

Milano Serravalle
Milano Tangenziali S.p.A.



Tronco

A52 - TANGENZIALE NORD DI MILANO

Oggetto

Potenziamento interconnessione A52-A4 ramo di svincolo tra A4 dir. Torino e A52 dir. Rho e svincolo Monza S.Alessandro – Opera connessa Olimpiadi 2026

CUP: D31B20000270001

Fase progettuale

PROGETTO ESECUTIVO

LA CONCEDENTE



Ministero delle Infrastrutture e dei Trasporti
DIPARTIMENTO PER LE INFRASTRUTTURE, GLI AFFARI GENERALI ED IL PERSONALE
STRUTTURA DI VIGILANZA SULLE CONCESSIONARIE AUTOSTRADALI

LA CONCESSIONARIA



MILANO SERRAVALLE
MILANO TANGENZIALI S.p.A
IL DIRETTORE TECNICO
Dott. Ing. Giuseppe Colombo

Progettista / Progettazioni specialistiche / Validazione



Milano Serravalle
Engineering S.r.l.

Descrizione Elaborato

STD - PARTE STRADALE

Sezioni correnti - Ramo di collegamento R1-R2

| REV. | DATA | DESCRIZIONE | REDATTO | VERIFICATO | APPROVATO |
|------|------------|-------------|--------------|------------|------------|
| A | 28/02/2023 | EMISSIONE | F. Canciello | M. Tomasin | M. Mariani |
| B | - | - | - | - | - |
| C | - | - | - | - | - |
| D | - | - | - | - | - |
| E | - | - | - | - | - |

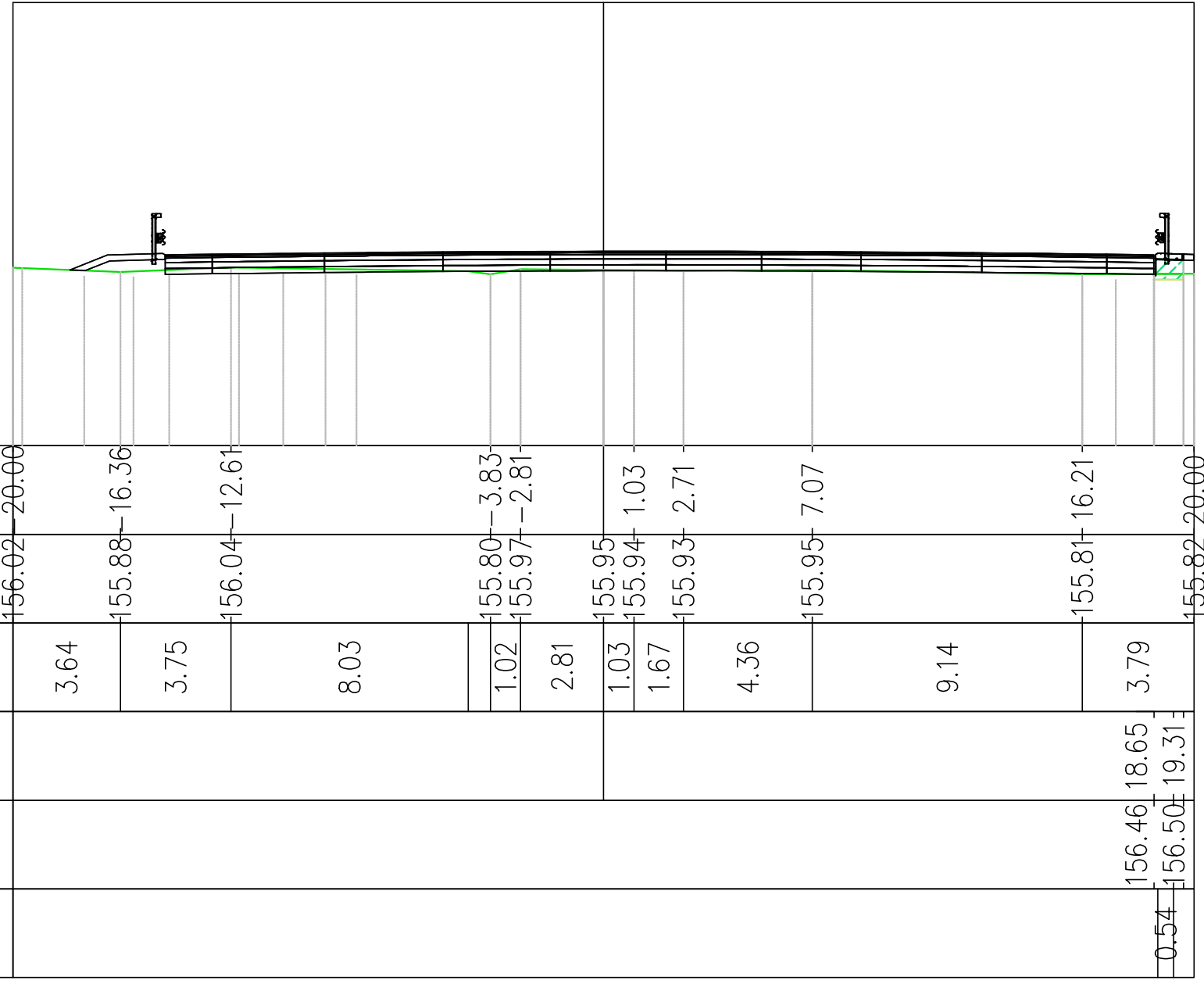
Scala

1:200

Codifica Elaborato

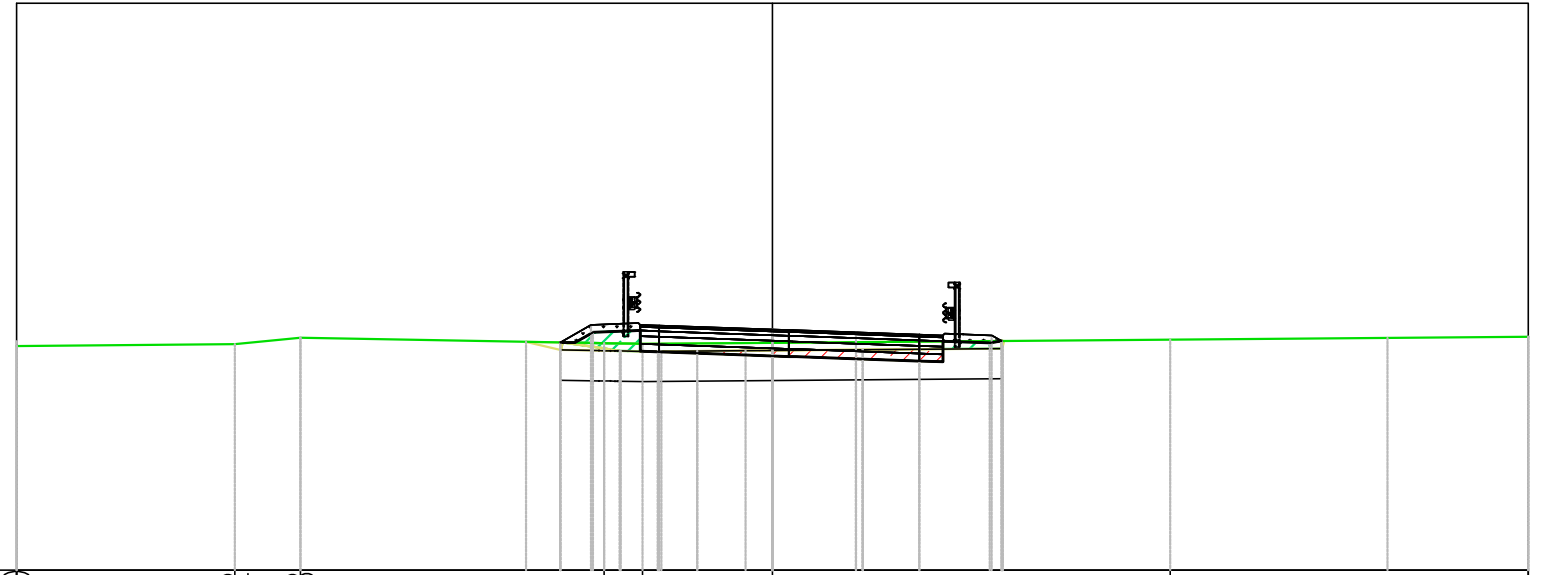
| | | | | | | | | | | | | | | | | | | | | |
|--------|---|---|---|------|--------|---|---|-------------|---|---|---|------|-------|------|-------|---|---|--------|------|---|
| 5 | 0 | 2 | 3 | E | S | T | D | 0 | 6 | 6 | Z | 0 | X | X | X | X | X | X | A | 1 |
| Codice | | | | Fase | Ambito | | | Progressivo | | | | Tipo | Lotto | Zona | Opera | | | Tratto | Rev. | |

Ramo 4 - IR03
 Sez. 1
 Progr.: 0+020.00
 Q.Rif. : 150.00



| TABELLA MATERIALI - pk. 0+020.00 | | | |
|-------------------------------------|------------------------|------------------------|-----------------------------|
| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
| Base | 0.00 | 0.00 | 0.00 |
| Binder | 0.00 | 0.00 | 0.00 |
| Bonifica | 0.00 | 0.00 | 0.00 |
| Fondazione Misto Cementato | 0.00 | 0.00 | 0.00 |
| Fondazione Misto Stabilizzato | 0.00 | 0.00 | 0.00 |
| Riporto | 0.65 | 0.00 | 0.00 |
| Scotico 20cm | 0.20 | 0.00 | 0.00 |
| Sterro | 0.00 | 0.00 | 0.00 |
| Usura | 0.00 | 0.00 | 0.00 |
| Vegetale rilevato | 0.19 | 0.00 | 0.00 |
| Vegetale trincea | 0.00 | 0.00 | 0.00 |

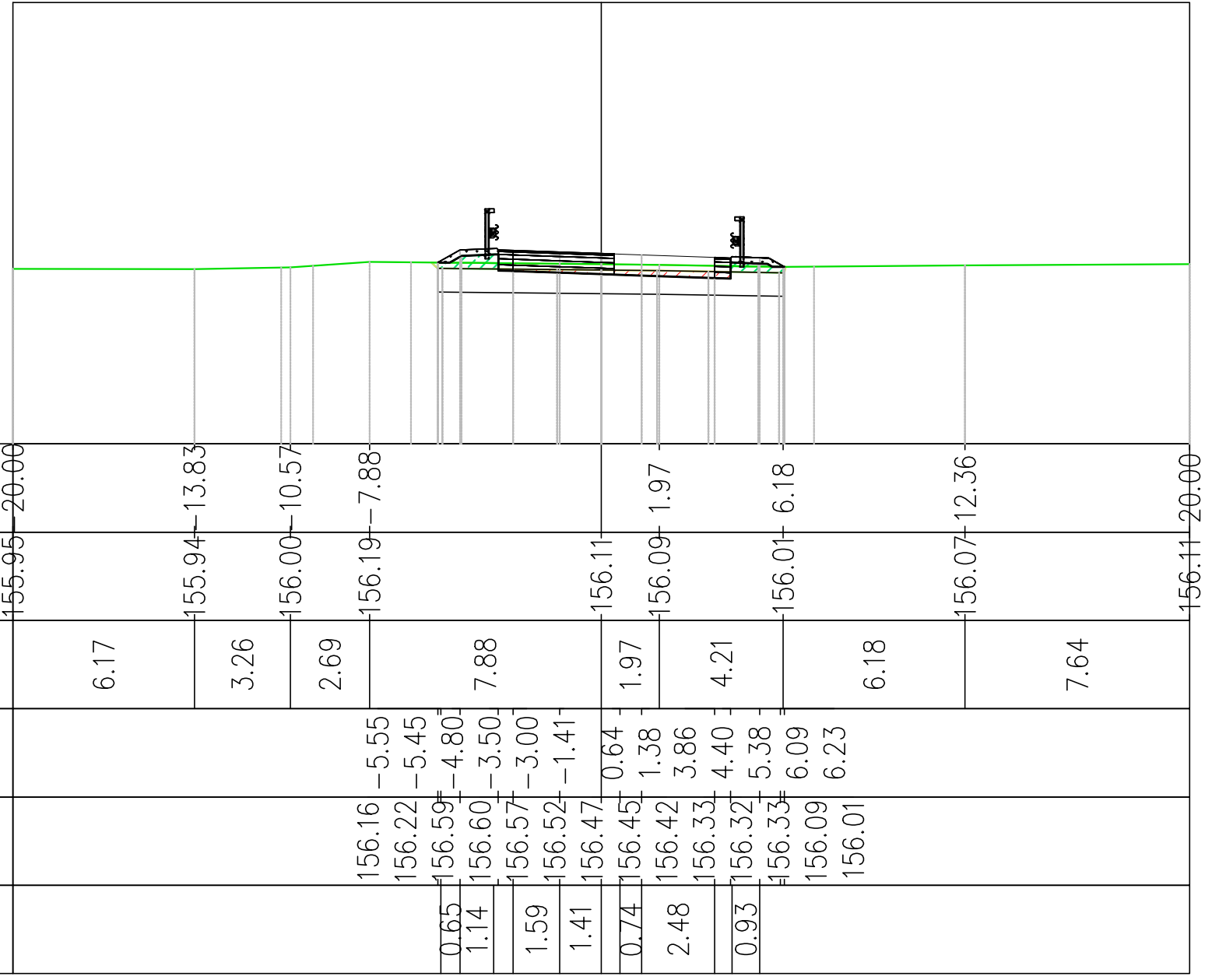
Ramo 4 - IR03
 Sez. 6
 Progr.: 0+060.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| PROGRESSIVE TERRENO | 155.93 | 20.00 | 155.98 | 14.22 | 156.15 | 12.48 | 156.01 | 4.45 | 155.99 | 3.43 | 156.02 | 0.00 | 156.10 | 10.52 | 156.17 | 20.00 | | | | | | | | | | | | |
| QUOTE TERRENO | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | 5.78 | | 1.74 | | 8.03 | | 1.02 | | 3.43 | | | | 10.52 | | 9.48 | | | | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | | | | | 156.03 | -5.61 | 156.49 | -4.80 | 156.50 | -3.50 | 156.47 | -3.00 | 156.37 | 0.00 | 156.35 | 0.63 | 156.29 | 2.21 | 156.23 | 3.89 | 156.21 | 4.51 | 156.21 | 5.80 | 156.07 | 6.07 |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | | | 0.70 | | 1.10 | | 3.00 | | | | 1.58 | | 1.68 | | 1.24 | | | | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.20 | 13.71 | 56.24 |
| Binder | 0.80 | 9.14 | 37.49 |
| Bonifica | 9.35 | 46.66 | 46.66 |
| Fondazione Misto Cementato | 1.60 | 18.28 | 74.98 |
| Fondazione Misto Stabilizzato | 1.60 | 18.28 | 74.98 |
| Riporto | 1.00 | 8.82 | 71.66 |
| Scotico 20cm | 2.43 | 28.25 | 133.36 |
| Sterro | 1.36 | 29.63 | 109.08 |
| Usura | 0.40 | 4.57 | 18.75 |
| Vegetale rilevato | 0.69 | 5.25 | 24.26 |
| Vegetale trincea | 0.00 | 1.51 | 3.03 |

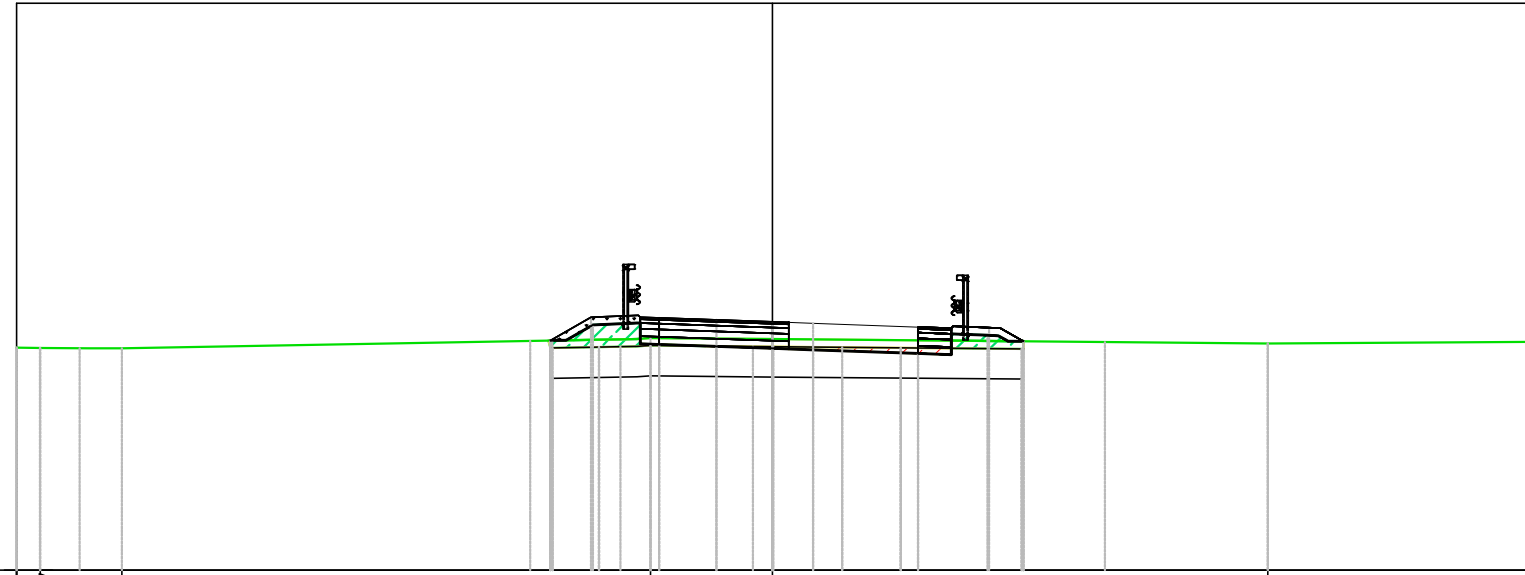
Ramo 4 - IR03
 Sez. 7
 Progr.: 0+070.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| PROGRESSIVE TERRENO | 155.95 | 20.00 | 155.94 | 13.83 | 156.00 | 10.57 | 156.19 | 7.88 | 156.11 | 1.97 | 156.09 | 1.97 | 156.01 | 6.18 | 156.07 | 12.36 | 156.11 | 20.00 | | | | | | | | | | | | | | | |
| QUOTE TERRENO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | 6.17 | | 3.26 | | 2.69 | | 7.88 | | 1.97 | | 4.21 | | 6.18 | | 7.64 | | | | | | | | | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | | | | | 156.16 | -5.55 | 156.22 | -5.45 | 156.59 | -4.80 | 156.60 | -3.50 | 156.57 | -3.00 | 156.52 | -1.41 | 156.47 | 0.64 | 156.45 | 1.38 | 156.42 | 3.86 | 156.33 | 4.40 | 156.32 | 5.38 | 156.33 | 6.09 | 156.09 | 6.23 | 156.01 |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | | | | | 0.65 | | 1.14 | | 1.59 | | 1.41 | | 0.74 | | 2.48 | | 0.93 | | | | | | | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 0.67 | 9.36 | 65.59 |
| Binder | 0.45 | 6.24 | 43.73 |
| Bonifica | 9.42 | 93.62 | 140.27 |
| Fondazione Misto Cementato | 0.89 | 12.48 | 87.46 |
| Fondazione Misto Stabilizzato | 0.89 | 12.48 | 87.46 |
| Riporto | 1.32 | 12.88 | 84.54 |
| Scotico 20cm | 2.38 | 26.44 | 159.80 |
| Sterro | 1.15 | 14.84 | 123.92 |
| Usura | 0.22 | 3.12 | 21.86 |
| Vegetale rilevato | 1.40 | 10.29 | 34.54 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

