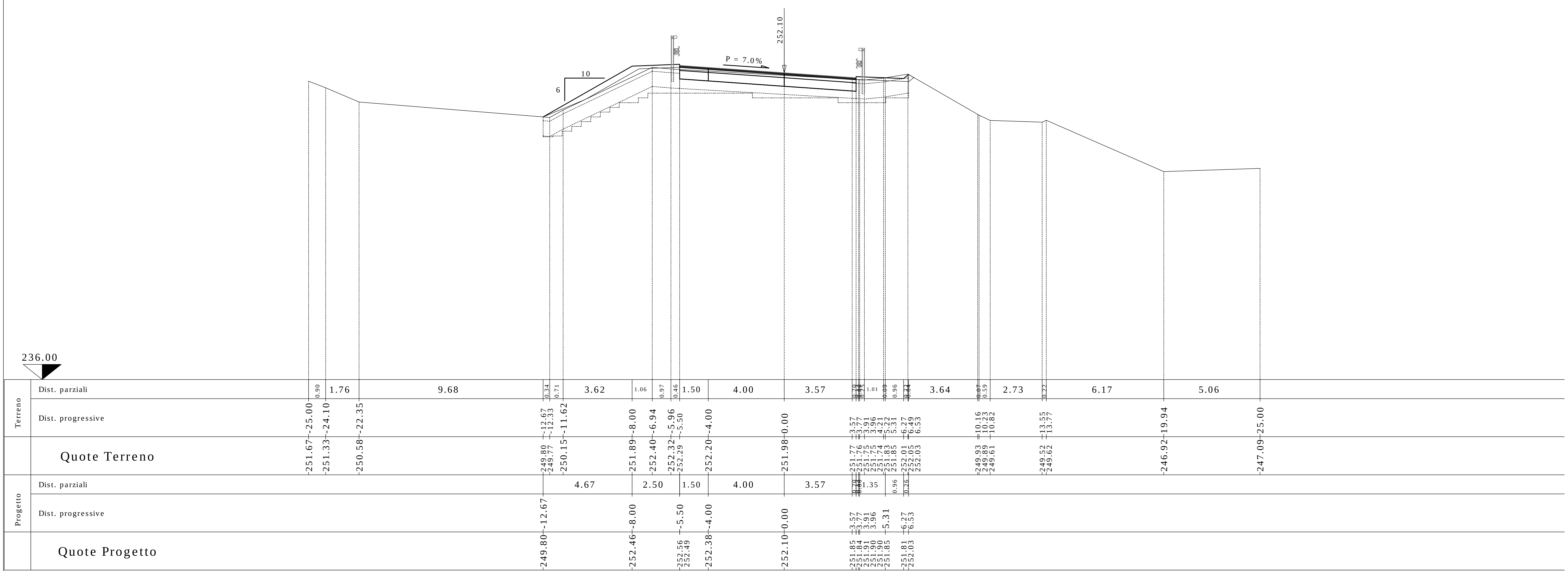
| | | |
|---|---|---|
| Terreno | Dist. parziali | 0.71, 8.85, 1.82, 0.28, 5.35, 1.62, 0.88, 0.23, 1.27, 2.06, 1.94, 3.77, 0.13, 0.65, 0.62, 0.33, 0.76, 0.01, 0.71, 0.50, 4.70, 0.32, 2.68, 0.80, 3.80, 0.36, 1.44, 3.26 |
| Terreno | Dist. progressive | -25.00, -24.29, -15.44, -13.62, -13.35, -8.00, -6.38, -5.50, -5.27, -4.00, -1.94, 0.00, 3.77, 3.91, 4.04, 4.69, 5.31, 5.64, 6.41, 6.42, 7.13, 7.63, 12.34, 12.65, 15.34, 16.14, 19.94, 20.30, 21.74, 25.00 |
| | Quote Terreno | 247.32, 247.21, 249.46, 249.93, 249.95, 252.71, 253.54, 253.47, 253.45, 253.38, 253.27, 253.13, 252.85, 252.84, 252.83, 252.78, 252.93, 253.01, 253.03, 253.03, 253.05, 252.52, 250.14, 249.66, 249.73, 250.15, 248.01, 248.01, 247.21, 247.28 |
| Progetto | Dist. parziali | 7.44, 2.50, 1.50, 4.00, 3.77, 0.13, 1.27, 1.10, 0.01 |
| Progetto | Dist. progressive | -15.44, -8.00, -5.50, -4.00, 0.00, 3.77, 3.91, 4.04, 5.31, 6.41, 6.42 |
| | Quote Progetto | 249.46, 253.71, 253.81, 253.74, 253.63, 253.35, 253.09, 253.08, 253.15, 253.14, 253.09, 253.05, 253.04 |

# SEZIONE N. C(A8)-8

PROGR. 127.46
QP = 252.10

ml 20.00 da sez.n. C(A8)-7 ← → ml 30.36 a sez.n. C(A8)-9

| SEZIONE N. C(A8)-8 | |
|---|---|
| Rilevato (mq) | 2.46 |
| Scavo (mq) | 5.32 |
| Scotico (m) | 19.20 |
| Bonifica (mq) | 12.04 |
| Ammorsamento (mq) | 3.51 |
| Terreno vegetale sx (mq) | 1.64 |
| Terreno vegetale dx (mq) | 0.50 |
| Usura drenante (m) | 52.13 |
| Binder (m) | 52.13 |
| Base bitumata (m) | 52.13 |
| Base cementata (m) | 52.13 |
| Fondazione (m) | 52.13 |