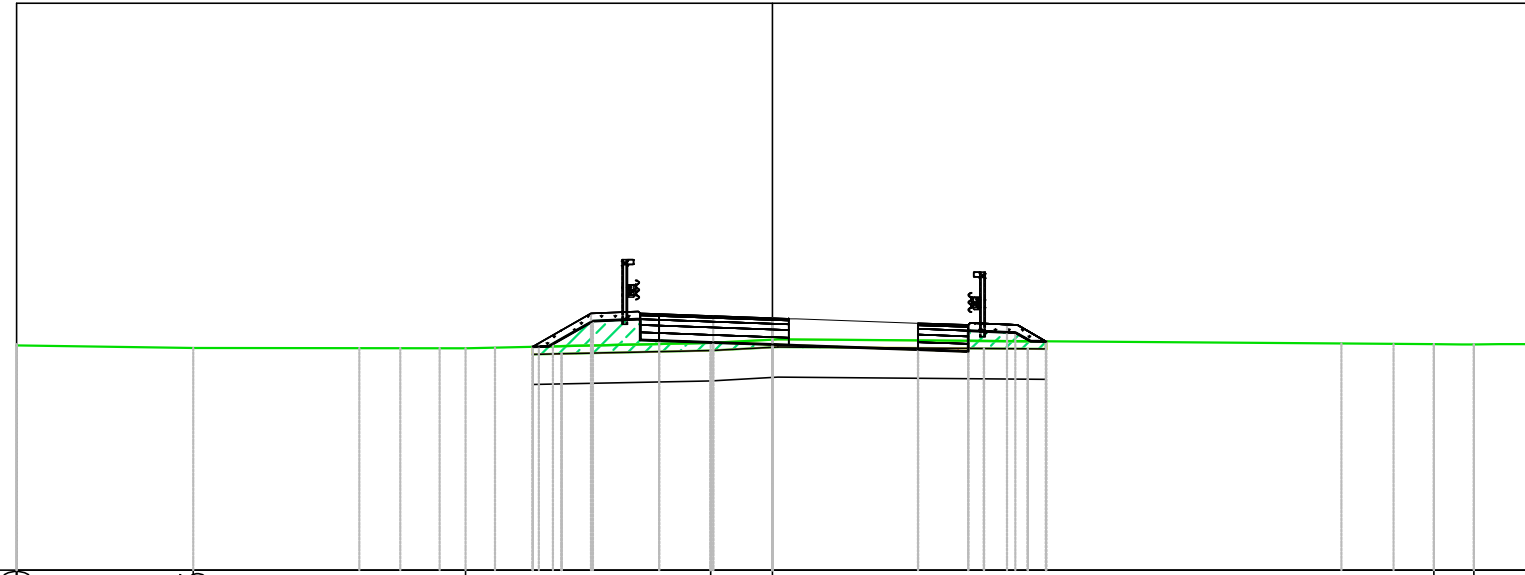
Ramo 4 - IR03
 Sez. 8
 Progr.: 0+080.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--|
| PROGRESSIVE TERRENO | 155.88 | 19.37 | 155.87 | 17.21 | 156.15 | 3.22 | 156.11 | 0.00 | 156.00 | 13.11 | 156.04 | 20.00 | | | | | | | | | | | | | | | | | |
| QUOTE TERRENO | 1.29 | | 13.63 | | 3.22 | | | | 13.09 | | 6.89 | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | 156.08 | -5.87 | 156.15 | -5.75 | 156.69 | -4.80 | 156.70 | -3.50 | 156.67 | -3.00 | 156.62 | -1.48 | 156.57 | 0.00 | 156.55 | 0.63 | 156.43 | 3.86 | 156.40 | 4.73 | 156.42 | 5.73 | 156.15 | 6.48 | 156.06 | 6.64 | |
| QUOTE PROGETTO | | | 0.95 | | 1.16 | | 1.52 | | 1.48 | | 2.78 | | 0.95 | | 0.45 | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 0.85 | 7.63 | 73.22 |
| Binder | 0.57 | 5.09 | 48.81 |
| Bonifica | 10.01 | 96.84 | 237.11 |
| Fondazione Misto Cementato | 1.14 | 10.17 | 97.63 |
| Fondazione Misto Stabilizzato | 1.14 | 10.17 | 97.63 |
| Riporto | 1.77 | 17.14 | 101.68 |
| Scotico 20cm | 2.51 | 26.82 | 186.62 |
| Sterro | 0.54 | 9.99 | 133.91 |
| Usura | 0.28 | 2.54 | 24.41 |
| Vegetale rilevato | 1.17 | 12.60 | 47.14 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

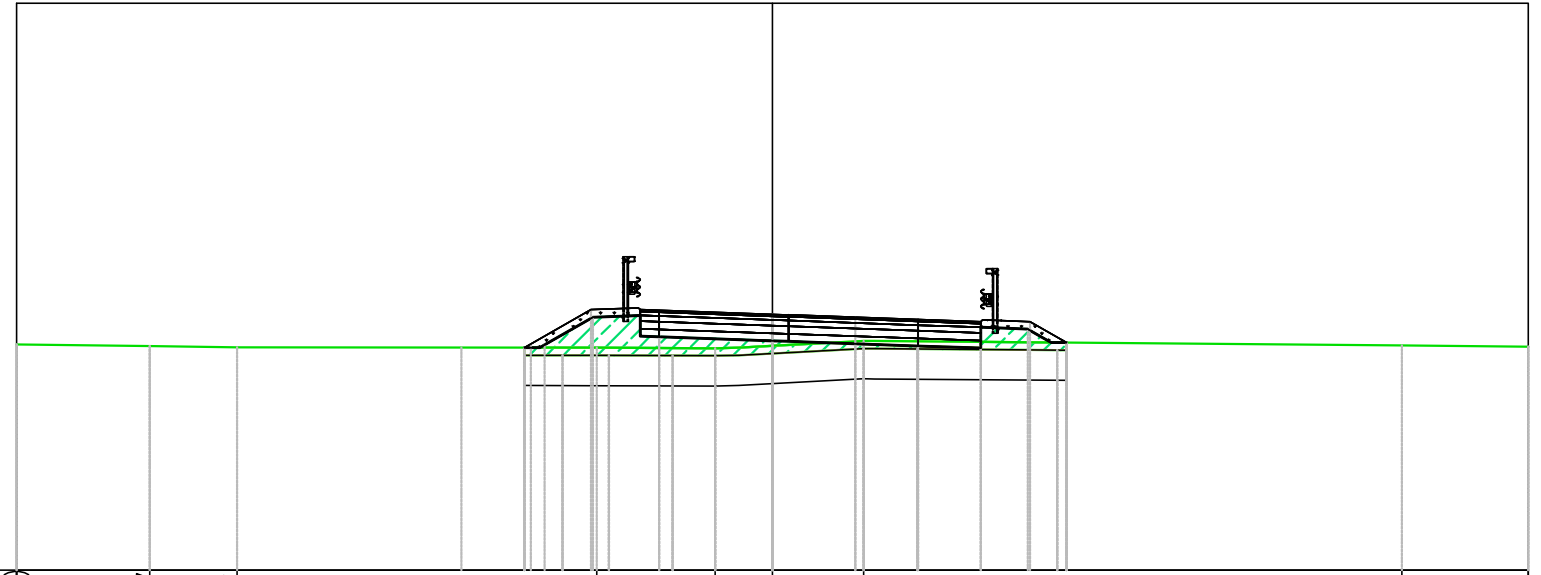
Ramo 4 - IR03
 Sez. 9
 Progr.: 0+090.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| PROGRESSIVE TERRENO | 155.95 | 20.00 | 155.88 | 15.33 | 155.88 | 8.12 | 156.01 | 1.64 | 156.10 | 155.98 | 17.50 | 155.97 | 18.56 | 155.98 | 20.00 | | | | | | | | | | | | | | | |
| QUOTE TERRENO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | 4.67 | | 7.20 | | | | 6.49 | | 1.64 | | | | | 17.35 | | | | | | | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | | | 155.91 | -6.34 | 156.01 | -6.18 | 156.79 | -4.80 | 156.80 | -3.50 | 156.77 | -3.00 | 156.72 | -1.56 | 156.67 | 0.63 | 156.65 | 3.86 | 156.51 | 4.52 | 156.49 | 5.18 | 156.50 | 6.21 | 156.17 | 7.04 | 156.05 | 7.24 |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | | | 1.38 | | 1.17 | | 1.44 | | 1.56 | | | | | | 2.98 | | 0.66 | | 0.66 | | 0.98 | | 0.56 | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 0.79 | 8.19 | 81.41 |
| Binder | 0.53 | 5.46 | 54.27 |
| Bonifica | 10.87 | 103.98 | 341.09 |
| Fondazione Misto Cementato | 1.05 | 10.92 | 108.55 |
| Fondazione Misto Stabilizzato | 1.05 | 10.92 | 108.55 |
| Riporto | 3.34 | 28.44 | 130.13 |
| Scotico 20cm | 2.72 | 28.62 | 215.25 |
| Sterro | 0.12 | 3.83 | 137.74 |
| Usura | 0.26 | 2.73 | 27.14 |
| Vegetale rilevato | 1.74 | 14.26 | 61.40 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

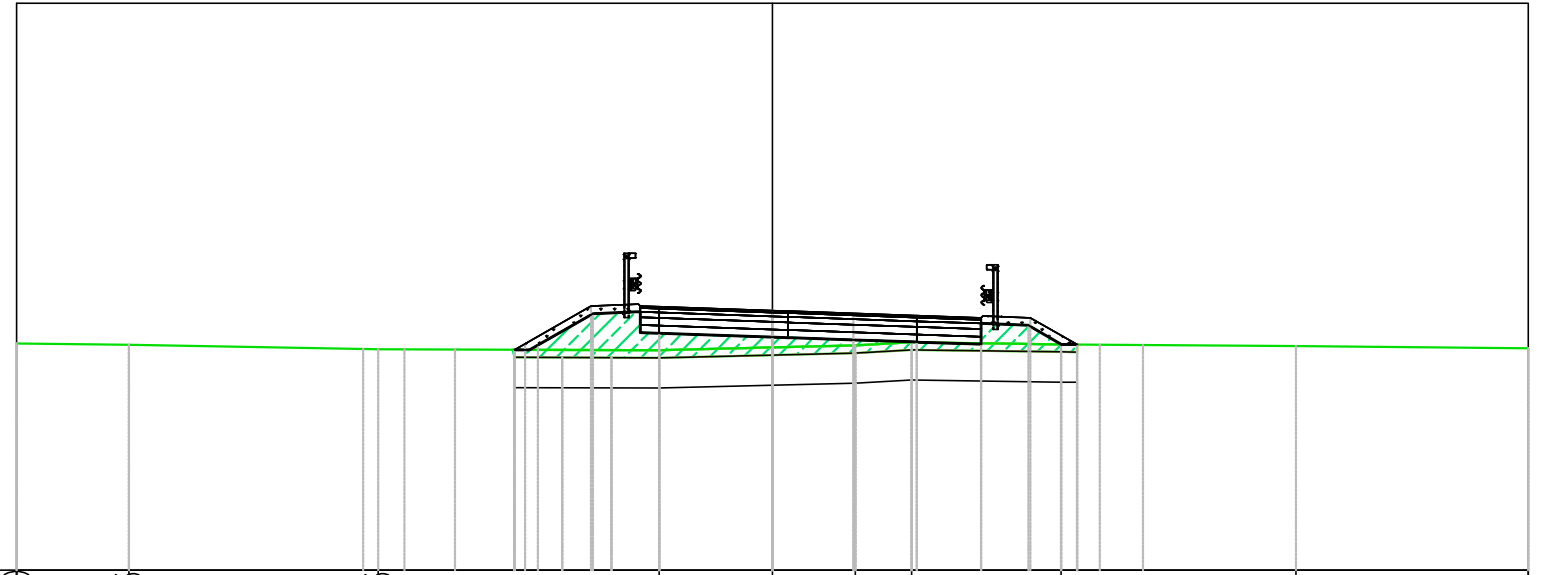
Ramo 4 - IR03
 Sez. 10
 Progr.: 0+100.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| PROGRESSIVE TERRENO | 155.97 | 20.00 | 155.93 | 16.47 | 155.90 | 14.17 | 9.52 | 155.89 | -4.65 | 155.87 | -1.51 | 155.94 | 0.00 | 156.07 | 2.41 | 155.95 | 16.66 | 155.92 | 20.00 | | | | | | | | | | | | | | |
| QUOTE TERRENO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | 3.53 | | 2.31 | | | | 9.52 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | | | | | | 155.89 | -6.56 | 155.99 | -6.39 | 156.89 | -4.80 | 156.90 | -3.50 | 156.87 | -3.00 | 156.77 | 0.00 | 156.75 | 0.61 | 156.69 | 2.19 | 156.63 | 3.86 | 156.58 | 5.51 | 156.58 | 6.81 | 156.02 | 7.78 | 156.02 | 7.78 |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.35 | 10.64 | 92.05 |
| Binder | 0.90 | 7.09 | 61.36 |
| Bonifica | 11.48 | 111.14 | 452.22 |
| Fondazione Misto Cementato | 1.80 | 14.18 | 122.73 |
| Fondazione Misto Stabilizzato | 1.80 | 14.18 | 122.73 |
| Riporto | 5.58 | 49.59 | 179.71 |
| Scotico 20cm | 2.87 | 30.56 | 245.81 |
| Sterro | 0.00 | 0.68 | 138.42 |
| Usura | 0.45 | 3.55 | 30.68 |
| Vegetale rilevato | 1.06 | 13.79 | 75.20 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

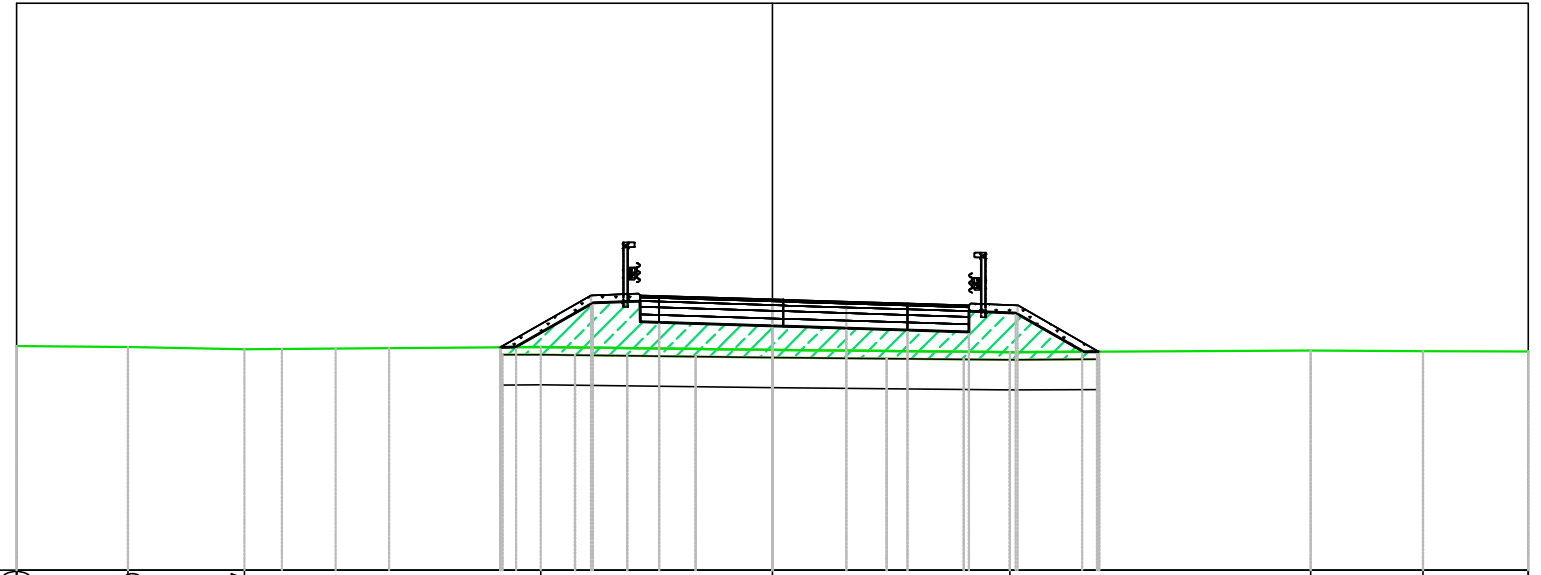
Ramo 4 - IR03
 Sez. 11
 Progr.: 0+110.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|------|--------|------|--------|------|
| PROGRESSIVE TERRENO | 156.00 | 20.00 | 155.96 | 17.03 | 155.84 | 10.43 | 155.82 | 3.00 | 155.89 | 155.95 | 2.20 | 156.03 | 3.69 | 155.98 | 7.64 | 155.93 | 13.85 | 155.87 | 20.00 | | | | | | | |
| QUOTE TERRENO | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | 2.97 | | 6.60 | | 7.43 | | 3.00 | | 2.20 | 1.49 | 3.69 | | 3.96 | | 6.21 | | 6.15 | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | | | 155.83 | -6.82 | 155.99 | -6.54 | 156.99 | -4.80 | 156.99 | -3.50 | 156.97 | -3.00 | 156.87 | 0.53 | 156.85 | 2.15 | 156.74 | 3.82 | 156.68 | 5.52 | 156.68 | 6.82 | 155.97 | 8.06 |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | 1.74 | | 1.15 | | 3.00 | | 1.62 | 1.67 | 1.70 | 1.25 | 1.22 | | | | | | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.35 | 13.40 | 105.44 |
| Binder | 0.90 | 8.93 | 70.30 |
| Bonifica | 11.91 | 116.24 | 568.46 |
| Fondazione Misto Cementato | 1.80 | 17.86 | 140.59 |
| Fondazione Misto Stabilizzato | 1.80 | 17.86 | 140.59 |
| Riporto | 7.75 | 73.80 | 253.51 |
| Scotico 20cm | 2.98 | 31.97 | 277.77 |
| Sterro | 0.00 | 0.00 | 138.42 |
| Usura | 0.45 | 4.47 | 35.15 |
| Vegetale rilevato | 1.18 | 11.22 | 86.42 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

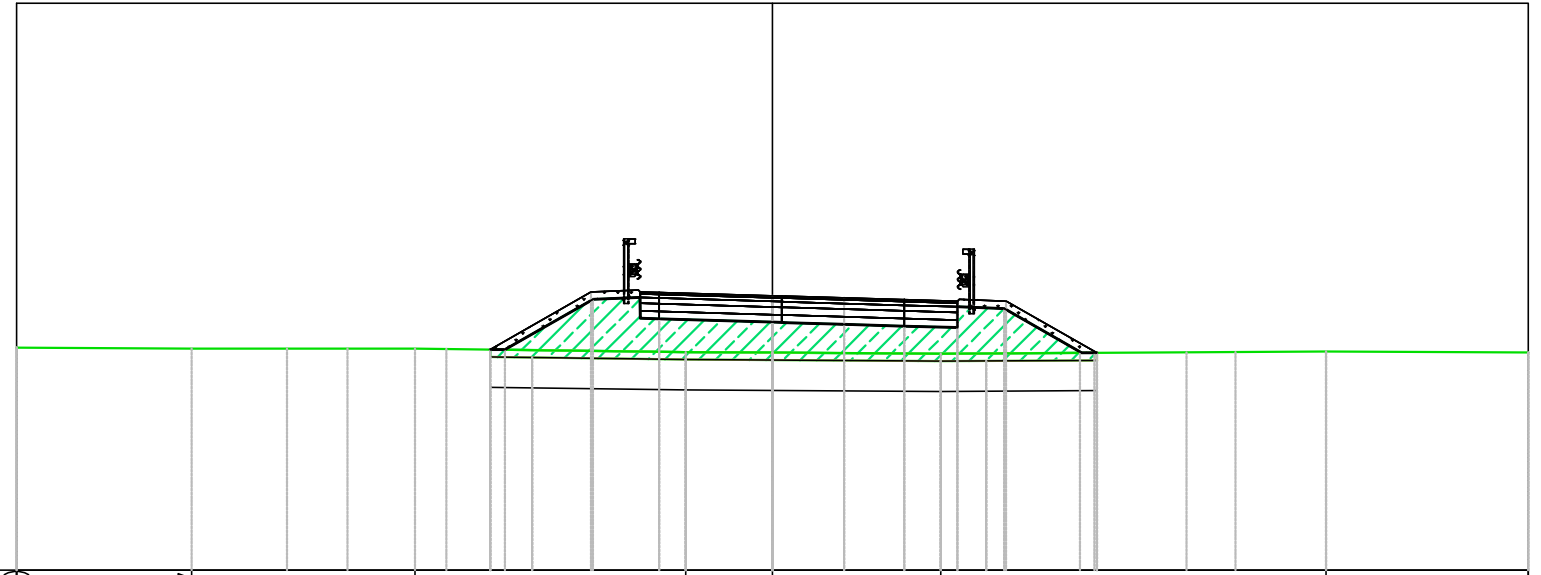
Ramo 4 - IR03
 Sez. 14
 Progr.: 0+140.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--|--|
| PROGRESSIVE TERRENO | 155.93 | 20.00 | 155.90 | 17.05 | 155.85 | 13.97 | 155.91 | 6.13 | 155.83 | 0.00 | 155.77 | 6.28 | 155.81 | 14.25 | 155.80 | 17.22 | 155.79 | 20.00 | | | | | | | | | | | | | | |
| QUOTE TERRENO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | 2.95 | | 3.08 | | 7.84 | | 6.13 | | 6.26 | | 7.96 | | 2.97 | | 2.78 | | | | | | | | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | | | | | 155.90 | 7.20 | 157.27 | 4.80 | 157.27 | 3.50 | 157.26 | 3.00 | 157.16 | 1.57 | 157.10 | 1.96 | 157.05 | 3.58 | 157.03 | 4.39 | 157.00 | 5.20 | 157.00 | 6.49 | 155.82 | 8.58 | 155.78 | 8.64 | | |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | | | 2.39 | | 1.25 | | 0.50 | | 3.00 | | | | 1.62 | 0.81 | 0.81 | | 1.24 | | 2.08 | | | | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.31 | 13.09 | 145.15 |
| Binder | 0.87 | 8.73 | 96.76 |
| Bonifica | 12.67 | 125.11 | 936.66 |
| Fondazione Misto Cementato | 1.74 | 17.45 | 193.53 |
| Fondazione Misto Stabilizzato | 1.74 | 17.45 | 193.53 |
| Riporto | 13.47 | 134.82 | 596.98 |
| Scotico 20cm | 3.17 | 34.41 | 379.03 |
| Sterro | 0.00 | 0.00 | 138.42 |
| Usura | 0.44 | 4.36 | 48.38 |
| Vegetale rilevato | 1.48 | 14.24 | 126.44 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

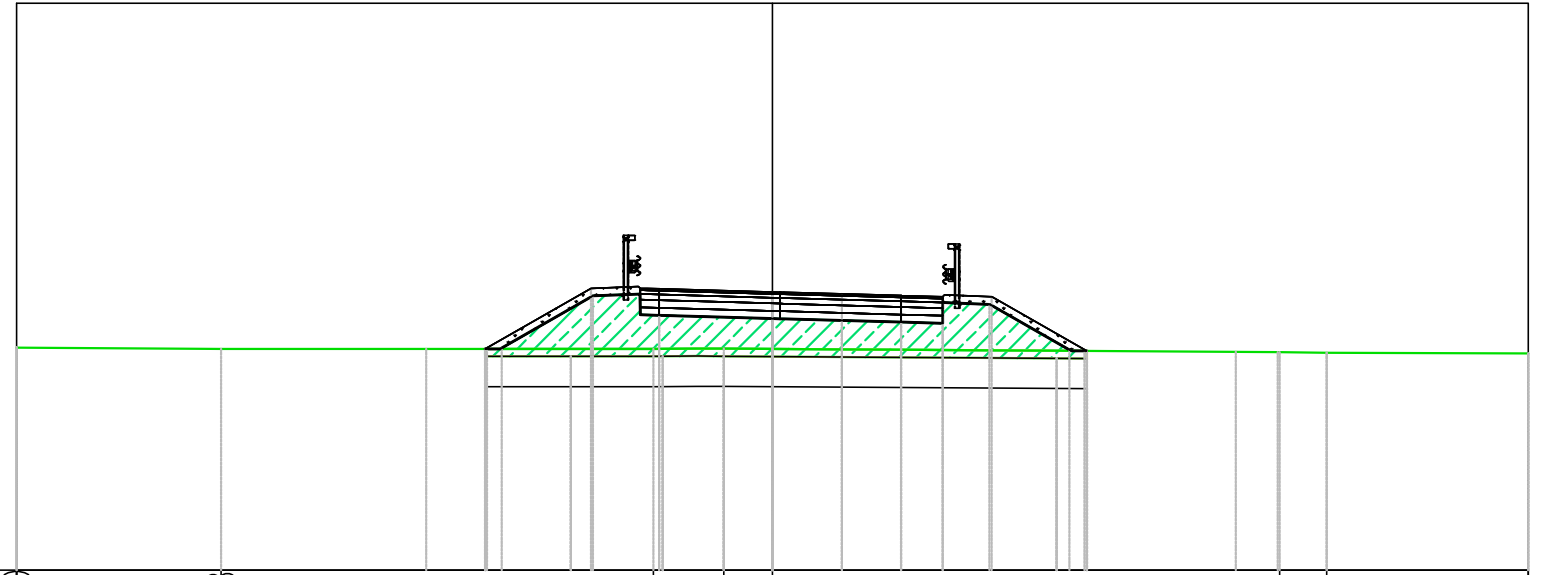
Ramo 4 - IR03
 Sez. 15
 Progr.: 0+150.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|-------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--|
| PROGRESSIVE TERRENO | 155.89 | 20.00 | 155.87 | 15.37 | 155.87 | 9.46 | 155.77 | 2.30 | 155.76 | 0.00 | 155.73 | 4.45 | 155.78 | 14.65 | 155.76 | 20.00 | | | | | | | | | | | | |
| QUOTE TERRENO | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | 4.63 | | 5.91 | | 7.16 | | 2.30 | | 4.45 | | 10.20 | | 5.35 | | | | | | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | | | 155.84 | 7.47 | 157.36 | 4.80 | 157.36 | 3.50 | 157.35 | 3.00 | 157.26 | 1.89 | 157.21 | 1.89 | 3.49 | 157.14 | 4.19 | 157.12 | 4.89 | 157.12 | 6.18 | 155.79 | 8.52 | 155.75 | 8.58 | |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | 2.66 | | 1.25 | | 0.50 | | 3.00 | | 1.55 | | 1.60 | | 0.70 | | 0.70 | | 1.24 | | 2.33 | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.26 | 12.76 | 157.91 |
| Binder | 0.84 | 8.51 | 105.27 |
| Bonifica | 12.84 | 127.10 | 1063.76 |
| Fondazione Misto Cementato | 1.68 | 17.01 | 210.54 |
| Fondazione Misto Stabilizzato | 1.68 | 17.01 | 210.54 |
| Riporto | 15.84 | 160.83 | 757.81 |
| Scotico 20cm | 3.21 | 34.95 | 413.98 |
| Sterro | 0.00 | 0.00 | 138.42 |
| Usura | 0.42 | 4.25 | 52.64 |
| Vegetale rilevato | 1.60 | 15.34 | 141.78 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

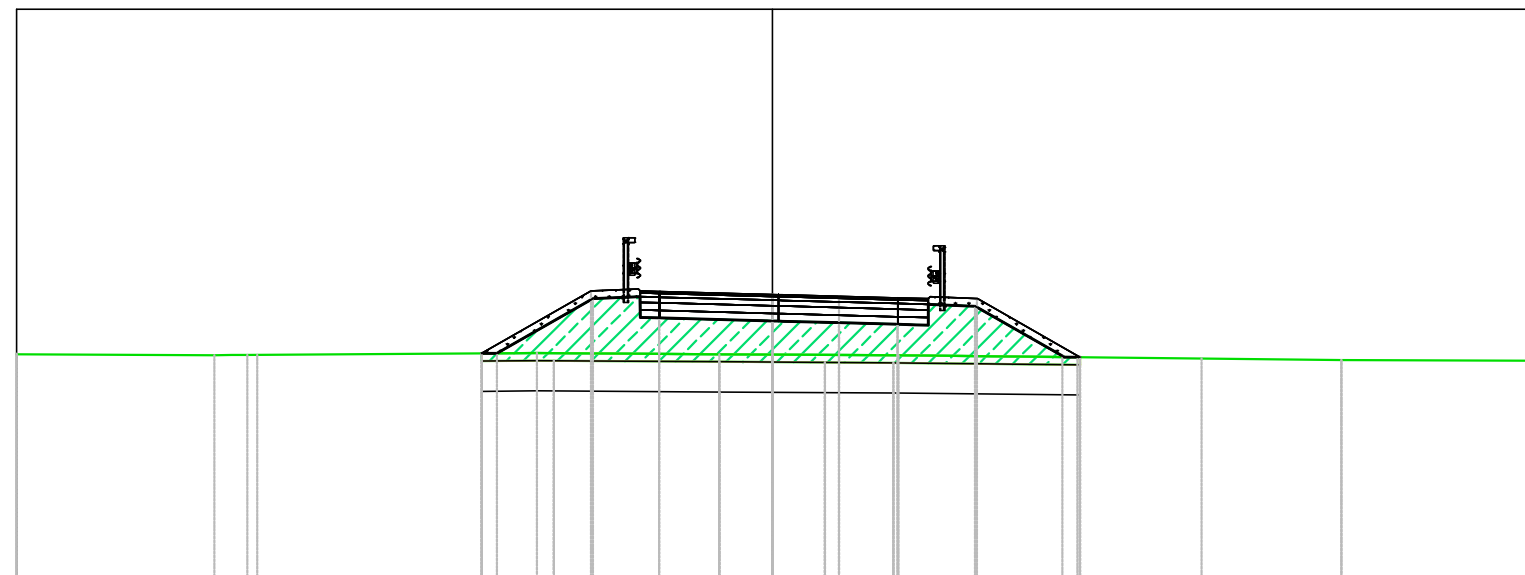
Ramo 4 - IR03
 Sez. 16
 Progr.: 0+160.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|-------|
| PROGRESSIVE TERRENO | 155.89 | 20.00 | 155.86 | 14.58 | 155.86 | 3.15 | 155.86 | 1.28 | 155.85 | 155.77 | 13.42 | 155.76 | 14.67 | 155.74 | 20.00 |
| QUOTE TERRENO | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | 5.42 | | 11.43 | | 1.17 | 1.28 | | | 13.42 | 1.25 | | 5.33 | | | |
| PROGRESSIVE PROGETTO | | | 155.86 | -7.60 | 155.89 | -7.55 | 157.46 | -4.80 | 157.46 | -3.50 | 157.44 | -3.00 | 157.36 | 157.31 | 1.84 |
| QUOTE PROGETTO | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | 2.75 | 1.24 | 0.50 | 3.00 | 1.53 | 1.57 | 0.54 | 0.54 | 1.24 | 2.44 | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.20 | 12.26 | 170.17 |
| Binder | 0.80 | 8.17 | 113.45 |
| Bonifica | 12.73 | 127.59 | 1191.35 |
| Fondazione Misto Cementato | 1.60 | 16.35 | 226.89 |
| Fondazione Misto Stabilizzato | 1.60 | 16.35 | 226.89 |
| Riporto | 15.92 | 174.44 | 932.24 |
| Scotico 20cm | 3.18 | 35.09 | 449.07 |
| Sterro | 0.00 | 0.00 | 138.42 |
| Usura | 0.40 | 4.09 | 56.72 |
| Vegetale rilevato | 1.65 | 16.24 | 158.02 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

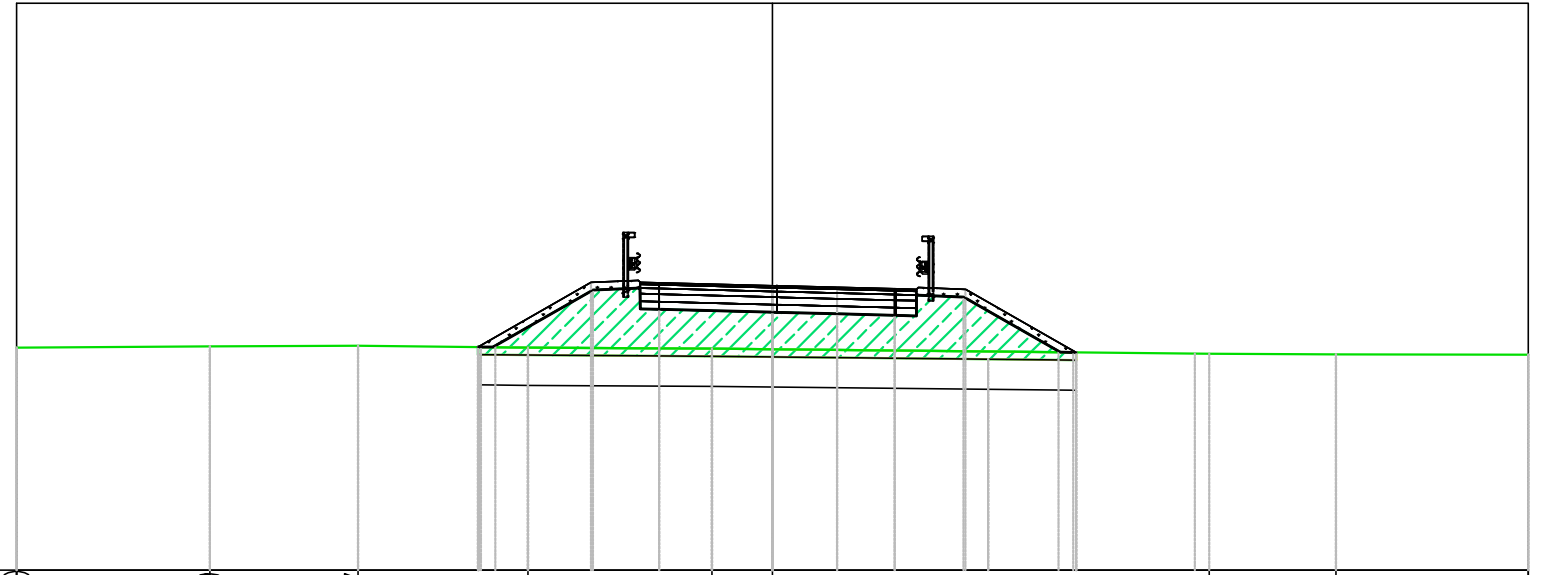
Ramo 4 - IR03
 Sez. 17
 Progr.: 0+170.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|------|--------|-------|--------|------|--------|-------|--------|-------|--------|-------|--------|------|--------|------|--------|------|--------|------|--------|------|--|
| PROGRESSIVE TERRENO | 155.87 | 20.00 | 155.85 | 13.89 | 155.90 | 6.23 | 155.87 | -1.41 | 155.87 | 0.00 | 155.84 | 3.34 | 155.72 | 15.05 | 155.70 | 20.00 | | | | | | | | | | | |
| QUOTE TERRENO | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | 5.24 | | 7.66 | | 4.82 | | 1.41 | | 3.34 | | | 11.72 | | | 4.95 | | | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | | | 155.89 | 7.69 | 157.55 | 4.80 | 157.55 | 3.50 | 157.53 | 3.00 | 157.45 | 1.77 | 157.41 | 1.77 | 157.36 | 3.31 | 157.34 | 4.12 | 157.34 | 5.41 | 155.83 | 8.07 | 155.79 | 8.14 | |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | 2.87 | | 1.25 | | 0.50 | | 3.00 | | 1.50 | | 1.55 | | 1.24 | | 2.64 | | | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.14 | 11.70 | 181.87 |
| Binder | 0.76 | 7.80 | 121.25 |
| Bonifica | 12.66 | 126.81 | 1318.16 |
| Fondazione Misto Cementato | 1.52 | 15.60 | 242.49 |
| Fondazione Misto Stabilizzato | 1.52 | 15.60 | 242.49 |
| Riporto | 16.79 | 179.80 | 1112.04 |
| Scotico 20cm | 3.16 | 34.87 | 483.94 |
| Sterro | 0.00 | 0.00 | 138.42 |
| Usura | 0.38 | 3.90 | 60.62 |
| Vegetale rilevato | 1.72 | 16.87 | 174.88 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