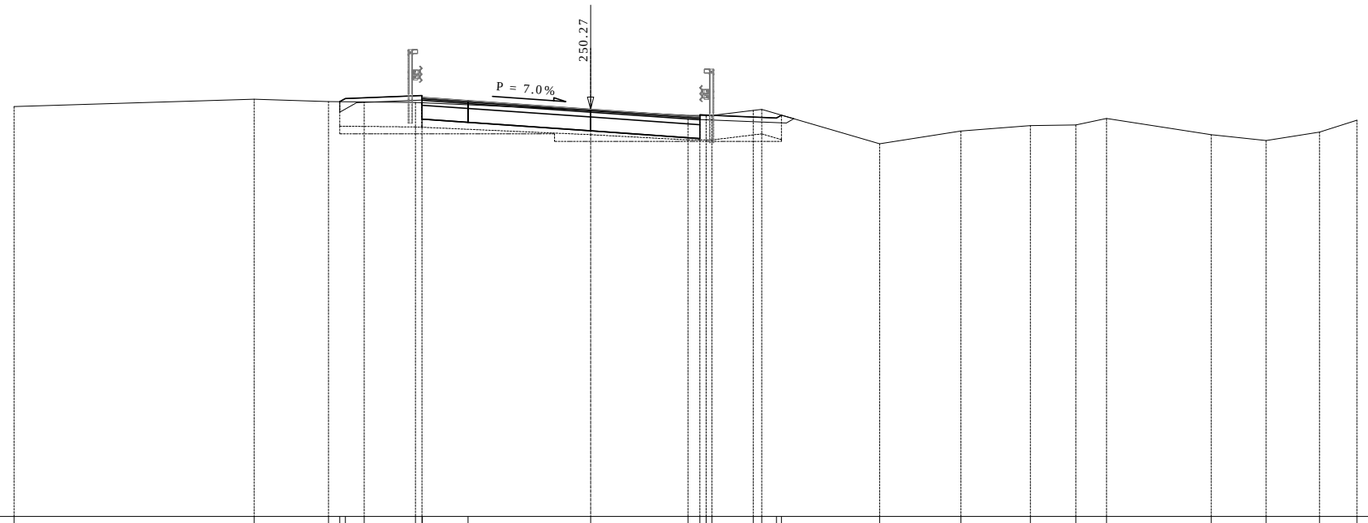


# SEZIONE N. C(A8)-9

PROGR. 157.83
QP = 250.27

ml 30.36 da sez.n. C(A8)-8 ◄ | ► ml 9.64 a sez.n. C(A8)-10

| SEZIONE N. C(A8)-9 | |
|---|---|
| Rilevato (mq) | 0.43 |
| Scavo (mq) | 6.16 |
| Scotico (m) | 0.00 |
| Bonifica (mq) | 4.97 |
| Ammorsamento (mq) | 2.25 |
| Terreno vegetale sx (mq) | 0.47 |
| Terreno vegetale dx (mq) | 0.47 |
| Usura drenante (m) | 44.19 |
| Binder (m) | 44.19 |
| Base bitumata (m) | 44.19 |
| Base cementata (m) | 44.19 |
| Fondazione (m) | 44.19 |




237.00

**Terreno**

Dist. parziali: 7.83 | 2.43 | 0.37 0.37 0.61 | 1.67 | 0.41 1.49 | 4.00 | 3.18 | 0.39 0.39 0.78 1.35 | 0.27 0.48 0.16 | 3.20 | 2.66 | 2.26 | 1.48 | 1.00 | 3.41 | 1.80 | 1.74 | 1.22

Dist. progressive: -18.81 | -10.98 | -8.55 -8.18 -8.00 -7.39 | -5.71 -5.50 -5.49 | -4.00 | 0.00 | -3.18 -3.57 -3.77 -3.96 | -5.31 -5.58 -6.07 -6.23 | -9.43 | -12.08 | -14.35 | -15.83 | -16.83 | -20.24 | -22.04 | -23.78 | -25.00

Quote Terreno: -250.37 | -250.60 | -250.53 -250.53 -250.52 -250.52 | -250.50 -250.49 -250.49 | -250.42 | -250.25 | -250.08 -250.08 -250.08 -250.08 | -250.24 -250.23 -250.13 -250.09 | -249.15 | -249.57 | -249.74 | -249.76 | -249.98 | -249.45 | -249.25 | -249.53 | -249.92

**Progetto**

Dist. parziali: 0.18 0.61 | 1.89 | 1.50 | 4.00 | 3.57 | 1.10 1.10 1.35 | 0.76 0.16

Dist. progressive: -8.18 -8.00 -7.39 | -5.50 | -4.00 | 0.00 | -3.57 -3.77 -3.96 | -5.31 | -6.07 -6.23

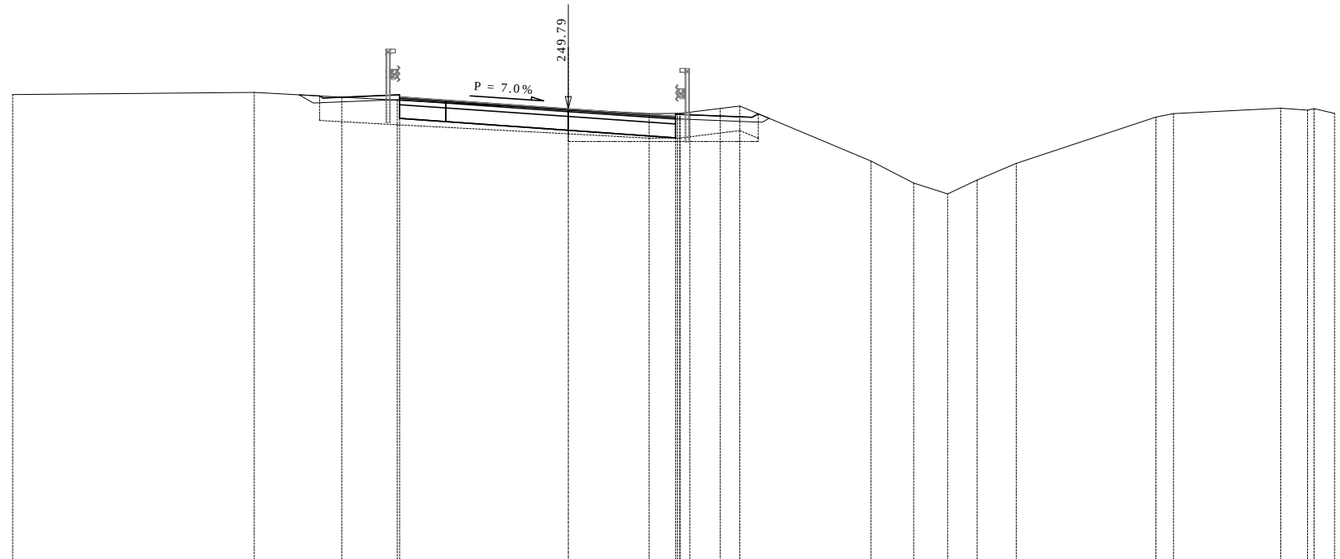
Quote Progetto: -250.53 -250.63 -250.65 | -250.73 -250.66 | -250.55 | -250.27 | -250.02 -250.09 -250.09 -250.08 | -250.02 | -249.99 -250.09

# SEZIONE N. C(A8)-10

PROGR. 167.46
QP = 249.79

ml 9.64 da sez.n. C(A8)-9 ⇦ | ⇨ ml 20.00 a sez.n. C(A8)-11

| SEZIONE N. C(A8)-10 | |
|---|---|
| Rilevato (mq) | 0.16 |
| Scavo (mq) | 6.54 |
| Scotico (m) | 0.00 |
| Bonifica (mq) | 5.07 |
| Ammorsamento (mq) | 1.05 |
| Terreno vegetale sx (mq) | 0.50 |
| Terreno vegetale dx (mq) | 0.47 |
| Usura drenante (m) | 44.25 |
| Binder (m) | 44.25 |
| Base bitumata (m) | 44.25 |
| Base cementata (m) | 44.25 |
| Fondazione (m) | 44.25 |




**Terreno**

Dist. parziali: 7.88 | 2.13 | 0.11 | 0.61 | 1.81 | 0.06 | 1.50 | 4.00 | 2.64 | 0.86 | 0.03 | 0.31 | 0.99 | 0.64 | 0.41 | 0.20 | 3.67 | 1.40 | 1.11 | 0.96 | 1.28 | 4.55 | 0.57 | 3.50 | 0.88 | 0.21 | 0.67

Dist. progressive: 18.13 | 10.25 | 8.11 | 9.00 | 7.39 | 5.58 | 5.50 | 4.00 | 0.00 | 2.64 | 3.50 | 3.57 | 3.63 | 3.96 | 4.96 | 5.59 | 6.00 | 6.20 | 9.87 | 11.27 | 12.38 | 13.34 | 14.62 | 19.17 | 19.74 | 23.24 | 24.12 | 24.33 | 25.00

Quote Terreno: 250.26 | 250.33 | 250.21 | 250.19 | 250.17 | 250.07 | 250.07 | 249.99 | 249.78 | 249.63 | 249.64 | 249.64 | 249.64 | 249.68 | 249.68 | 249.80 | 249.88 | 249.71 | 249.63 | 248.09 | 247.37 | 247.02 | 247.47 | 248.01 | 249.52 | 249.63 | 249.81 | 249.75 | 249.79 | 249.64