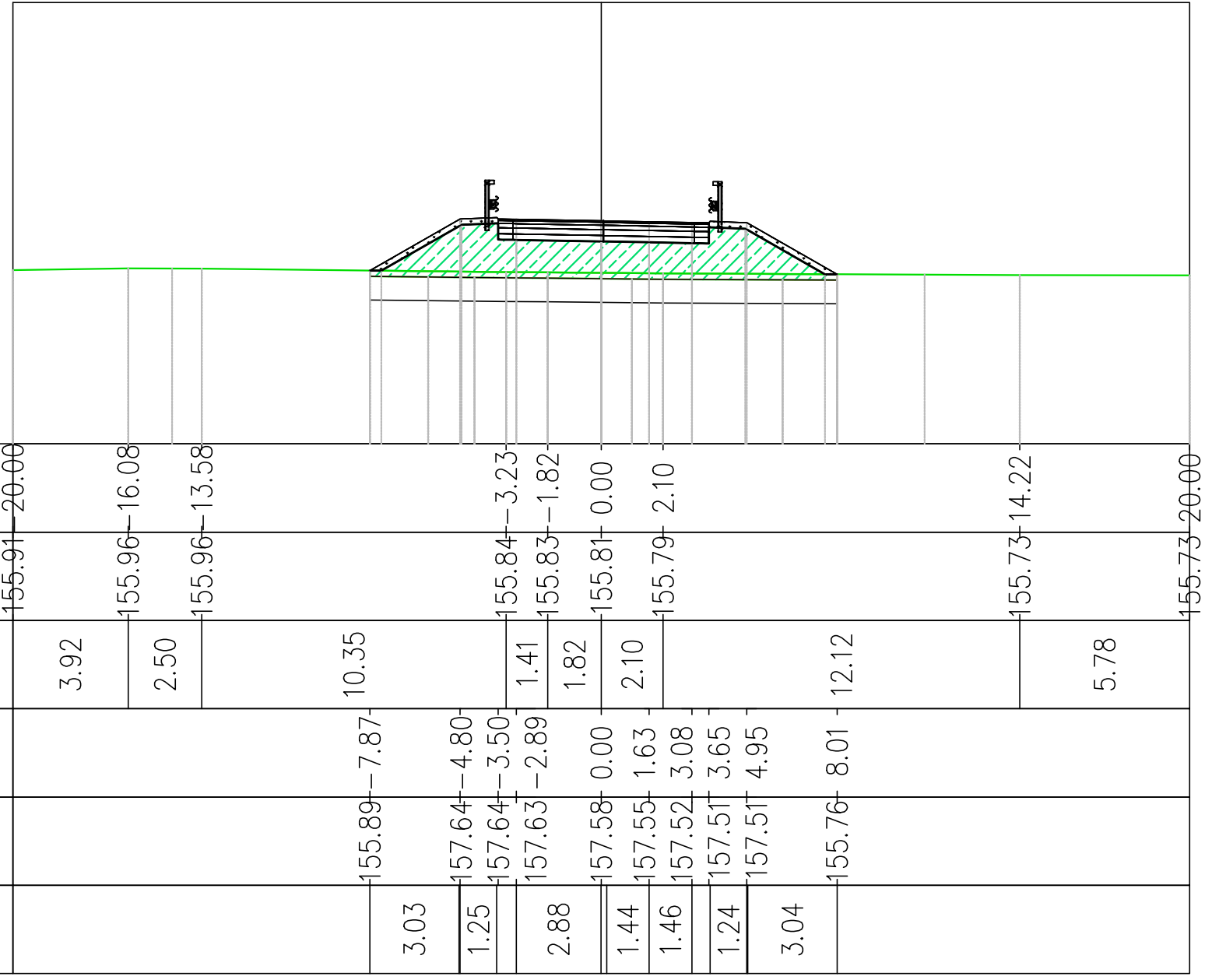
Ramo 4 - IR03
 Sez. 18
 Progr.: 0+180.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|------|--------|------|--------|------|--------|------|--------|------|--|
| PROGRESSIVE TERRENO | 155.89 | 20.00 | 155.92 | 14.89 | 155.94 | 10.97 | 155.89 | 6.47 | 155.86 | 1.60 | 155.85 | 0.00 | 155.73 | 11.56 | 155.71 | 14.91 | 155.71 | 20.00 | | | | | | | | | | | |
| QUOTE TERRENO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | 5.11 | | 3.92 | | 4.50 | | 4.87 | | 1.60 | | 11.56 | | 3.36 | | 5.09 | | | | | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | | | 155.91 | -7.79 | 155.95 | -7.71 | 157.62 | -4.80 | 157.67 | -3.55 | 157.60 | -3.00 | 157.53 | | 157.48 | 1.71 | 157.44 | 3.24 | 157.43 | 3.81 | 157.43 | 5.11 | 155.80 | 7.96 | 155.76 | 8.03 | |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | | | 2.91 | | 1.24 | | 3.00 | | 1.49 | | 1.53 | | 1.24 | | 2.85 | | | | | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.10 | 11.19 | 193.06 |
| Binder | 0.73 | 7.46 | 128.71 |
| Bonifica | 12.66 | 126.52 | 1444.68 |
| Fondazione Misto Cementato | 1.46 | 14.93 | 257.42 |
| Fondazione Misto Stabilizzato | 1.46 | 14.93 | 257.42 |
| Riporto | 17.96 | 191.13 | 1303.17 |
| Scotico 20cm | 3.16 | 34.79 | 518.73 |
| Sterro | 0.00 | 0.00 | 138.42 |
| Usura | 0.37 | 3.73 | 64.36 |
| Vegetale rilevato | 1.79 | 17.56 | 192.45 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

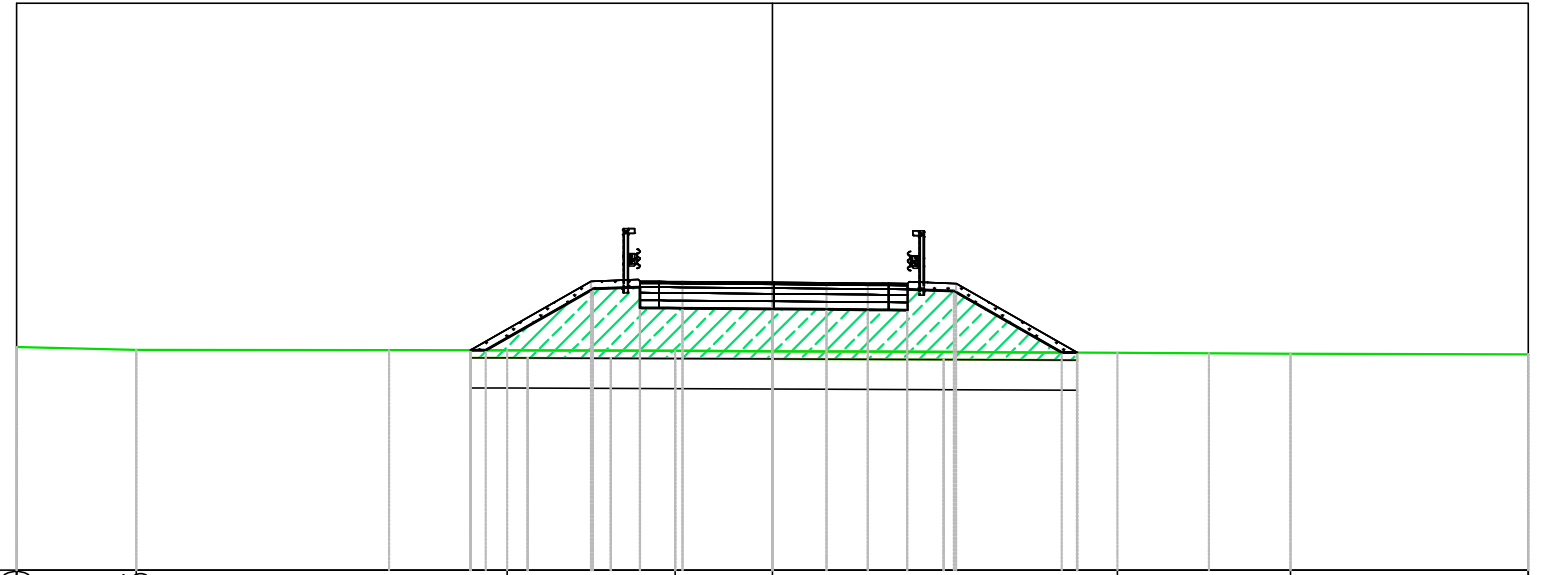
Ramo 4 - IR03
 Sez. 19
 Progr.: 0+190.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|------|--------|------|--------|------|-------|--|
| PROGRESSIVE TERRENO | 155.91 | 20.00 | 155.96 | 16.08 | 155.96 | 13.58 | 10.35 | 155.84 | 3.23 | 155.83 | 1.82 | 155.81 | 0.00 | 155.79 | 2.10 | 155.73 | 14.22 | 155.73 | 20.00 | | | | | | | | | |
| QUOTE TERRENO | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | 3.92 | | 2.50 | | | | | 1.41 | 1.82 | 2.10 | | | | | | 12.12 | | 5.78 | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | | | | | 155.89 | 7.87 | 157.64 | 4.80 | 157.64 | 3.50 | 157.63 | 2.89 | 157.58 | 0.00 | 157.55 | 1.63 | 157.52 | 3.08 | 157.51 | 3.65 | 157.51 | 4.95 | 155.76 | 8.01 | 12.12 | |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | | | 3.03 | | 1.25 | | 2.88 | | 1.44 | | 1.46 | | 1.24 | | 3.04 | | | | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.07 | 10.85 | 203.91 |
| Binder | 0.72 | 7.23 | 135.94 |
| Bonifica | 12.70 | 126.79 | 1571.47 |
| Fondazione Misto Cementato | 1.43 | 14.46 | 271.88 |
| Fondazione Misto Stabilizzato | 1.43 | 14.46 | 271.88 |
| Riporto | 18.99 | 203.26 | 1506.43 |
| Scotico 20cm | 3.18 | 34.87 | 553.60 |
| Sterro | 0.00 | 0.00 | 138.42 |
| Usura | 0.36 | 3.62 | 67.97 |
| Vegetale rilevato | 1.84 | 18.18 | 210.62 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

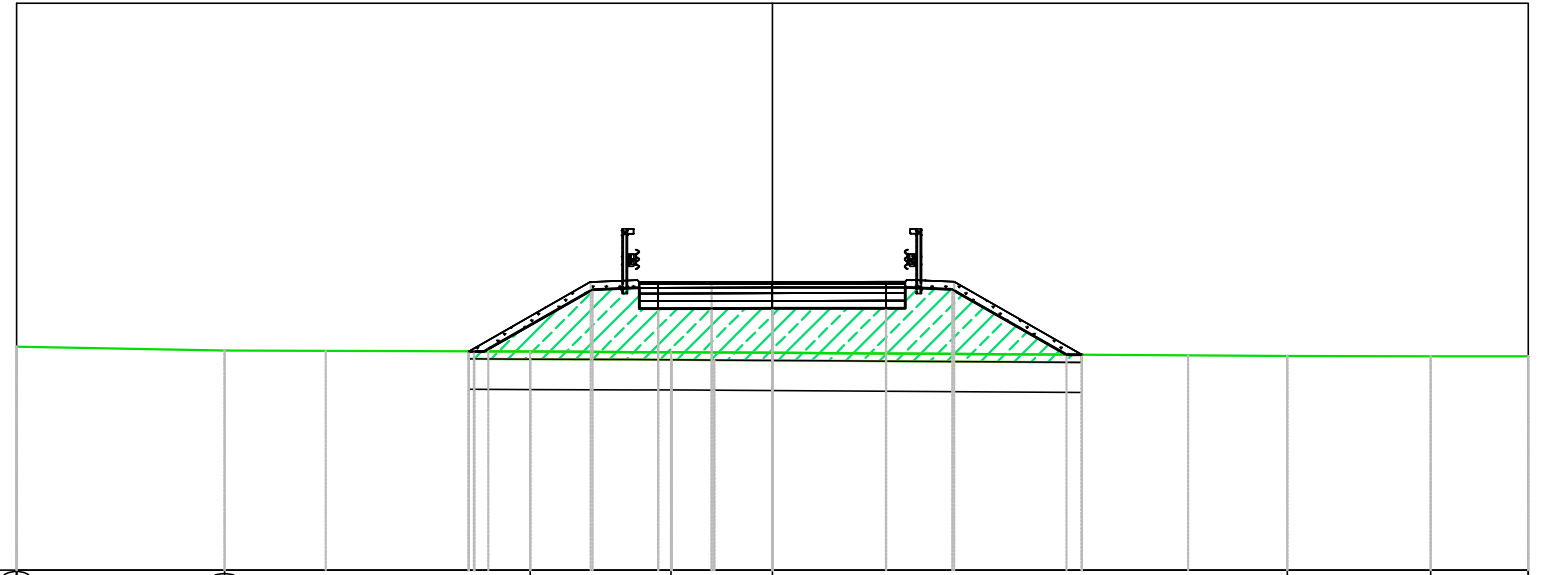
Ramo 4 - IR03
 Sez. 20
 Progr.: 0+200.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| PROGRESSIVE TERRENO | 155.91 | 20.00 | 155.83 | 16.83 | 155.82 | 7.02 | 155.80 | 2.58 | 155.79 | 0.00 | 155.76 | 9.12 | 155.73 | 13.71 | 155.71 | 20.00 |
| QUOTE TERRENO | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | 3.17 | | 9.81 | | 4.44 | | 2.58 | | | 9.12 | | 4.59 | | 6.29 | | |
| PROGRESSIVE PROGETTO | | | | | 155.82 | -7.99 | 157.64 | -4.80 | 157.64 | -3.50 | 157.64 | -3.00 | 157.63 | -2.37 | 157.61 | 0.00 |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | 3.12 | | 1.24 | | 2.36 | | 1.29 | 1.09 | 1.24 | | 3.16 | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.06 | 10.67 | 214.58 |
| Binder | 0.71 | 7.11 | 143.05 |
| Bonifica | 12.84 | 127.71 | 1699.18 |
| Fondazione Misto Cementato | 1.41 | 14.22 | 286.11 |
| Fondazione Misto Stabilizzato | 1.41 | 14.22 | 286.11 |
| Riporto | 19.84 | 213.60 | 1720.03 |
| Scotico 20cm | 3.21 | 35.12 | 588.72 |
| Sterro | 0.00 | 0.00 | 138.42 |
| Usura | 0.35 | 3.56 | 71.53 |
| Vegetale rilevato | 1.90 | 18.72 | 229.34 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

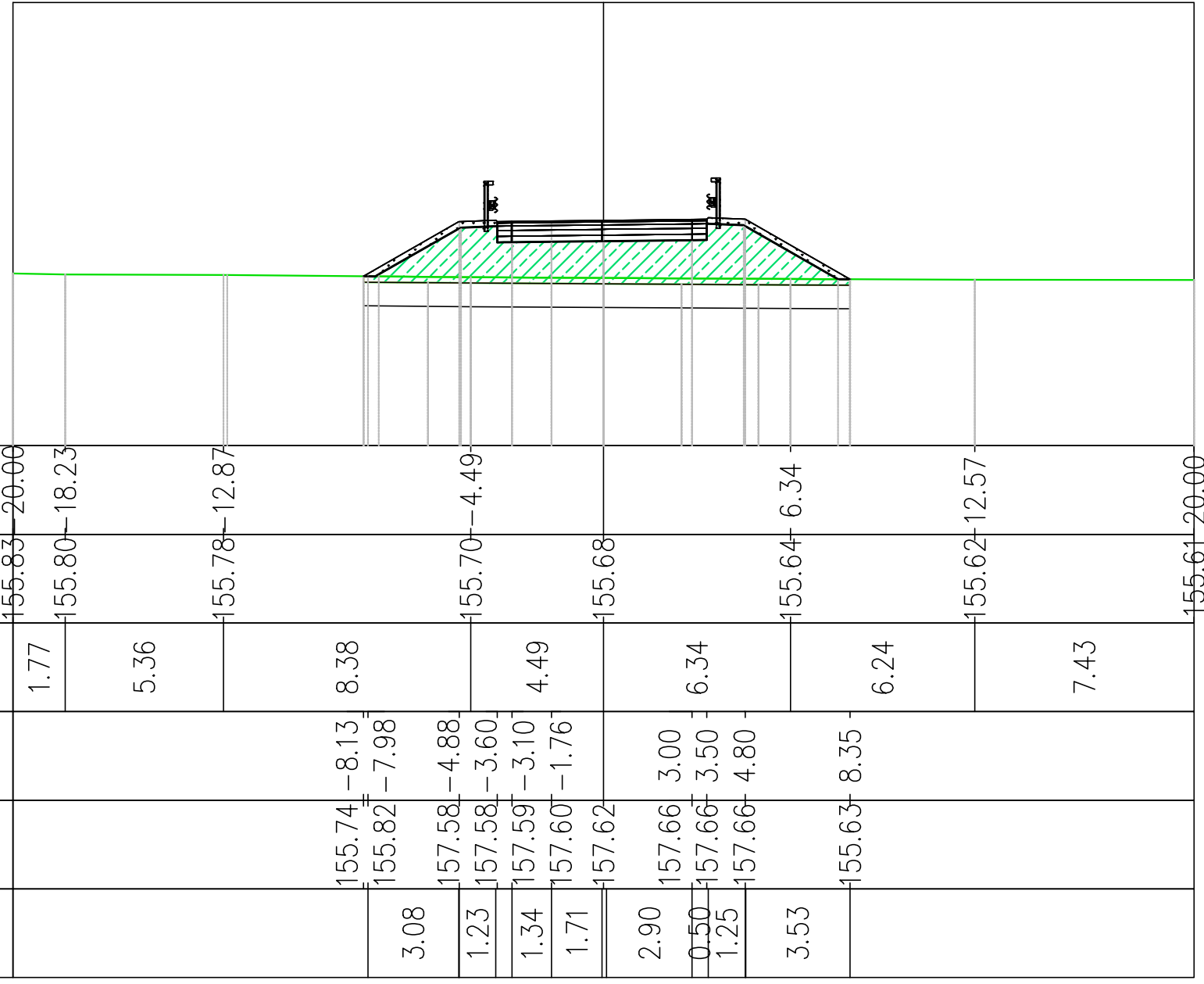
Ramo 4 - IR03
 Sez. 21
 Progr.: 0+210.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|------|--------|------|--------|------|--------|------|
| PROGRESSIVE TERRENO | 155.91 | 20.00 | 155.82 | 14.50 | 155.78 | 6.41 | 155.77 | 2.68 | 155.75 | 0.00 | 155.67 | 13.63 | 155.66 | 17.41 | 155.66 | 20.00 | | | | | | | | |
| QUOTE TERRENO | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | 5.50 | | 8.09 | | 2.75 | | 2.68 | | | | 13.63 | | 3.79 | | 2.59 | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | | | 155.79 | -8.03 | 155.87 | -7.90 | 157.62 | -4.81 | 157.63 | -3.53 | 157.62 | -3.02 | 157.63 | -1.60 | 157.63 | 3.01 | 157.68 | 3.56 | 157.63 | 4.81 | 155.70 | 8.19 |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | 3.07 | | 1.21 | | 1.42 | | 1.60 | | 2.87 | | 1.22 | | 3.36 | | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.05 | 10.58 | 225.16 |
| Binder | 0.70 | 7.05 | 150.11 |
| Bonifica | 12.97 | 129.06 | 1828.24 |
| Fondazione Misto Cementato | 1.41 | 14.10 | 300.21 |
| Fondazione Misto Stabilizzato | 1.41 | 14.10 | 300.21 |
| Riporto | 20.69 | 222.92 | 1942.95 |
| Scotico 20cm | 3.24 | 35.49 | 624.21 |
| Sterro | 0.00 | 0.00 | 138.42 |
| Usura | 0.35 | 3.53 | 75.05 |
| Vegetale rilevato | 1.95 | 19.24 | 248.59 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

Ramo 4 - IR03
 Sez. 22
 Progr.: 0+220.00
 Q.Rif. : 150.00

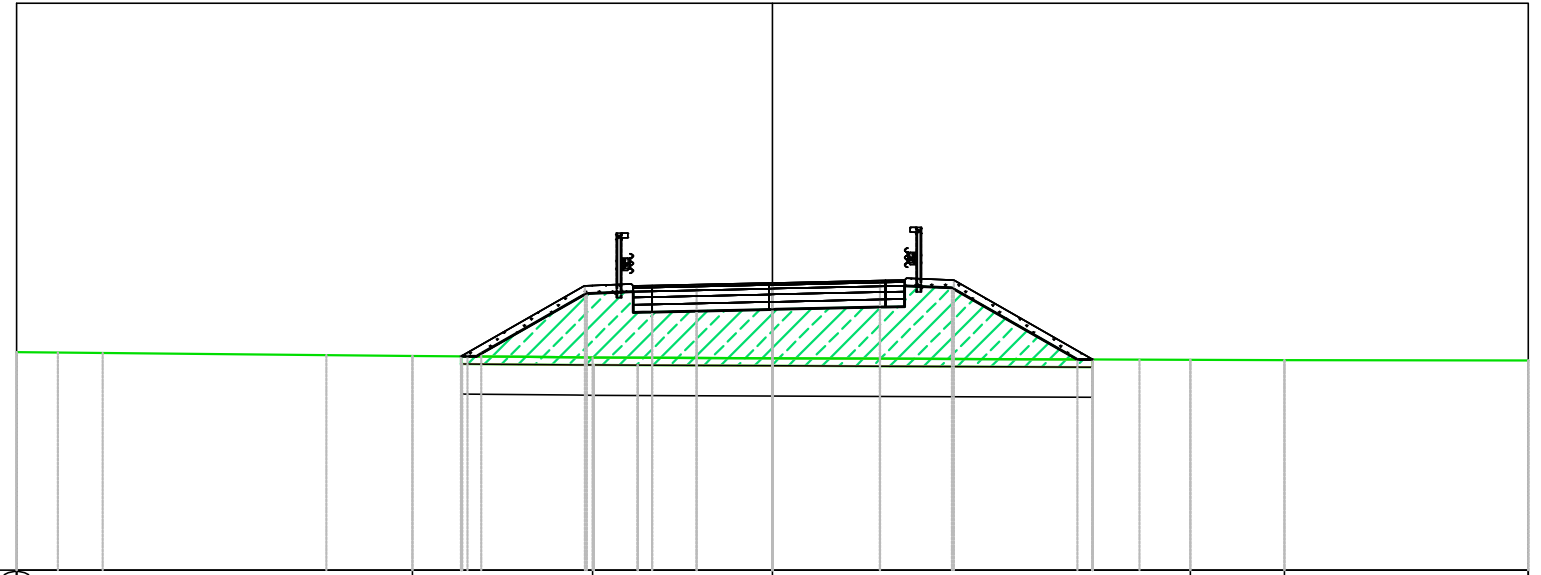


| | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO | 155.83 | 20.00 | 155.80 | 18.23 | 155.78 | 12.87 | 155.70 | 4.49 | 155.68 | 155.64 | 6.34 | 155.62 | 12.57 | 155.61 | 20.00 |
| QUOTE TERRENO | 1.77 | 5.36 | 8.38 | 4.49 | 6.34 | 6.24 | 7.43 | | | | | | | | |
| DISTANZE PARZIALI TERRENO | | | | | | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | 155.74 | -8.13 | 155.82 | -7.98 | 157.58 | -4.88 | 157.58 | -3.60 | 157.59 | -3.10 | 157.60 | -1.76 | 157.62 |
| QUOTE PROGETTO | | | 3.08 | 1.23 | 1.34 | 1.71 | 2.90 | 0.50 | 1.25 | 3.53 | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | | | | | | | | | | | |

TABELLA MATERIALI -
pk. 0+220.00

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.06 | 10.60 | 235.76 |
| Binder | 0.71 | 7.06 | 157.17 |
| Bonifica | 13.18 | 130.79 | 1959.03 |
| Fondazione Misto Cementato | 1.42 | 14.13 | 314.34 |
| Fondazione Misto Stabilizzato | 1.42 | 14.13 | 314.34 |
| Riporto | 21.85 | 233.97 | 2176.92 |
| Scotico 20cm | 3.30 | 35.97 | 660.18 |
| Sterro | 0.00 | 0.00 | 138.42 |
| Usura | 0.35 | 3.53 | 78.59 |
| Vegetale rilevato | 1.99 | 19.71 | 268.30 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

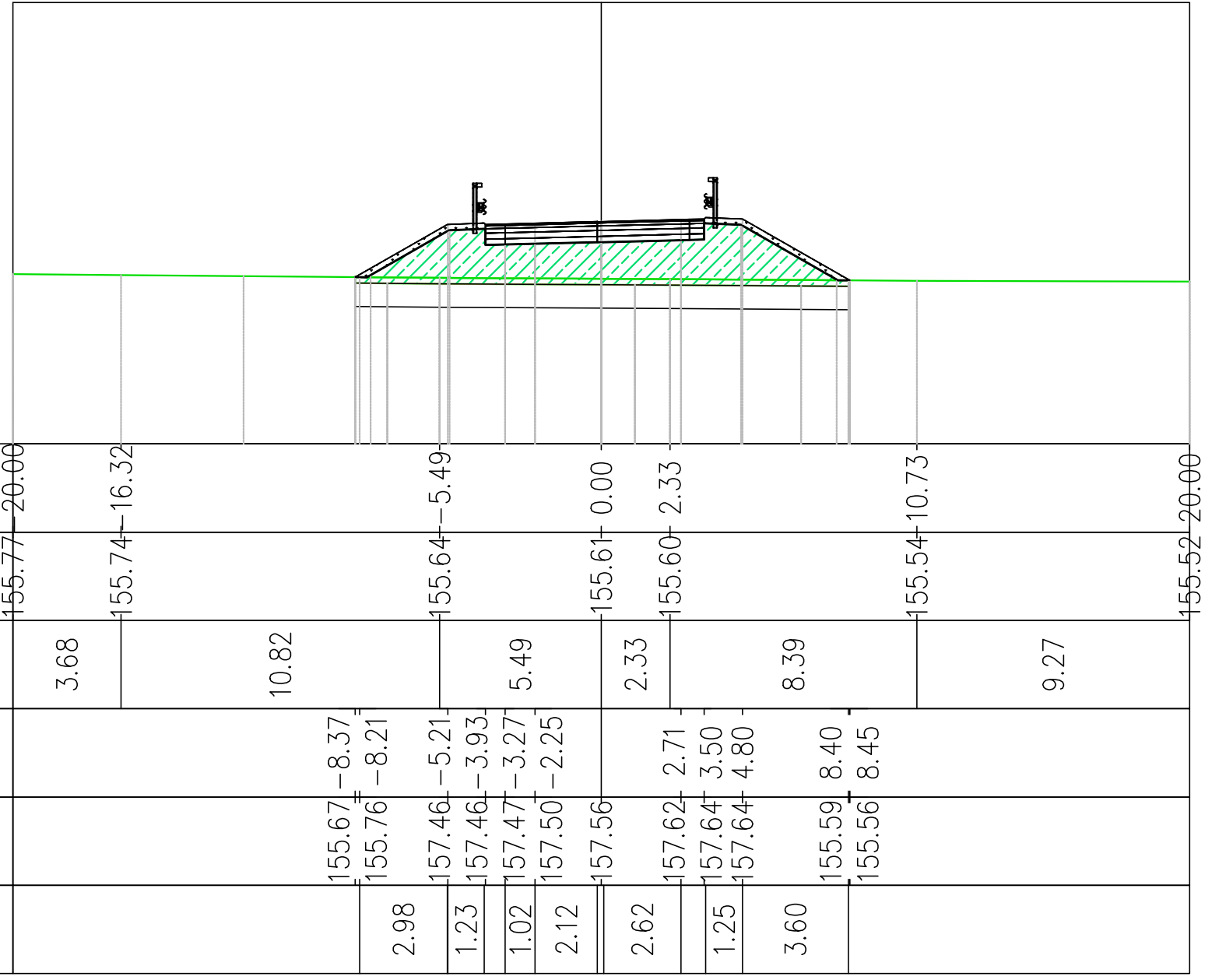
Ramo 4 - IR03
 Sez. 23
 Progr.: 0+230.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|-------|--------|-------|--------|--------|--------|-------|--------|-------|--------|--------|--------|-------|--------|--------|------|--------|-------|--------|------|--------|------|
| PROGRESSIVE TERRENO | 155.77 | 20.00 | | 155.67 | 9.52 | | 155.63 | 4.76 | | 155.61 | 0.00 | | 155.56 | 11.06 | | 155.56 | 13.55 | | 155.55 | 20.00 | | | | |
| QUOTE TERRENO | | | 10.48 | | | 4.34 | | | 4.76 | | | | 11.06 | | 2.49 | | 6.45 | | | | | | | |
| DISTANZE PARZIALI TERRENO | | | | | | | | | | | | | | | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | | 155.66 | -8.24 | 155.76 | -8.07 | 157.52 | -4.96 | 157.52 | -3.68 | 157.53 | -3.18 | 157.56 | -2.00 | 157.60 | 157.66 | 2.84 | 157.67 | 3.50 | 157.67 | 4.80 | 155.57 | 8.48 |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | | 3.09 | | 1.23 | | 1.18 | | 1.91 | | 2.75 | | 1.25 | | 3.66 | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.08 | 10.71 | 246.46 |
| Binder | 0.72 | 7.14 | 164.31 |
| Bonifica | 13.37 | 132.76 | 2091.79 |
| Fondazione Misto Cementato | 1.44 | 14.28 | 328.62 |
| Fondazione Misto Stabilizzato | 1.44 | 14.28 | 328.62 |
| Riporto | 22.69 | 245.04 | 2421.96 |
| Scotico 20cm | 3.34 | 36.51 | 696.70 |
| Sterro | 0.00 | 0.00 | 138.42 |
| Usura | 0.36 | 3.57 | 82.15 |
| Vegetale rilevato | 2.03 | 20.12 | 288.42 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

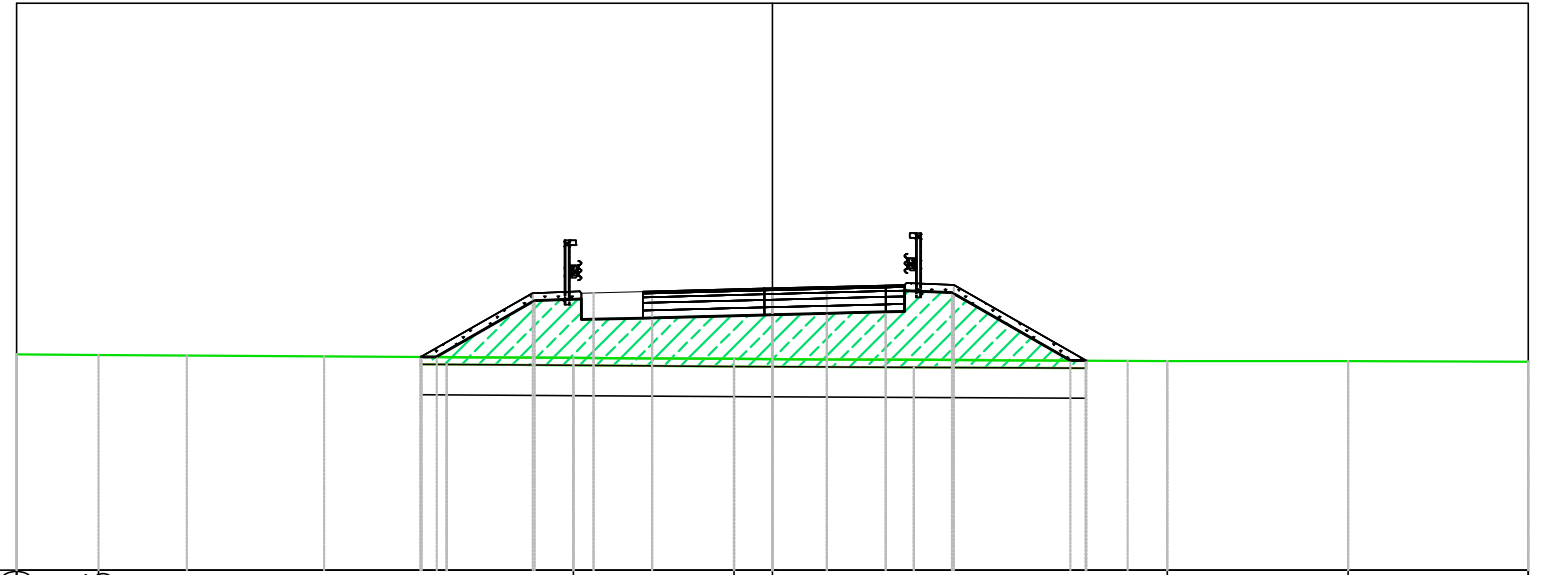
Ramo 4 - IR03
 Sez. 24
 Progr.: 0+240.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--|--------|------|--------|------|--------|------|--------|------|--------|------|--|--|
| PROGRESSIVE TERRENO | 155.77 | 20.00 | 155.74 | 16.32 | 155.64 | 5.49 | 155.61 | 0.00 | 155.60 | 2.33 | 155.54 | 10.73 | 155.52 | 20.00 | | | | | | | | | | | | | | | | |
| QUOTE TERRENO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | 3.68 | | 10.82 | | 5.49 | | 2.33 | | 8.39 | | 9.27 | | | | | | | | | | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | | | 155.67 | -8.37 | 155.76 | -8.21 | 157.46 | -5.21 | 157.46 | -3.93 | 157.47 | -3.27 | 157.50 | -2.25 | 157.56 | | 157.62 | 2.71 | 157.64 | 3.50 | 157.64 | 4.80 | 155.59 | 8.40 | 155.56 | 8.45 | | |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | 2.98 | | 1.23 | | 1.02 | | 2.12 | | 2.62 | | 1.25 | | 3.60 | | | | | | | | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.11 | 10.95 | 257.42 |
| Binder | 0.74 | 7.30 | 171.61 |
| Bonifica | 13.45 | 134.11 | 2225.90 |
| Fondazione Misto Cementato | 1.49 | 14.61 | 343.22 |
| Fondazione Misto Stabilizzato | 1.49 | 14.61 | 343.22 |
| Riporto | 22.28 | 247.43 | 2669.39 |
| Scotico 20cm | 3.36 | 36.88 | 733.57 |
| Sterro | 0.00 | 0.00 | 138.42 |
| Usura | 0.37 | 3.65 | 85.81 |
| Vegetale rilevato | 1.99 | 20.13 | 308.55 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