**Progetto**

Dist. parziali: 0.11 | 0.61 | 1.89 | 1.50 | 4.00 | 3.50 | 0.03 | 0.33 | 0.99 | 1.04 | 0.20

Dist. progressive: 8.11 | 9.00 | 7.39 | 5.50 | 4.00 | 0.00 | 3.50 | 3.57 | 3.63 | 3.96 | 4.96 | 6.00 | 6.20

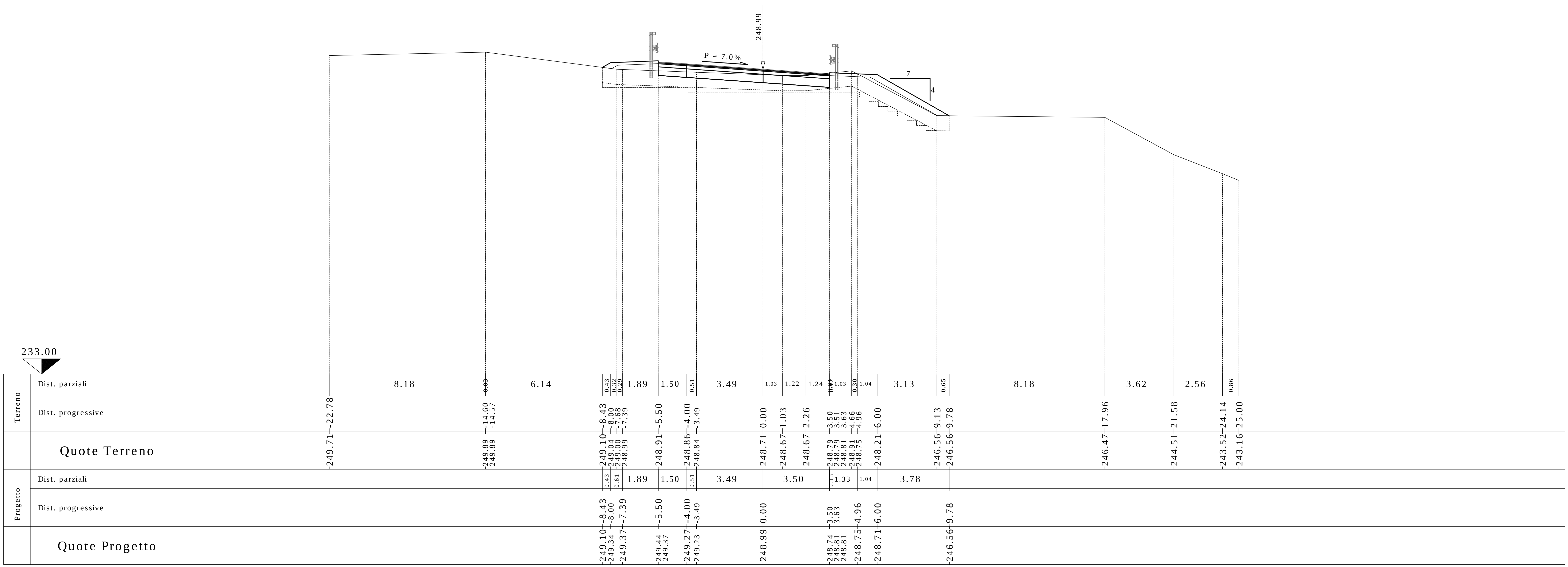
Quote Progetto: 250.21 | 250.15 | 250.17 | 250.25 | 250.18 | 250.07 | 249.79 | 249.55 | 249.62 | 249.61 | 249.60 | 249.60 | 249.56 | 249.52 | 249.63

# SEZIONE N. C(A8)-11

PROGR. 187.46
QP = 248.99

ml 20.00 da sez.n. C(A8)-10 ← → ml 20.00 a sez.n. C(A8)-12

| SEZIONE N. C(A8)-11 | |
|---|---|
| Rilevato (mq) | 2.89 |
| Scavo (mq) | 3.77 |
| Scotico (m) | 0.00 |
| Bonifica (mq) | 10.56 |
| Ammorsamento (mq) | 2.81 |
| Terreno vegetale sx (mq) | 0.48 |
| Terreno vegetale dx (mq) | 1.61 |
| Usura drenante (m) | 49.19 |
| Binder (m) | 49.19 |
| Base bitumata (m) | 49.19 |
| Base cementata (m) | 49.19 |
| Fondazione (m) | 49.19 |

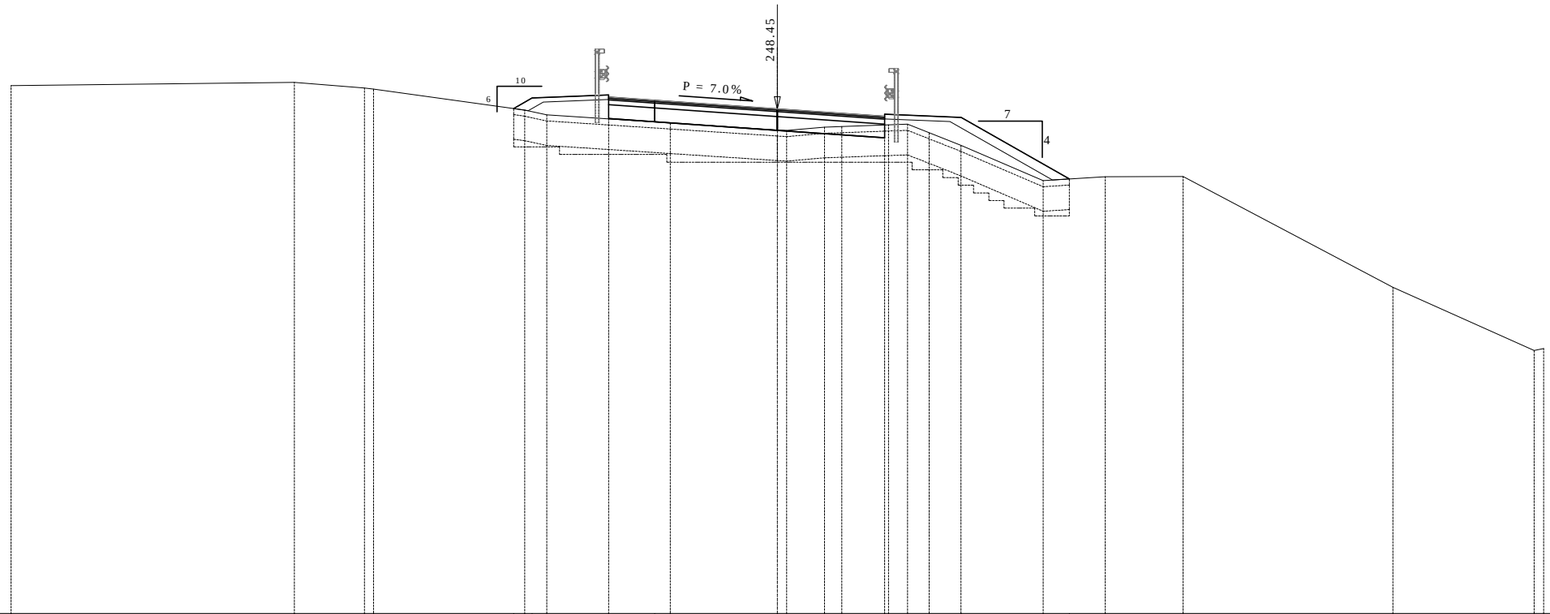


# SEZIONE N. C(A8)-12

PROGR. 207.46
QP = 248.45

ml 20.00 da sez.n. C(A8)-11 ⟵ | ⟶ ml 20.00 a sez.n. C(A8)-13

| SEZIONE N. C(A8)-12 | |
|---|---|
| Rilevato (mq) | 5.21 |
| Scavo (mq) | 0.79 |
| Scotico (m) | 18.12 |
| Bonifica (mq) | 14.50 |
| Ammorsamento (mq) | 3.18 |
| Terreno vegetale sx (mq) | 0.54 |
| Terreno vegetale dx (mq) | 1.53 |
| Usura drenante (m) | 51.81 |
| Binder (m) | 51.81 |
| Base bitumata (m) | 51.81 |
| Base cementata (m) | 51.81 |
| Fondazione (m) | 51.81 |