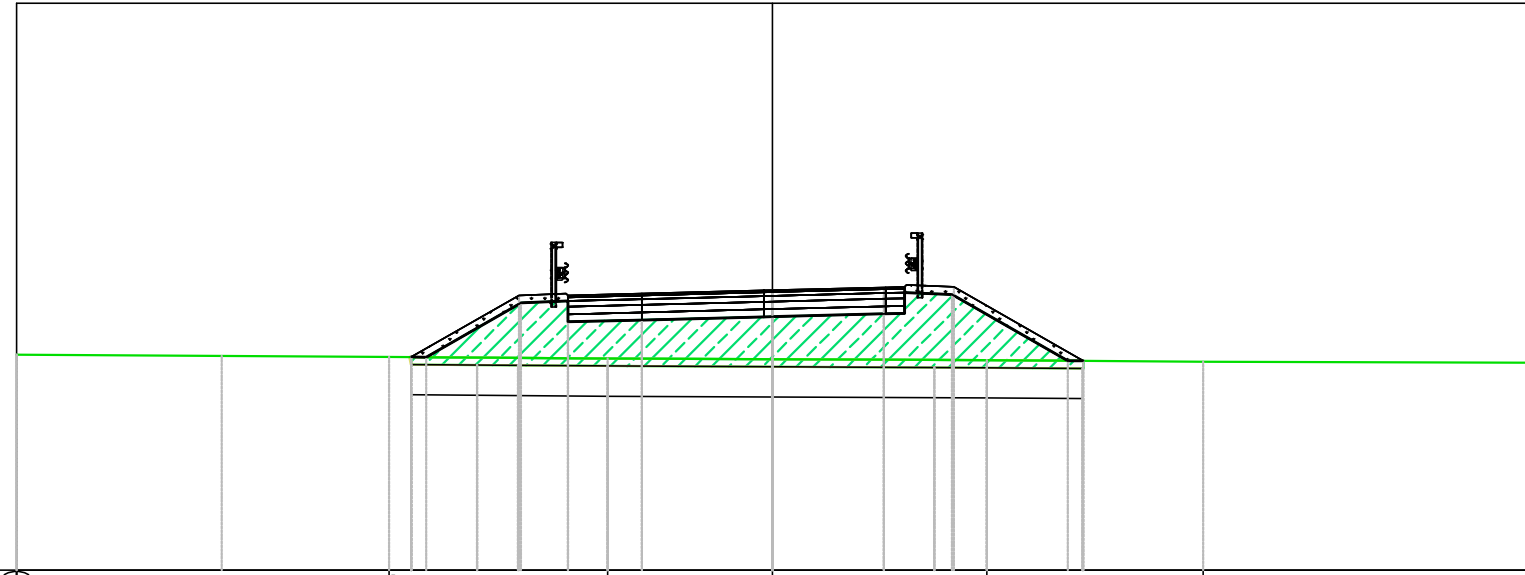
Ramo 4 - IR03
 Sez. 26
 Progr.: 0+260.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| PROGRESSIVE TERRENO | 155.71 | 20.00 | 155.70 | 17.83 | 155.62 | 5.26 | 155.59 | 1.01 | 155.58 | 0.00 | 155.54 | 10.45 | 155.53 | 15.23 | 155.51 | 20.00 |
| QUOTE TERRENO | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | 2.17 | | 12.57 | | 4.25 | | 1.01 | | 10.45 | | 4.79 | | 4.77 | | | |
| PROGRESSIVE PROGETTO | | | 155.64 | -9.30 | 155.66 | -9.28 | 157.33 | -6.34 | 157.34 | -4.73 | 157.38 | -3.18 | 157.46 | | | |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | 2.93 | | 1.24 | | 1.31 | | 2.97 | | 1.44 | | 1.44 | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.04 | 11.16 | 280.12 |
| Binder | 0.69 | 7.44 | 186.75 |
| Bonifica | 14.08 | 138.93 | 2500.79 |
| Fondazione Misto Cementato | 1.38 | 14.88 | 373.49 |
| Fondazione Misto Stabilizzato | 1.38 | 14.88 | 373.49 |
| Riporto | 22.26 | 244.27 | 3158.27 |
| Scotico 20cm | 3.52 | 38.21 | 809.17 |
| Sterro | 0.00 | 0.00 | 138.42 |
| Usura | 0.35 | 3.72 | 93.37 |
| Vegetale rilevato | 1.92 | 19.36 | 347.67 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

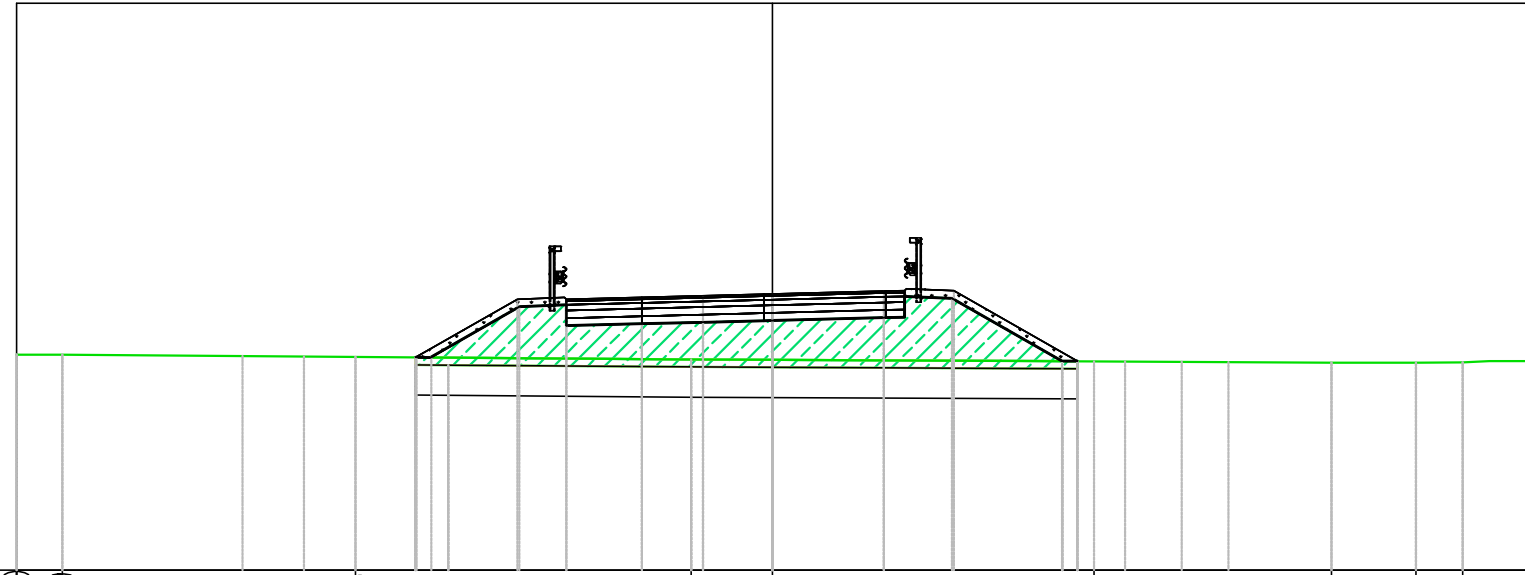
Ramo 4 - IR03
 Sez. 27
 Progr.: 0+270.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--|--------|-------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|------|--------|-------|--------|--------|--------|------|--------|------|
| PROGRESSIVE TERRENO | | 155.70 | 20.00 | | 155.64 | 10.15 | | 155.60 | 4.36 | | 155.58 | | 155.56 | 5.67 | | 155.52 | 11.40 | | 155.49 | 20.00 | | | |
| QUOTE TERRENO | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | | | 9.85 | | | 5.79 | | | 4.36 | | | 5.67 | | 5.73 | | | 8.60 | | | | | | |
| PROGRESSIVE PROGETTO | | | | 155.64 | -9.56 | 155.64 | -9.56 | 157.27 | -6.71 | 157.27 | -5.41 | 157.32 | -3.45 | 157.41 | 0.00 | 157.48 | 2.94 | 157.50 | 3.50 | 157.50 | 4.80 | 155.54 | 8.22 |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | 2.85 | | 1.25 | | 1.96 | | 3.23 | | 2.94 | | 1.24 | | 3.38 | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.34 | 11.84 | 291.96 |
| Binder | 0.89 | 7.89 | 194.64 |
| Bonifica | 14.23 | 141.12 | 2641.91 |
| Fondazione Misto Cementato | 1.78 | 15.79 | 389.28 |
| Fondazione Misto Stabilizzato | 1.78 | 15.79 | 389.28 |
| Riporto | 21.84 | 242.08 | 3400.35 |
| Scotico 20cm | 3.56 | 38.83 | 848.01 |
| Sterro | 0.00 | 0.00 | 138.42 |
| Usura | 0.45 | 3.95 | 97.32 |
| Vegetale rilevato | 1.88 | 18.95 | 366.62 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

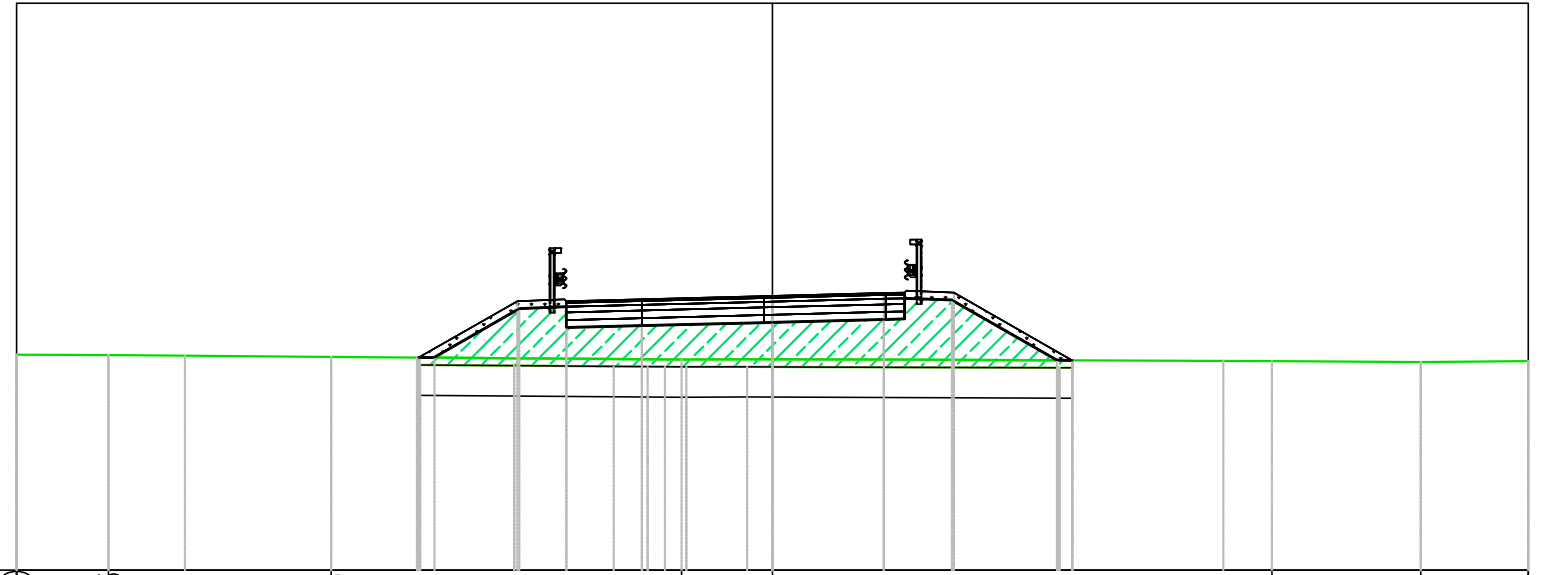
Ramo 4 - IR03
 Sez. 29
 Progr.: 0+290.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|------|--------|------|
| PROGRESSIVE TERRENO | 155.71 | 20.00 | 155.70 | 18.79 | 155.64 | 11.03 | 155.58 | 2.15 | 155.57 | 155.53 | 8.51 | 155.49 | 14.79 | 155.49 | 17.02 | 155.50 | 18.26 | 155.54 | 20.00 | | | | |
| QUOTE TERRENO | 1.21 | 7.76 | 8.88 | 2.15 | 8.51 | 6.28 | 2.23 | 1.24 | 1.03 | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | | | | | | | | | | | | | | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | 155.63 | -9.44 | 155.65 | -9.41 | 157.17 | -6.75 | 157.17 | -5.45 | 157.22 | -3.45 | 157.26 | -1.84 | 157.31 | 157.38 | 2.95 | 157.40 | 3.50 | 157.40 | 4.80 | 155.53 | 8.07 |
| QUOTE PROGETTO | | | 2.66 | 1.25 | 2.00 | 1.61 | 1.61 | 2.95 | 1.24 | 3.22 | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | | | | | | | | | | | | | | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.34 | 13.36 | 318.65 |
| Binder | 0.89 | 8.91 | 212.43 |
| Bonifica | 14.01 | 140.36 | 2923.74 |
| Fondazione Misto Cementato | 1.79 | 17.81 | 424.86 |
| Fondazione Misto Stabilizzato | 1.79 | 17.81 | 424.86 |
| Riporto | 20.34 | 227.82 | 3864.23 |
| Scotico 20cm | 3.50 | 38.60 | 925.53 |
| Sterro | 0.00 | 0.00 | 138.42 |
| Usura | 0.45 | 4.45 | 106.22 |
| Vegetale rilevato | 1.80 | 18.22 | 403.43 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

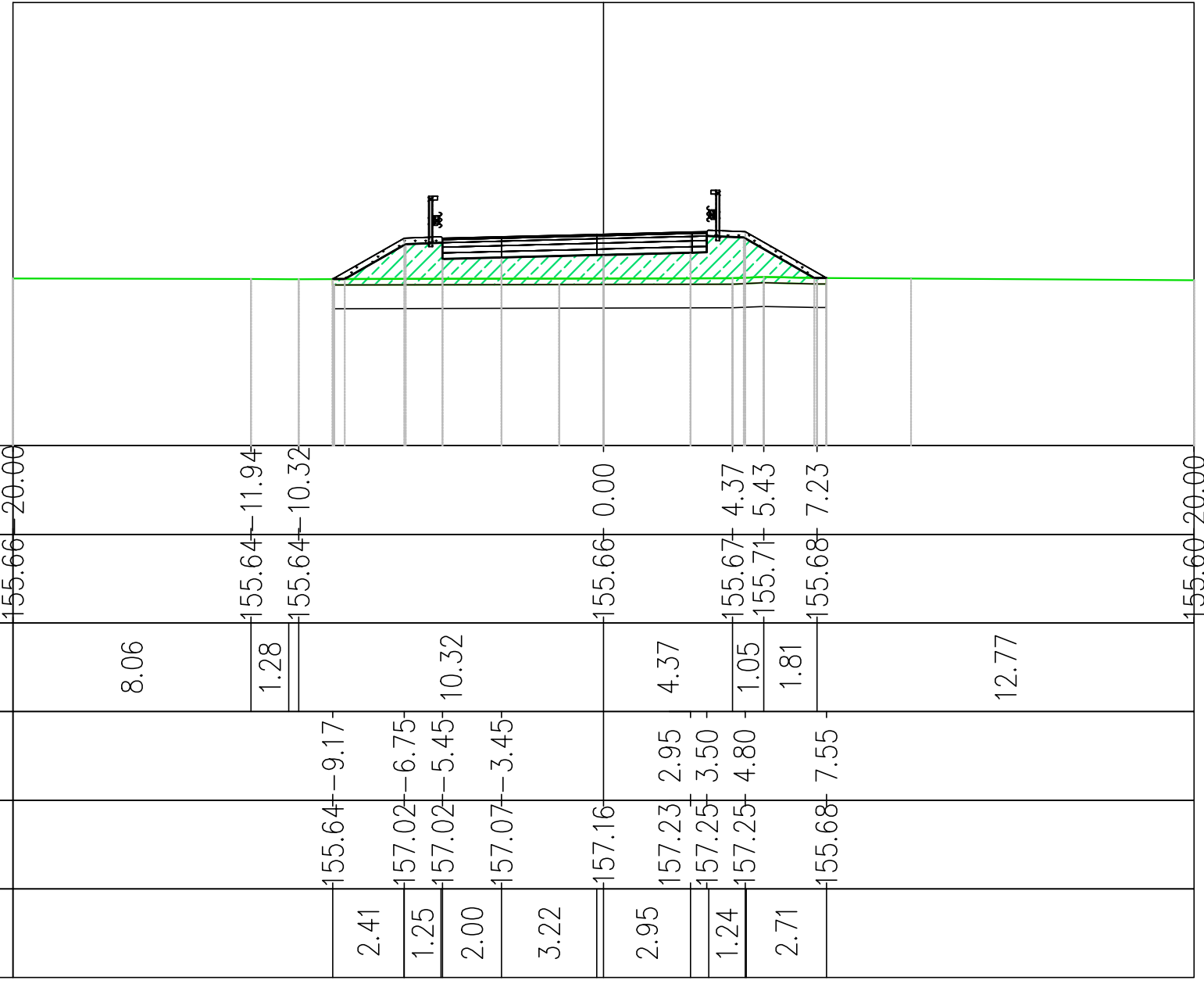
Ramo 4 - IR03
 Sez. 30
 Progr.: 0+300.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|------|--------|------|--------|------|--------|------|
| PROGRESSIVE TERRENO | 155.70 | 20.00 | 155.69 | 17.56 | 155.65 | 11.68 | 155.58 | 2.40 | 155.58 | 0.00 | 155.54 | 13.22 | 155.51 | 17.16 | 155.53 | 20.00 | | | | | | | | |
| QUOTE TERRENO | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | 2.44 | | 5.89 | | | | 9.28 | | 1.73 | | | 13.22 | | 3.94 | | 2.84 | | | | | | | | |
| PROGRESSIVE PROGETTO | | | | | 155.63 | -9.36 | 155.64 | -9.33 | 157.12 | -6.75 | 157.12 | -5.45 | 157.17 | -3.45 | 157.26 | 0.00 | 157.33 | 2.95 | 157.35 | 3.50 | 157.35 | 4.80 | 155.55 | 7.94 |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | 2.58 | | 1.25 | | 2.00 | | 3.22 | | 2.95 | | 1.24 | | 3.10 | | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.34 | 13.36 | 332.01 |
| Binder | 0.89 | 8.91 | 221.34 |
| Bonifica | 13.84 | 138.75 | 3062.49 |
| Fondazione Misto Cementato | 1.79 | 17.81 | 442.67 |
| Fondazione Misto Stabilizzato | 1.79 | 17.81 | 442.67 |
| Riporto | 19.35 | 217.75 | 4081.98 |
| Scotico 20cm | 3.46 | 38.18 | 963.71 |
| Sterro | 0.00 | 0.00 | 138.42 |
| Usura | 0.45 | 4.45 | 110.67 |
| Vegetale rilevato | 1.76 | 17.77 | 421.20 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

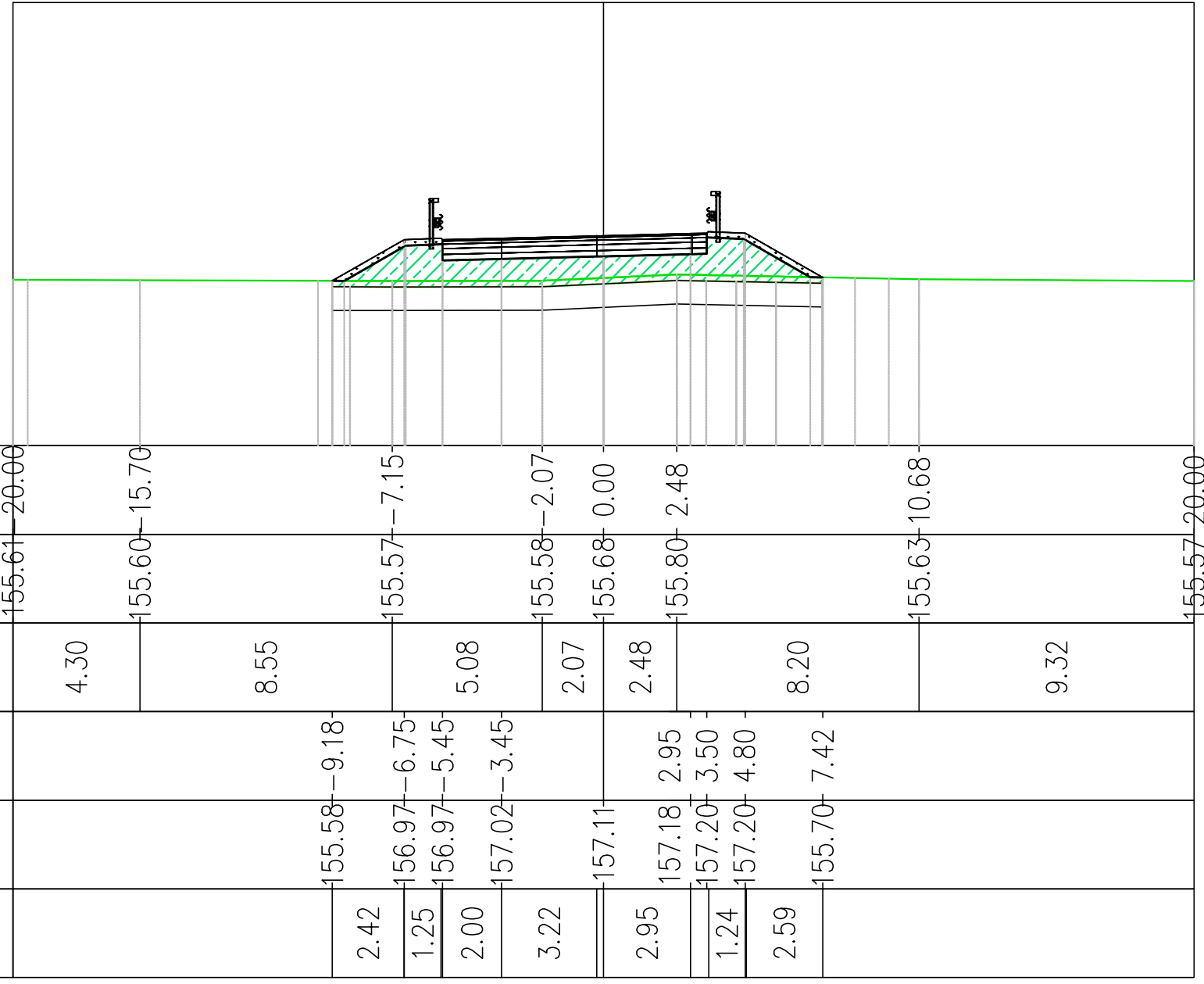
Ramo 4 - IR03
 Sez. 32
 Progr.: 0+320.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|--------|------|--------|------|--------|--------|-------|--------|------|--------|------|--------|------|
| PROGRESSIVE TERRENO | 155.66 | 20.00 | 155.64 | 11.94 | 155.64 | 10.32 | 0.00 | 4.37 | 4.37 | 5.43 | 7.23 | 155.60 | 20.00 | | | | | | |
| QUOTE TERRENO | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | 8.06 | | 1.28 | | | 10.32 | | 4.37 | 1.05 | 1.81 | | 12.77 | | | | | | | |
| PROGRESSIVE PROGETTO | | | 155.64 | 9.17 | 157.02 | 6.75 | 157.02 | 5.45 | 157.07 | 3.45 | 157.16 | 157.23 | 2.95 | 157.25 | 3.50 | 157.25 | 4.80 | 155.68 | 7.55 |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | 2.41 | 1.25 | 2.00 | 3.22 | | 2.95 | 1.24 | 2.71 | | | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.34 | 13.36 | 358.72 |
| Binder | 0.89 | 8.91 | 239.15 |
| Bonifica | 13.37 | 134.24 | 3333.34 |
| Fondazione Misto Cementato | 1.79 | 17.81 | 478.30 |
| Fondazione Misto Stabilizzato | 1.79 | 17.81 | 478.30 |
| Riporto | 16.36 | 186.93 | 4472.26 |
| Scotico 20cm | 3.34 | 36.92 | 1038.23 |
| Sterro | 0.00 | 0.00 | 138.42 |
| Usura | 0.45 | 4.45 | 119.57 |
| Vegetale rilevato | 1.62 | 16.48 | 454.84 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

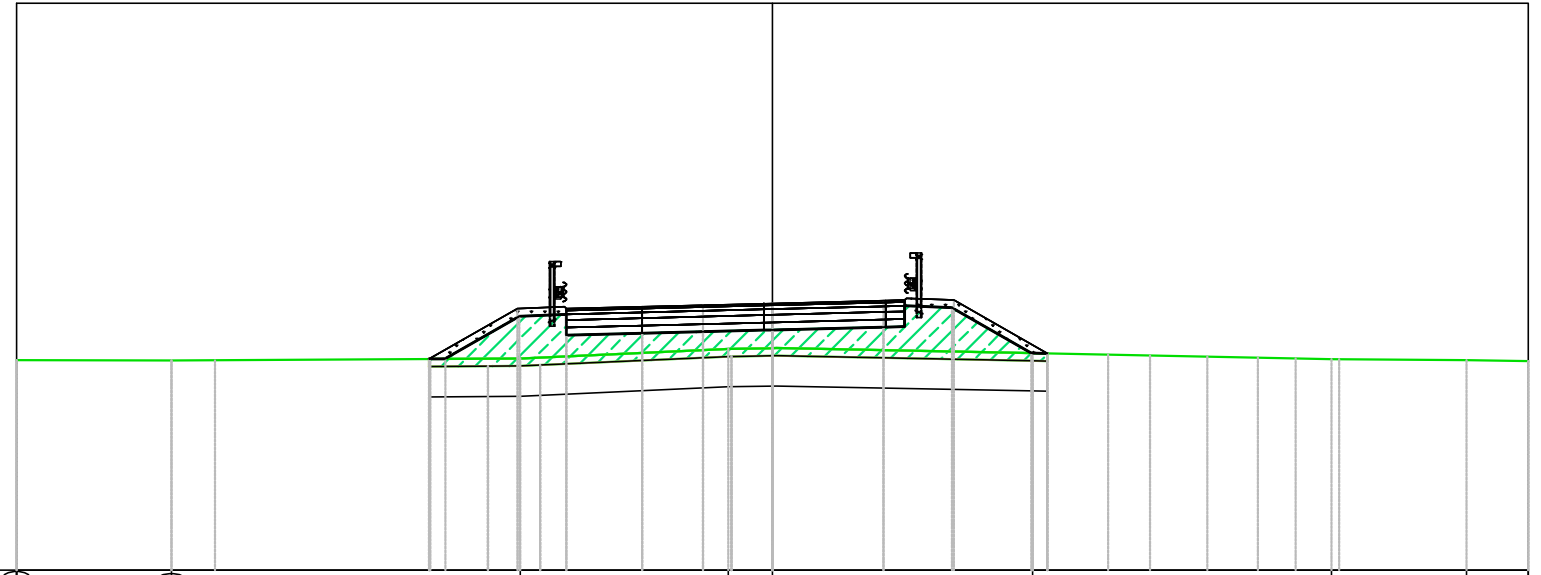
Ramo 4 - IR03
 Sez. 33
 Progr.: 0+330.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|------|--------|------|--------|------|--|
| PROGRESSIVE TERRENO | 155.61 | 20.00 | 155.60 | 15.70 | 155.57 | 7.15 | 155.58 | 2.07 | 155.68 | 0.00 | 155.80 | 2.48 | 155.63 | 10.68 | 155.57 | 20.00 | | | | | | | |
| QUOTE TERRENO | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | | 4.30 | | 8.55 | | 5.08 | | 2.07 | | 2.48 | | 8.20 | | 9.32 | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | | | 155.58 | 9.18 | 156.97 | 6.75 | 156.97 | 5.45 | 157.02 | 3.45 | 157.11 | | 157.18 | 2.95 | 157.20 | 3.50 | 157.20 | 4.80 | 155.70 | 7.42 | |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | | 2.42 | | 1.25 | | 2.00 | | 3.22 | | 2.95 | | 1.24 | | 2.59 | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.34 | 13.36 | 372.08 |
| Binder | 0.89 | 8.91 | 248.05 |
| Bonifica | 13.29 | 132.73 | 3466.07 |
| Fondazione Misto Cementato | 1.79 | 17.81 | 496.11 |
| Fondazione Misto Stabilizzato | 1.79 | 17.81 | 496.11 |
| Riporto | 15.55 | 174.86 | 4647.12 |
| Scotico 20cm | 3.32 | 36.50 | 1074.73 |
| Sterro | 0.00 | 0.00 | 138.42 |
| Usura | 0.45 | 4.45 | 124.03 |
| Vegetale rilevato | 1.59 | 16.02 | 470.87 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

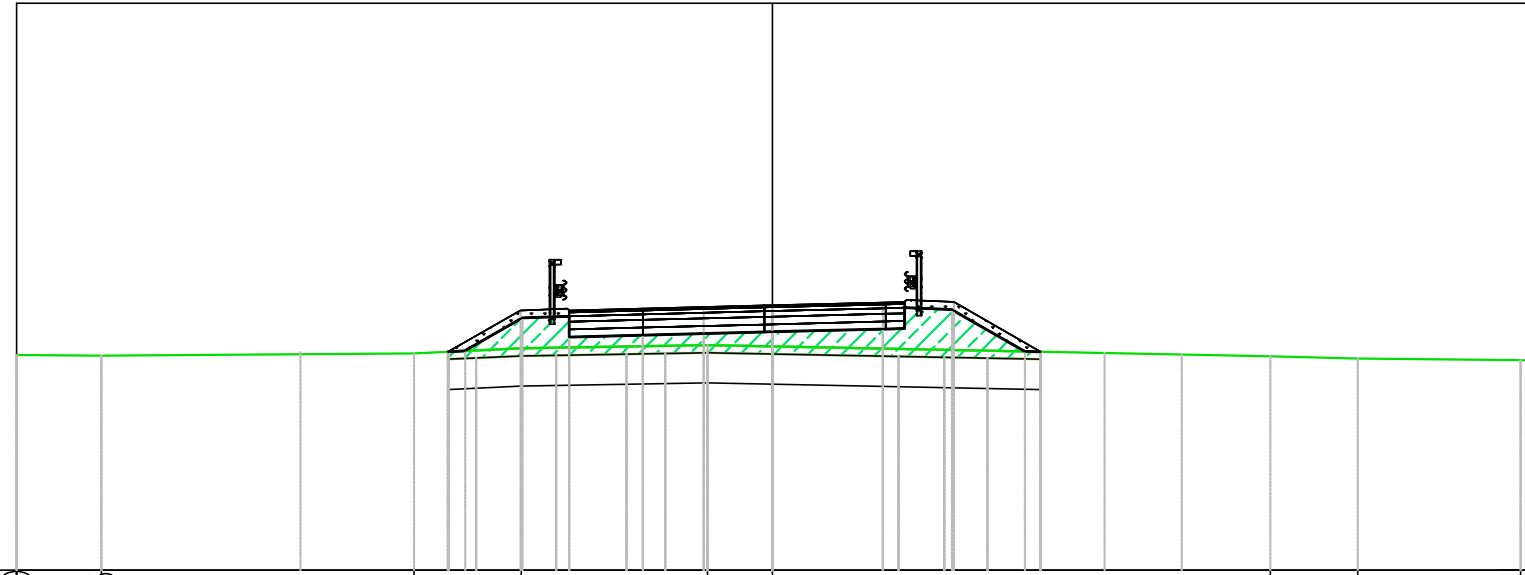
Ramo 4 - IR03
 Sez. 34
 Progr.: 0+340.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|--------|------|--------|------|--------|------|--|
| PROGRESSIVE TERRENO | 155.56 | 20.00 | 155.55 | 15.90 | 155.60 | 6.67 | 155.86 | 1.17 | 155.87 | 0.00 | 155.74 | 6.88 | 155.59 | 14.79 | 155.56 | 18.37 | 155.54 | 20.00 | | | | | | | |
| QUOTE TERRENO | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | 4.10 | | 9.23 | | 5.50 | | 1.17 | | 6.78 | | 7.91 | | 3.57 | | 1.63 | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | 155.59 | 9.08 | 155.60 | 9.05 | 156.92 | 6.75 | 156.92 | 5.45 | 156.97 | 3.45 | 157.01 | 1.84 | 157.06 | | 157.13 | 2.94 | 157.15 | 3.50 | 157.15 | 4.80 | 155.73 | 7.27 | |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | 2.30 | | 1.25 | | 2.00 | | 1.61 | | 1.61 | | 2.94 | | 1.23 | | 2.43 | | | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.34 | 13.36 | 385.44 |
| Binder | 0.89 | 8.91 | 256.96 |
| Bonifica | 13.08 | 131.26 | 3597.34 |
| Fondazione Misto Cementato | 1.79 | 17.81 | 513.92 |
| Fondazione Misto Stabilizzato | 1.79 | 17.81 | 513.92 |
| Riporto | 13.18 | 157.33 | 4804.45 |
| Scotico 20cm | 3.27 | 36.10 | 1110.82 |
| Sterro | 0.00 | 0.00 | 138.42 |
| Usura | 0.45 | 4.45 | 128.48 |
| Vegetale rilevato | 1.54 | 15.59 | 486.46 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