232.00

**Terreno**

Dist. parziali: 9.24 | 2.29 | 0.30 | 4.57 | 0.36 | 0.24 | 0.48 | 2.02 | 1.50 | 0.51 | 3.49 | 0.30 | 1.23 | 0.57 | 1.40 | 0.13 | 0.62 | 0.71 | 1.04 | 0.61 | 2.67 | 0.85 | 1.18 | 2.54 | 6.85 | 4.61 | 0.31

Dist. progressive: -25.00 | -15.76 | -13.47 -13.17 | -8.60 -8.24 -8.00 -7.52 | -5.50 | -4.00 -3.49 | 0.00 0.30 | 1.54 2.10 | -3.50 -3.63 -4.25 | -4.96 | 5.99 6.00 | -8.67 | -9.52 | -10.70 | -13.24 | -20.08 | -24.69 -25.00

Quote Terreno: -249.21 | -249.32 | -249.13 -249.10 | -248.46 -248.41 -248.36 -248.26 | -248.13 | -248.03 -248.00 | -247.77 -247.75 | -247.86 -247.87 | -247.93 -247.93 -247.95 | -247.67 | -247.26 -247.26 | -246.11 | -246.17 | -246.24 | -246.25 | -242.63 | -240.57 -240.64

**Progetto**

Dist. parziali: 0.60 | 2.50 | 1.50 | 0.51 | 3.49 | 3.50 | 0.13 | 1.33 | 1.04 | 3.52

Dist. progressive: -8.60 -8.00 | -5.50 | -4.00 -3.49 | 0.00 | -3.50 -3.63 | -4.96 | 6.00 | -9.52

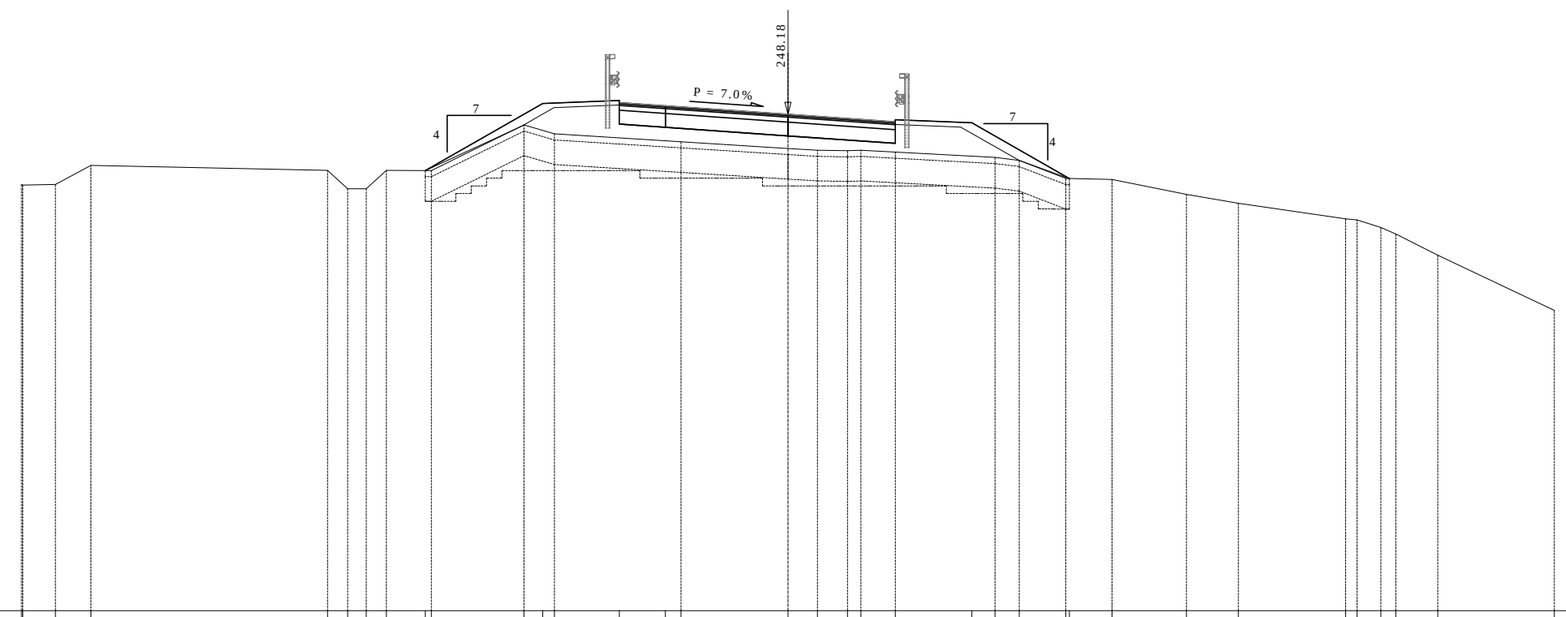
Quote Progetto: -248.46 -248.81 | -248.91 -248.84 | -248.73 -248.70 | -248.45 | -248.21 -248.28 -248.27 | -248.22 | -248.18 | -246.17

# SEZIONE N. C(A8)-13

PROGR. 227.46
QP = 248.18

ml 20.00 da sez.n. C(A8)-12 ⟵ | ⟶ ml 20.00 a sez.n. C(A8)-14

| SEZIONE N. C(A8)-13 | |
|---|---|
| Rilevato (mq) | 11.46 |
| Scavo (mq) | 0.00 |
| Scotico (m) | 21.01 |
| Bonifica (mq) | 16.81 |
| Ammorsamento (mq) | 3.67 |
| Terreno vegetale sx (mq) | 1.19 |
| Terreno vegetale dx (mq) | 1.23 |
| Usura drenante (m) | 51.92 |
| Binder (m) | 51.92 |
| Base bitumata (m) | 51.92 |
| Base cementata (m) | 51.92 |
| Fondazione (m) | 51.92 |




**Terreno**

Dist. parziali: 0.04 1.07 1.16 7.72 0.65 0.60 0.66 1.27 0.21 3.02 0.61 0.39 2.11 1.50 0.51 3.49 0.96 0.98 0.44 1.12 2.50 0.76 0.79 1.51 0.12 1.39 2.43 1.69 3.50 0.37 0.78 0.49 1.37 3.80

Dist. progressive: 25.00 24.96 23.89 22.74 15.02 14.36 13.76 13.10 11.83 11.63 8.61 8.00 7.61 5.50 4.00 3.49 0.00 0.96 1.94 2.38 3.50 6.00 6.76 7.55 9.06 9.18 10.57 13.00 14.69 18.19 18.56 19.34 19.83 21.20 25.00

Quote Terreno: 245.90 245.88 245.90 246.52 246.35 245.76 245.76 246.36 246.35 246.35 247.84 247.66 247.55 247.42 247.32 247.29 247.07 247.01 247.00 247.01 246.95 246.82 246.78 246.68 246.10 246.09 246.06 245.57 245.28 244.77 244.74 244.50 244.28 243.59 241.79

**Progetto**

Dist. parziali: 3.83 2.50 1.50 0.51 3.49 3.50 2.50 3.18

Dist. progressive: 11.83 8.00 5.50 4.00 3.49 0.00 3.50 6.00 9.18

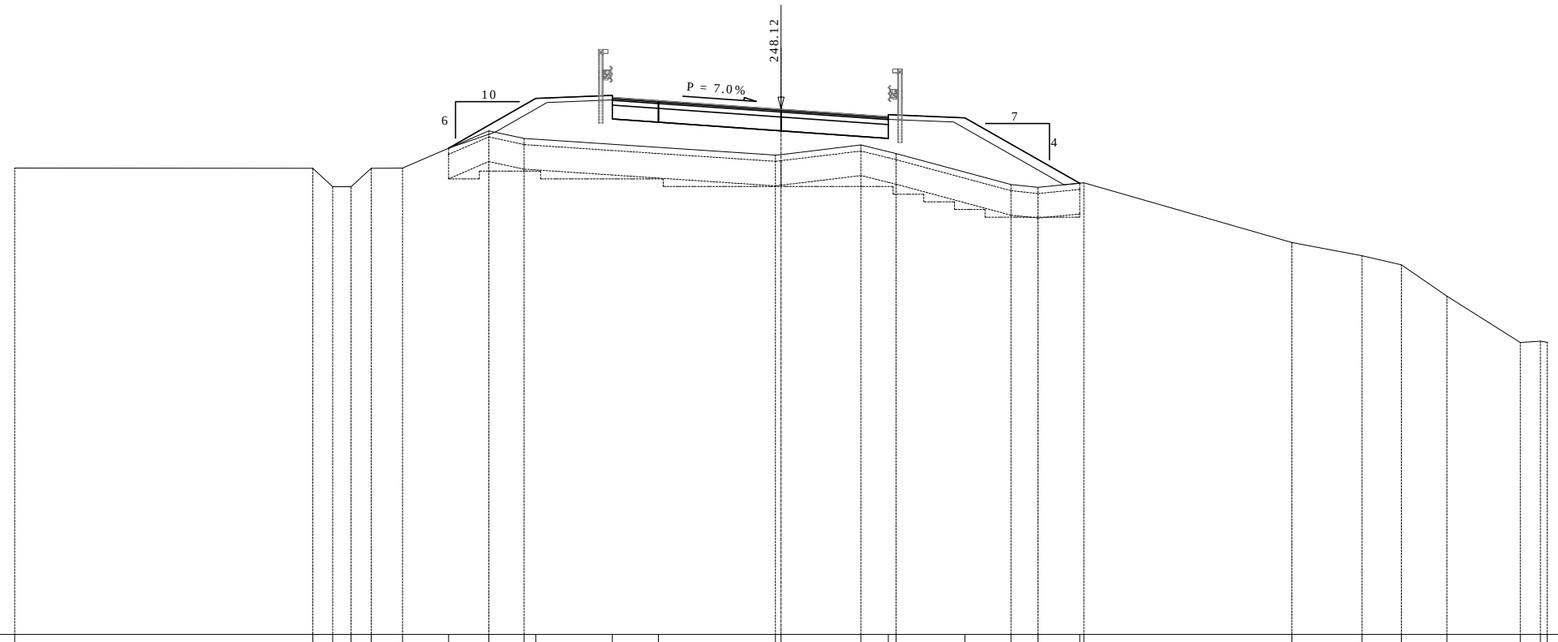
Quote Progetto: 246.35 248.54 248.64 248.57 248.46 248.43 248.18 247.94 248.01 247.91 246.09

# SEZIONE N. C(A8)-14

PROGR. 247.46
QP = 248.12

ml 20.00 da sez.n. C(A8)-13 ← | → ml 20.88 a sez.n. C(A8)-15

| SEZIONE N. C(A8)-14 | |
|---|---|
| Rilevato (mq) | 18.82 |
| Scavo (mq) | 0.00 |
| Scotico (m) | 20.59 |
| Bonifica (mq) | 16.47 |
| Ammorsamento (mq) | 3.58 |
| Terreno vegetale sx (mq) | 1.13 |
| Terreno vegetale dx (mq) | 1.61 |
| Usura drenante (m) | 52.07 |
| Binder (m) | 52.07 |
| Base bitumata (m) | 52.07 |
| Base cementata (m) | 52.07 |
| Fondazione (m) | 52.07 |




231.00

**Terreno**

Dist. parziali: 9.72 | 0.65 | 0.60 | 0.65 | 1.02 | 1.51 | 1.31 | 1.15 | 0.38 | 2.50 | 1.50 | 3.82 | 0.18 | 2.61 | 0.89 | 0.26 | 2.24 | 1.50 | 0.89 | 1.36 | 0.11 | 6.79 | 2.28 | 1.28 | 1.49 | 2.39 | 0.65 | 0.22

Dist. progressive: 25.00 | 15.28 | 14.62 | 14.02 | 13.37 | 12.35 | 10.84 | 9.53 | 8.38 | 8.00 | 5.50 | 4.00 | 0.18 | 0.00 | 2.61 | 3.50 | 3.76 | 6.00 | 7.50 | 8.39 | 9.74 | 9.88 | 16.67 | 18.95 | 20.23 | 21.73 | 24.12 | 24.77 | 25.00

Quote Terreno: 246.21 | 246.20 | 245.60 | 245.60 | 246.20 | 246.21 | 246.86 | 247.42 | 247.17 | 247.15 | 246.98 | 246.88 | 246.63 | 246.65 | 246.96 | 246.74 | 246.68 | 246.07 | 245.67 | 245.58 | 245.71 | 245.73 | 243.78 | 243.35 | 243.05 | 242.03 | 240.52 | 240.56 | 240.52

**Progetto**

Dist. parziali: 2.84 | 2.50 | 1.50 | 4.00 | 3.50 | 2.50 | 3.74

Dist. progressive: 10.84 | 8.00 | 5.50 | 4.00 | 0.00 | 3.50 | 6.00 | 9.74

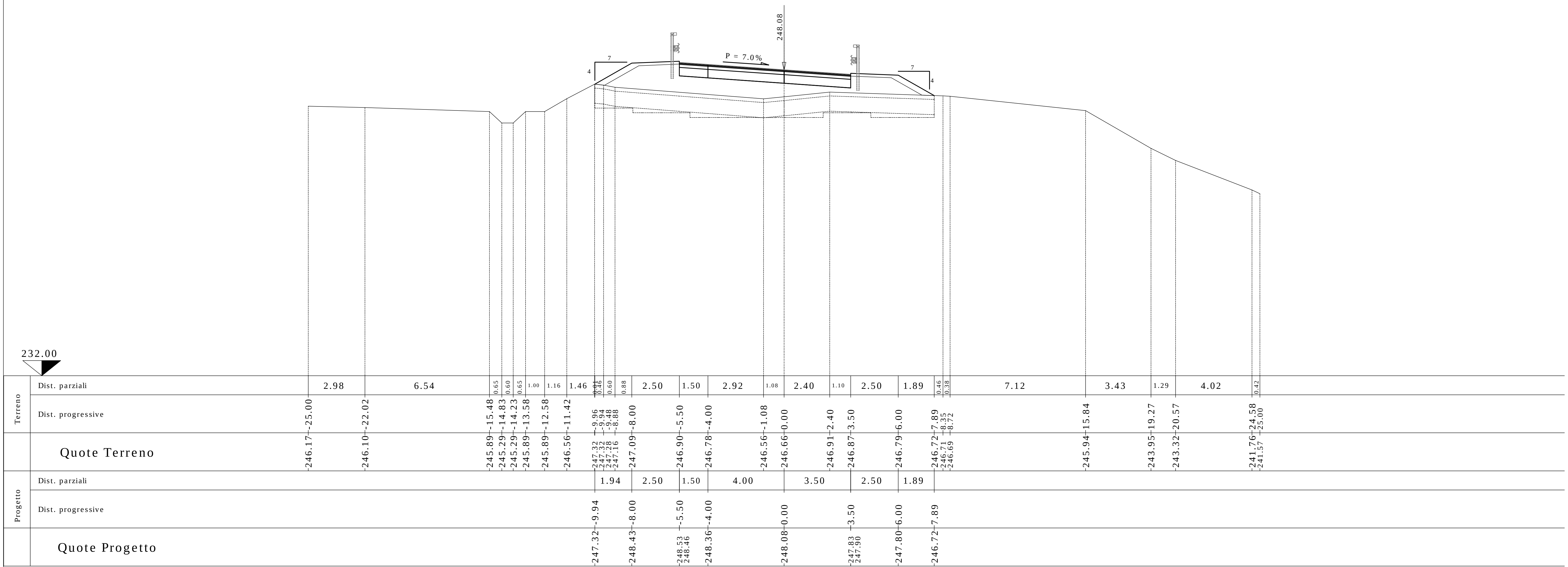
Quote Progetto: 246.86 | 248.48 | 248.58 | 248.51 | 248.40 | 248.12 | 247.88 | 247.95 | 247.85 | 245.71

# SEZIONE N. C(A8)-15

PROGR. 268.35
QP = 248.08

ml 20.88 da sez.n. C(A8)-14 ml 19.11 a sez.n. C(A8)-16

| SEZIONE N. C(A8)-15 | |
|---|---|
| Rilevato (mq) | 14.76 |
| Scavo (mq) | 0.00 |
| Scotico (m) | 17.85 |
| Bonifica (mq) | 14.27 |
| Ammorsamento (mq) | 2.73 |
| Terreno vegetale sx (mq) | 0.99 |
| Terreno vegetale dx (mq) | 0.95 |
| Usura drenante (m) | 51.95 |
| Binder (m) | 51.95 |
| Base bitumata (m) | 51.95 |
| Base cementata (m) | 51.95 |
| Fondazione (m) | 51.95 |



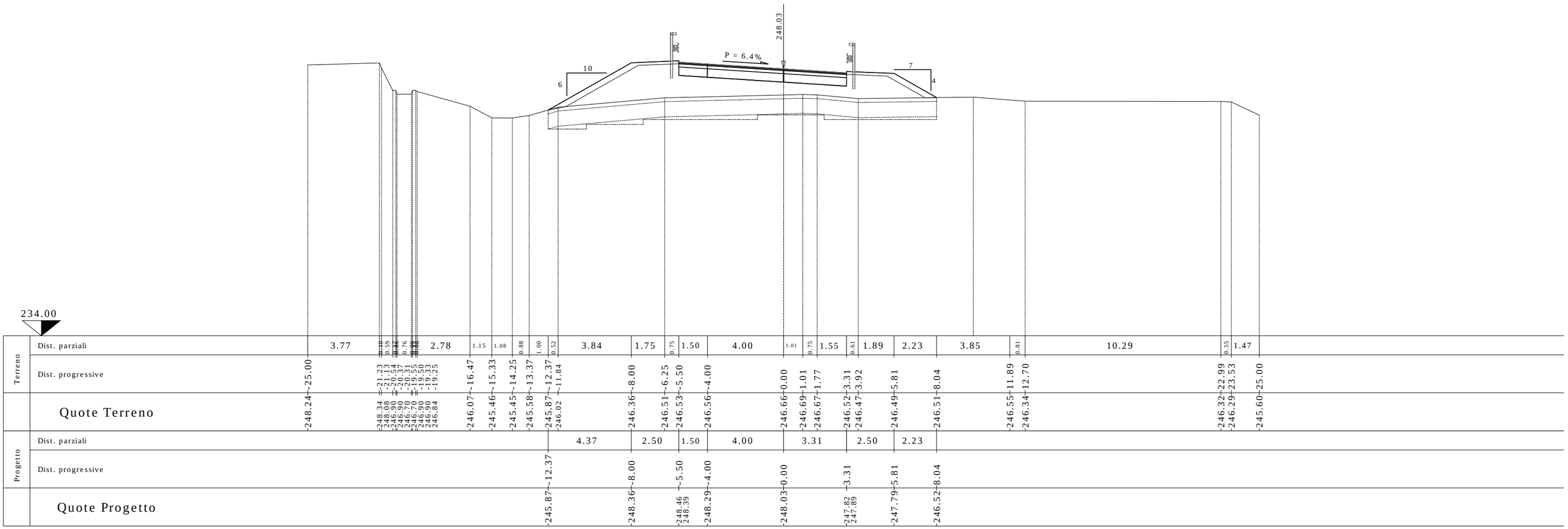
# SEZIONE N. C(A8)-16

PROGR. 287.46

QP = 248.03

ml 19.11 da sez.n. C(A8)-15 ← | → ml 20.00 a sez.n. C(A8)-17

| SEZIONE N. C(A8)-16 | |
|---|---|
| Rilevato (mq) | 20.92 |
| Scavo (mq) | 0.00 |
| Scotico (m) | 20.44 |
| Bonifica (mq) | 16.35 |
| Ammorsamento (mq) | 3.20 |
| Terreno vegetale sx (mq) | 1.77 |
| Terreno vegetale dx (mq) | 1.07 |
| Usura drenante (m) | 51.75 |
| Binder (m) | 51.75 |
| Base bitumata (m) | 51.75 |
| Base cementata (m) | 51.75 |
| Fondazione (m) | 51.75 |

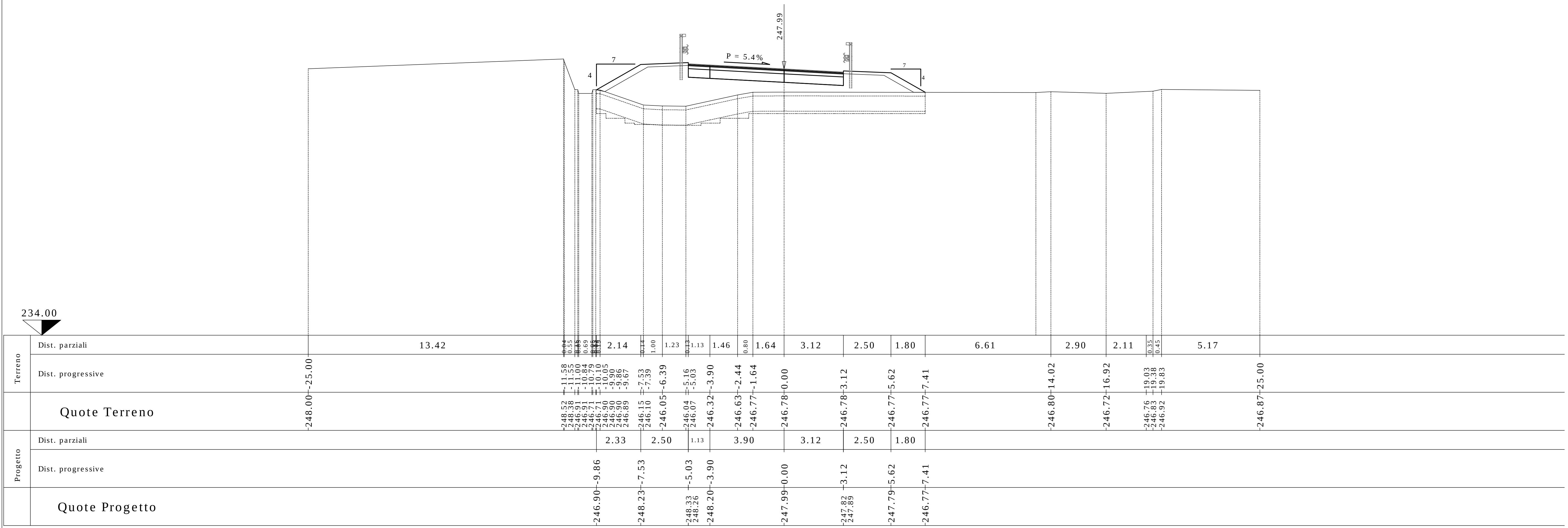


# SEZIONE N. C(A8)-17

PROGR. 307.46
QP = 247.99

ml 20.00 da sez.n. C(A8)-16 ← → ml 20.00 a sez.n. C(A8)-18

| SEZIONE N. C(A8)-17 | |
|---|---|
| Rilevato (mq) | 17.40 |
| Scavo (mq) | 0.00 |
| Scotico (m) | 17.29 |
| Bonifica (mq) | 13.83 |
| Ammorsamento (mq) | 2.65 |
| Terreno vegetale sx (mq) | 1.16 |
| Terreno vegetale dx (mq) | 0.91 |
| Usura drenante (m) | 51.67 |
| Binder (m) | 51.67 |
| Base bitumata (m) | 51.67 |
| Base cementata (m) | 51.67 |
| Fondazione (m) | 51.67 |



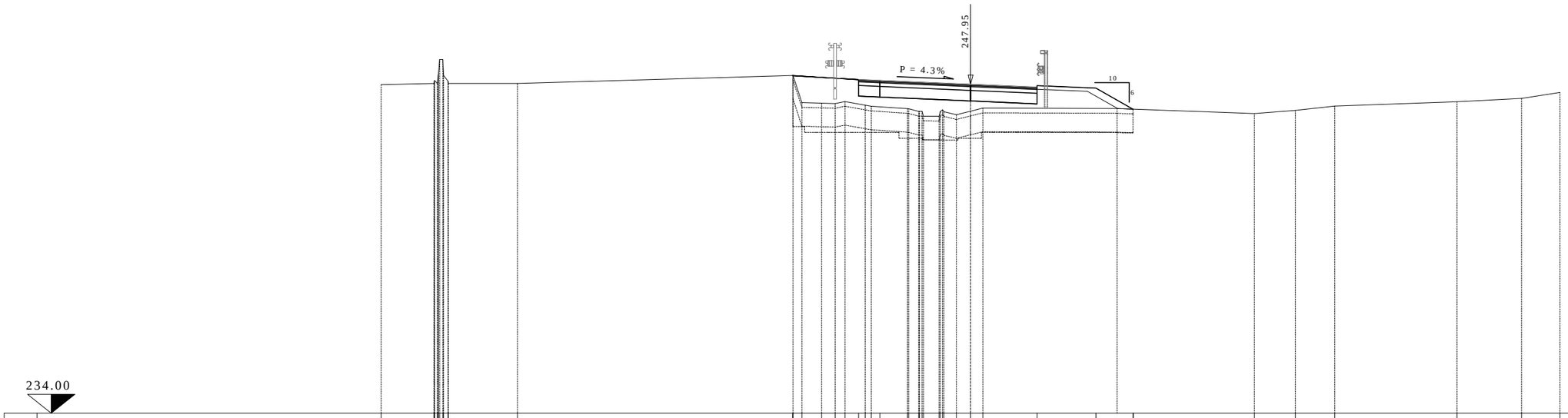
# SEZIONE N. C(A8)-18

PROGR. 327.46
QP = 247.95

ml 20.00 da sez.n. C(A8)-17 ← | → ml 19.98 a sez.n. C(A8)-19

| SEZIONE N. C(A8)-18 | |
|---|---|
| Rilevato (mq) | 8.91 |
| Scavo (mq) | 0.00 |
| Scotico (m) | 14.38 |
| Bonifica (mq) | 11.49 |
| Ammorsamento (mq) | 2.07 |
| Terreno vegetale sx (mq) | 0.00 |
| Terreno vegetale dx (mq) | 0.82 |
| Usura drenante (m) | 53.30 |
| Binder (m) | 53.30 |
| Base bitumata (m) | 53.30 |
| Base cementata (m) | 53.30 |
| Fondazione (m) | 53.30 |

CARREGGIATA NORD
AUTOSTRADA A8




**Terreno**

Dist. parziali: 2.24 | 2.94 | 11.67 | 0.01 0.37 0.84 0.57 0.42 0.58 0.28 0.24 0.37 1.17 | 0.85 0.42 0.42 0.66 0.01 0.01 0.53 0.61 0.52 | 2.30 | 2.50 | 1.57 | 0.01 | 5.14 | 1.74 | 1.67 | 5.19 | 2.74 | 1.63

Dist. progressive: -25.00 | -22.76 -22.74 -22.62 -22.58 -22.53 -22.39 -22.35 -22.17 -22.16 -19.22 | -7.55 -7.54 -7.53 -7.16 -6.32 -5.75 -5.33 | -4.75 -4.47 -4.22 -3.85 | -2.68 -2.63 -2.21 -2.07 -2.06 -2.00 -1.34 -1.29 -1.13 -0.61 0.00 0.52 | 2.82 | 5.32 | 5.89 6.90 | 12.04 | 13.78 | 15.45 | 20.64 | 23.37 | 25.00

Quote Terreno: 247.94 | 247.99 248.08 248.12 248.33 248.40 249.00 249.00 248.83 248.08 247.99 247.99 | 248.33 248.33 248.33 247.18 247.15 247.14 247.22 | 247.12 247.02 247.01 247.03 247.00 | 246.92 246.92 246.80 246.80 246.80 246.60 246.60 246.60 246.89 246.87 246.79 246.66 246.81 246.94 | 246.94 | 246.93 | 246.92 246.92 | 246.71 | 246.85 | 247.03 | 247.22 | 247.35 | 247.61

**Progetto**

Dist. parziali: 0.01 1.22 | 1.57 | 0.28 0.62 1.17 | 2.68 | 2.82 | 2.50 | 1.57

Dist. progressive: -7.55 -7.54 | -6.32 | -4.75 -4.47 -3.85 | -2.68 | -0.00 | -2.82 | -5.32 | -6.89

Quote Progetto: 248.32 248.33 | 248.25 | 248.15 248.14 248.11 | 248.06 | 247.95 | 247.83 247.90 | 247.80 | 246.90

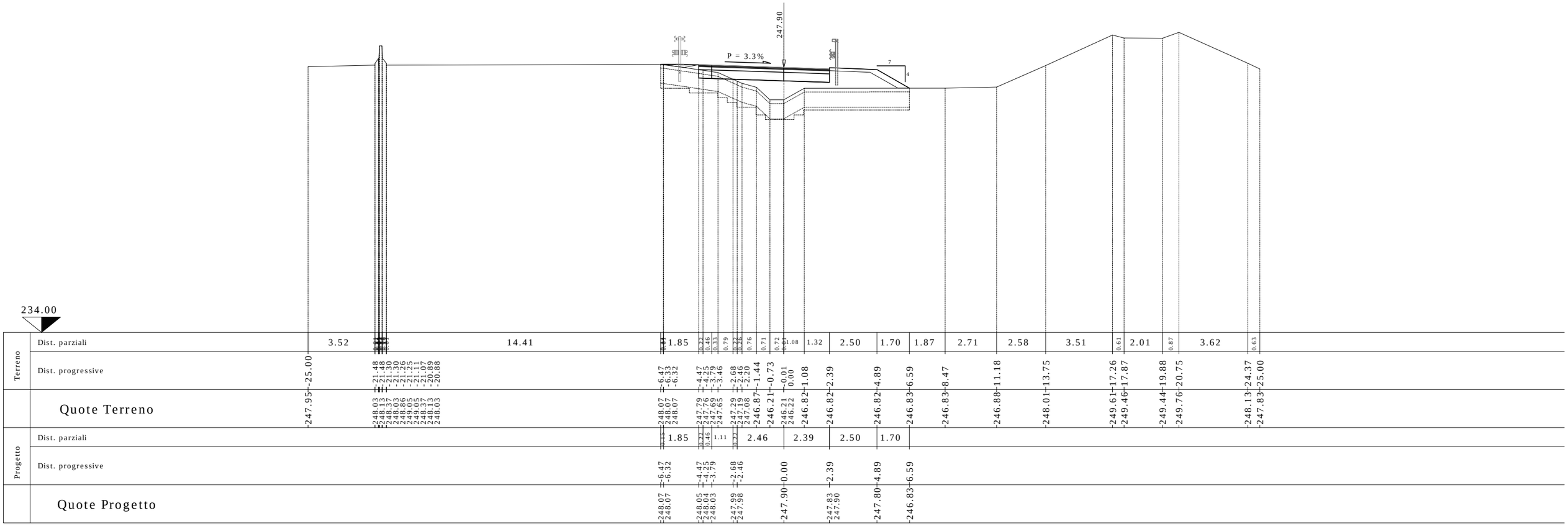
# SEZIONE N. C(A8)-19

PROGR. 347.44
QP = 247.90

ml 19.98 da sez.n. C(A8)-18 ⟵ | ⟶ ml 15.28 a sez.n. C(A8)-20 - CN -

| SEZIONE N. C(A8)-19 | |
|---|---|
| Rilevato (mq) | 6.24 |
| Scavo (mq) | 0.43 |
| Scotico (m) | 13.00 |
| Bonifica (mq) | 10.40 |
| Ammorsamento (mq) | 2.22 |
| Terreno vegetale sx (mq) | 0.00 |
| Terreno vegetale dx (mq) | 0.87 |
| Usura drenante (m) | 54.04 |
| Binder (m) | 54.04 |
| Base bitumata (m) | 54.04 |
| Base cementata (m) | 54.04 |
| Fondazione (m) | 54.04 |

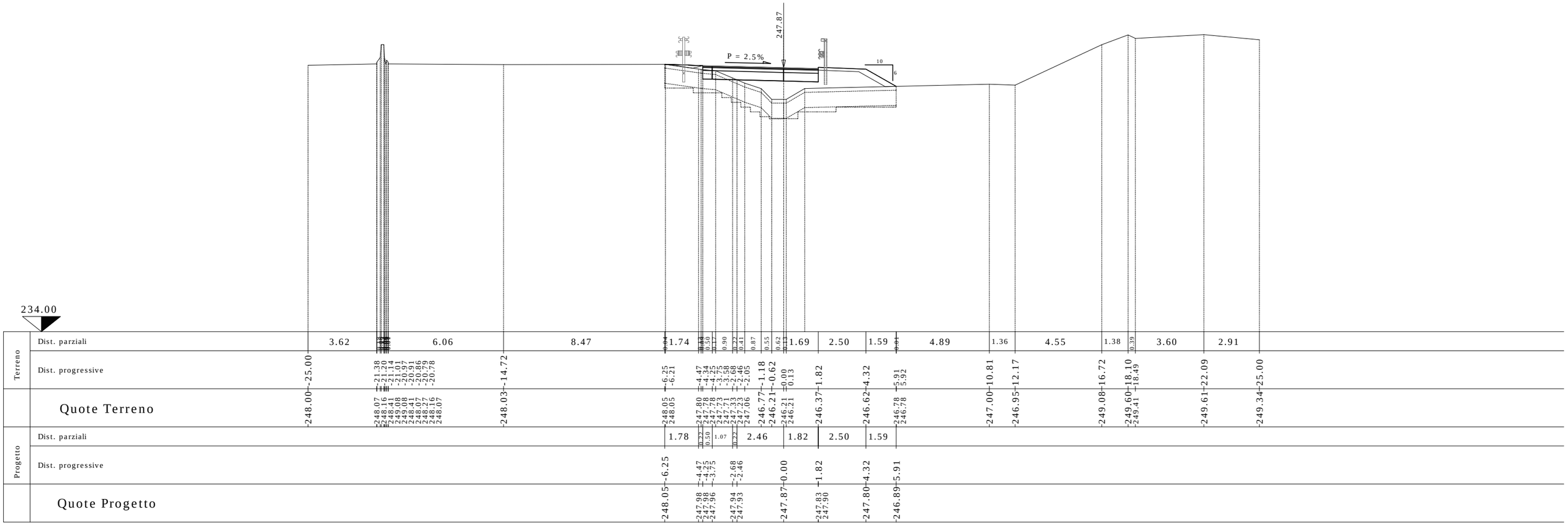
CARREGGIATA NORD
AUTOSTRADA A8



# SEZIONE N. C(A8)-20 - CN -

PROGR. 362.72
QP = 247.87

ml 15.28 da sez.n. C(A8)-19 ← | → ml 7.50 a sez.n. CN-2

| SEZIONE N. C(A8)-20 - CN - | |
|---|---|
| Rilevato (mq) | 5.86 |
| Scavo (mq) | 0.48 |
| Scotico (m) | 12.11 |
| Bonifica (mq) | 9.69 |
| Ammorsamento (mq) | 2.10 |
| Terreno vegetale sx (mq) | 0.18 |
| Terreno vegetale dx (mq) | 0.84 |
| Usura drenante (m) | 53.28 |
| Binder (m) | 53.28 |
| Base bitumata (m) | 53.28 |
| Base cementata (m) | 53.28 |
| Fondazione (m) | 53.28 |

CARREGGIATA NORD
AUTOSTRADA A8