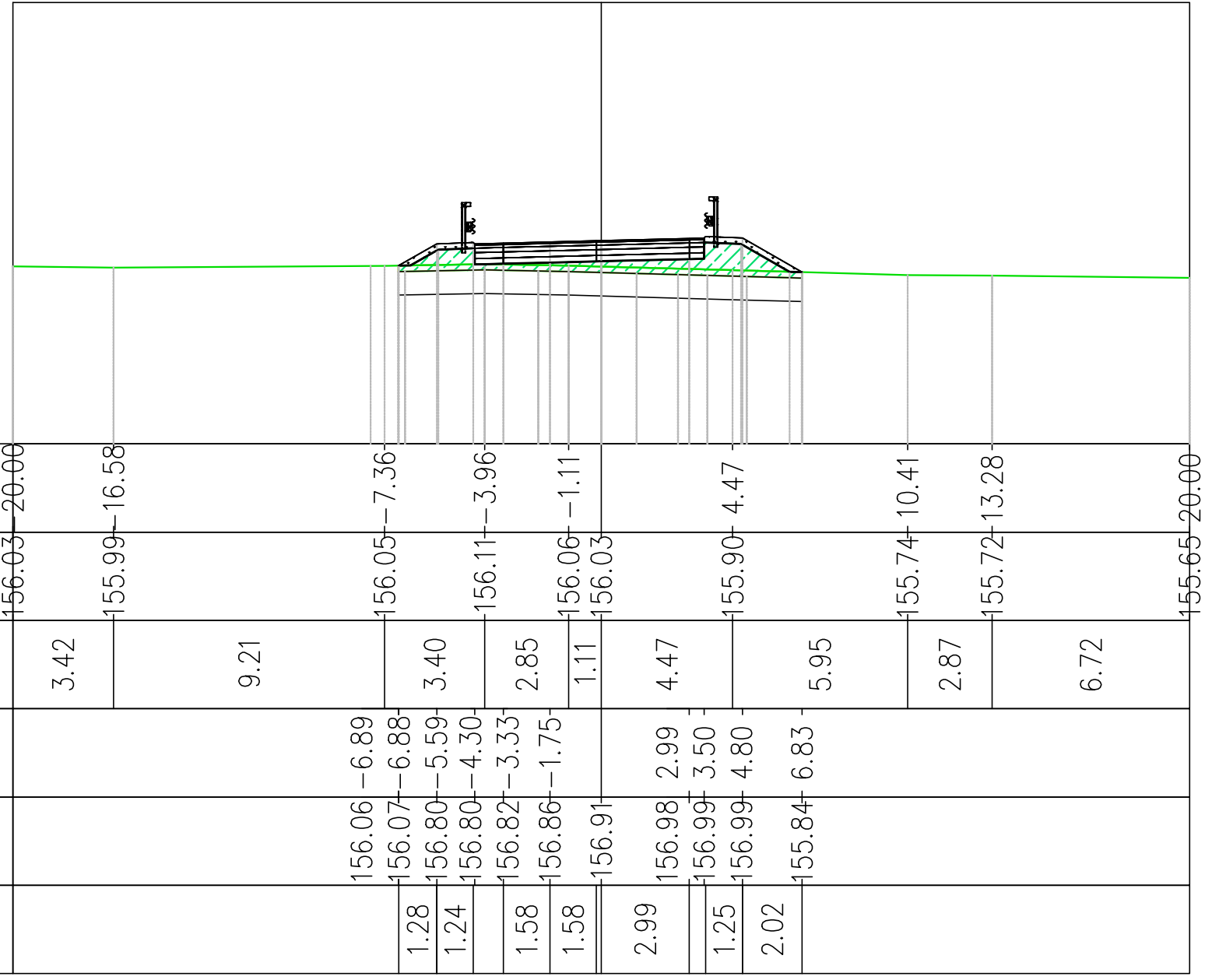
Ramo 4 - IR03
 Sez. 35
 Progr.: 0+350.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|--------|------|--------|------|--------|------|--------|------|
| PROGRESSIVE TERRENO | 155.70 | 20.00 | 155.68 | 17.75 | 155.74 | 9.48 | 155.87 | 6.64 | 155.96 | 1.72 | 155.92 | 0.00 | 155.66 | 13.18 | 155.60 | 15.49 | 155.56 | 19.80 | | | | | | | |
| QUOTE TERRENO | 2.25 | 8.27 | 2.84 | 4.93 | 1.72 | 13.18 | 2.31 | 4.31 | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | | | | | | | | | | | | | | | | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | 155.78 | 8.58 | 155.80 | 8.56 | 156.87 | 6.67 | 156.87 | 5.37 | 156.90 | 4.40 | 156.92 | 3.43 | 156.96 | 1.82 | 157.01 | 157.08 | 2.92 | 157.10 | 3.50 | 157.10 | 4.80 | 155.78 | 7.10 |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | 1.88 | 1.24 | 0.97 | 0.97 | 1.61 | 1.61 | 2.92 | 1.23 | 2.25 | | | | | | | | | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.33 | 13.30 | 398.74 |
| Binder | 0.89 | 8.87 | 265.83 |
| Bonifica | 12.55 | 127.61 | 3724.95 |
| Fondazione Misto Cementato | 1.77 | 17.74 | 531.66 |
| Fondazione Misto Stabilizzato | 1.77 | 17.74 | 531.66 |
| Riporto | 10.44 | 129.53 | 4933.98 |
| Scotico 20cm | 3.14 | 35.09 | 1145.92 |
| Sterro | 0.00 | 0.00 | 138.42 |
| Usura | 0.44 | 4.43 | 132.91 |
| Vegetale rilevato | 1.40 | 14.61 | 501.07 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

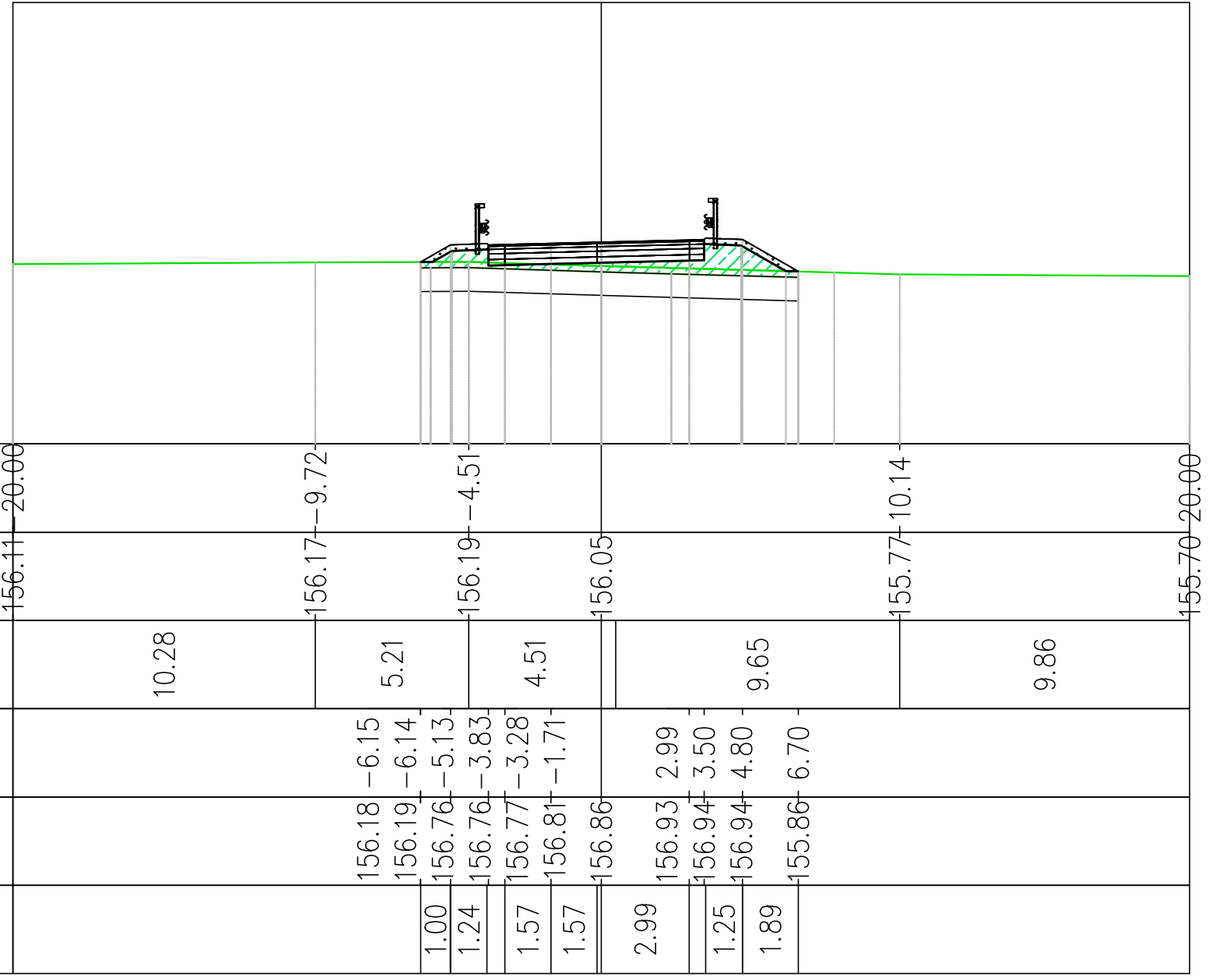
Ramo 4 - IR03
 Sez. 37
 Progr.: 0+370.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|------|--------|------|--------|------|
| PROGRESSIVE TERRENO | 156.03 | 20.00 | 155.99 | 16.58 | 156.05 | 7.36 | 156.11 | 3.96 | 156.06 | 1.11 | 156.03 | 155.90 | 4.47 | 155.74 | 10.41 | 155.72 | 13.28 | 155.65 | 20.00 | | | | | | |
| QUOTE TERRENO | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | 3.42 | | 9.21 | | 3.40 | | 2.85 | | 1.11 | | 4.47 | | 5.95 | | 2.87 | | 6.72 | | | | | | | | |
| PROGRESSIVE PROGETTO | | | | | 156.06 | -6.89 | 156.07 | -6.88 | 156.80 | -5.59 | 156.80 | -4.30 | 156.82 | -3.33 | 156.86 | -1.75 | 156.91 | 156.98 | 2.99 | 156.99 | 3.50 | 156.99 | 4.80 | 155.84 | 6.83 |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | 1.28 | | 1.24 | | 1.58 | | 1.58 | | 2.99 | | 1.25 | | 2.02 | | | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.17 | 12.13 | 423.78 |
| Binder | 0.78 | 8.09 | 282.52 |
| Bonifica | 10.98 | 113.54 | 3959.65 |
| Fondazione Misto Cementato | 1.56 | 16.17 | 565.05 |
| Fondazione Misto Stabilizzato | 1.56 | 16.17 | 565.05 |
| Riporto | 6.82 | 83.85 | 5121.42 |
| Scotico 20cm | 2.74 | 31.22 | 1210.46 |
| Sterro | 0.00 | 0.00 | 138.42 |
| Usura | 0.39 | 4.04 | 141.26 |
| Vegetale rilevato | 1.19 | 12.35 | 526.75 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

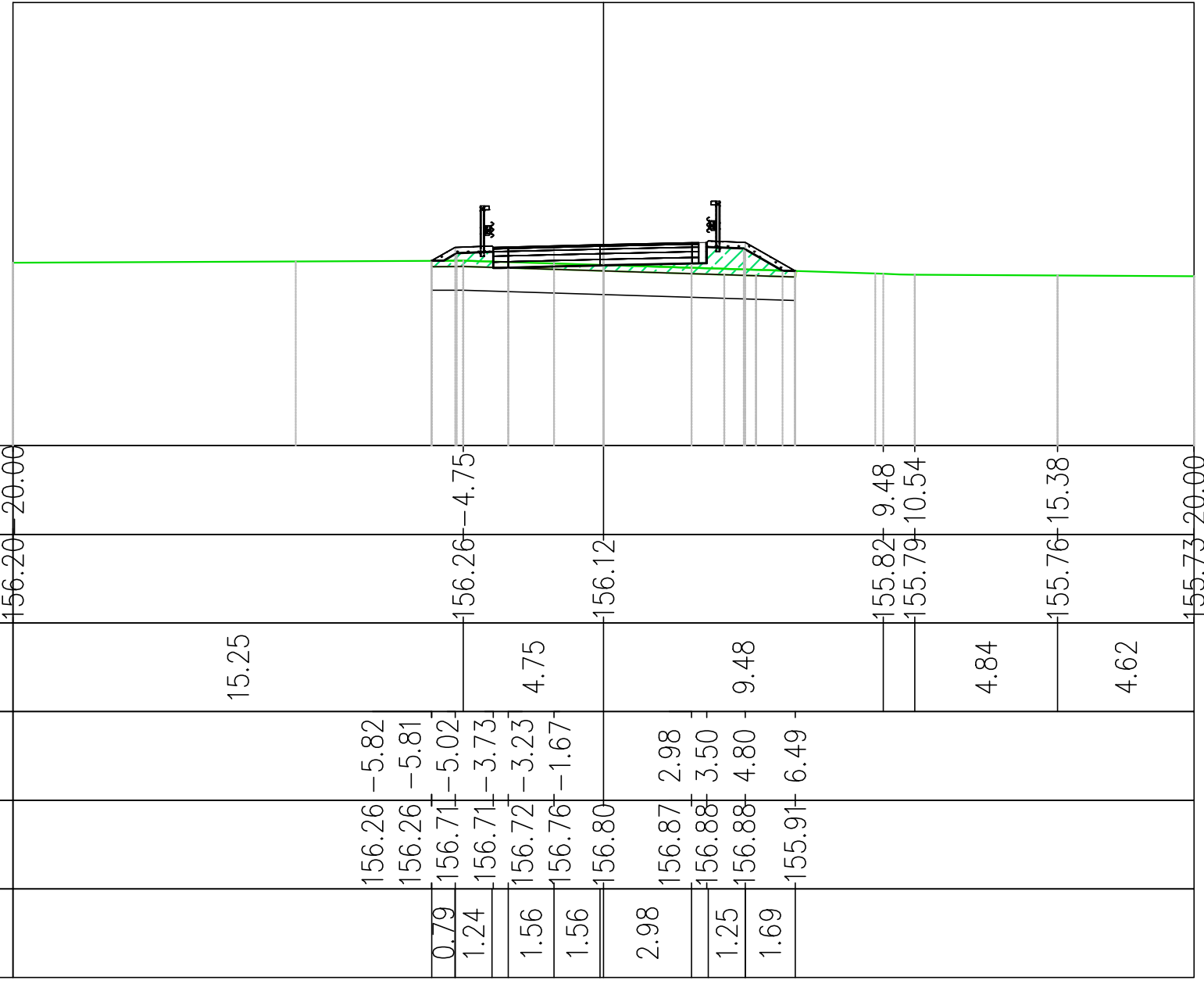
Ramo 4 - IR03
 Sez. 38
 Progr.: 0+380.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|-------|--------|------|--------|--------|--------|-------|--------|-------|--------|-------|--------|--------|--------|-------|--------|--|--------|------|--------|------|--------|------|--------|------|
| PROGRESSIVE TERRENO | 156.11 | 20.00 | | 156.17 | 9.72 | | 156.19 | 4.51 | | 156.05 | | 155.77 | 10.14 | | 155.70 | 20.00 | | | | | | | | | | | |
| QUOTE TERRENO | | | 10.28 | | | 5.21 | | | 4.51 | | | 9.65 | | | 9.86 | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | | | | 156.18 | -6.15 | 156.19 | -6.14 | 156.76 | -5.13 | 156.76 | -3.83 | 156.77 | -3.28 | 156.81 | -1.71 | 156.86 | | 156.93 | 2.99 | 156.94 | 3.50 | 156.94 | 4.80 | 155.86 | 6.70 |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | | | | 1.00 | | 1.24 | | 1.57 | | 1.57 | | 2.99 | | | | | | 1.25 | | 1.89 | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.10 | 11.34 | 435.12 |
| Binder | 0.73 | 7.56 | 290.08 |
| Bonifica | 10.28 | 106.31 | 4065.96 |
| Fondazione Misto Cementato | 1.47 | 15.11 | 580.16 |
| Fondazione Misto Stabilizzato | 1.47 | 15.11 | 580.16 |
| Riporto | 5.60 | 68.54 | 5189.96 |
| Scotico 20cm | 2.57 | 29.23 | 1239.70 |
| Sterro | 0.00 | 0.00 | 138.42 |
| Usura | 0.37 | 3.78 | 145.04 |
| Vegetale rilevato | 1.10 | 11.49 | 538.24 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

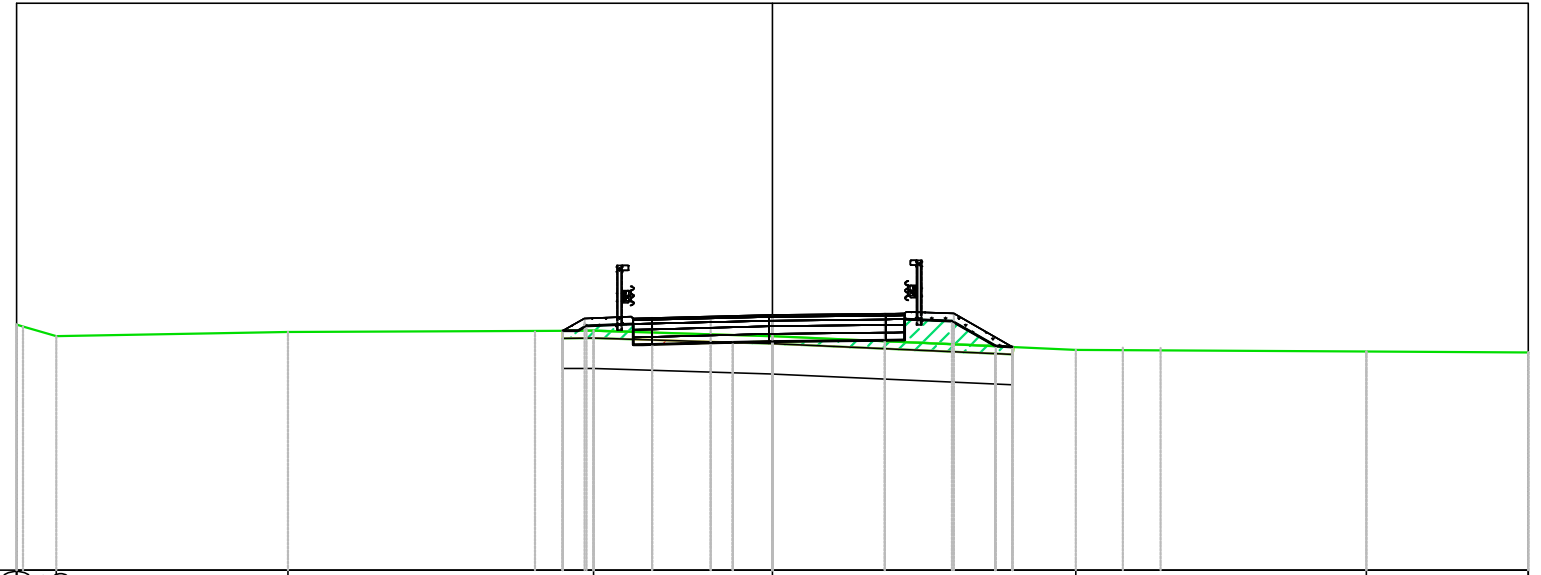
Ramo 4 - IR03
 Sez. 39
 Progr.: 0+390.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|------|--------|------|--------|------|
| PROGRESSIVE TERRENO | 156.20 | 20.00 | | 156.26 | 4.75 | | 156.12 | | 155.82 | 9.48 | 155.79 | 10.54 | 155.76 | 15.38 | 155.73 | 20.00 | | | | | | | | |
| QUOTE TERRENO | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | | 15.25 | | | 4.75 | | | 9.48 | | | 4.84 | | 4.62 | | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | | 156.26 | -5.82 | 156.26 | -5.81 | 156.71 | -5.02 | 156.71 | -3.73 | 156.72 | -3.23 | 156.76 | -1.67 | 156.80 | 156.87 | 2.98 | 156.88 | 3.50 | 156.88 | 4.80 | 155.91 | 6.49 |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | | 0.79 | | 1.24 | | 1.56 | | 1.56 | | 2.98 | | 1.25 | | 1.69 | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.05 | 10.73 | 445.85 |
| Binder | 0.70 | 7.15 | 297.23 |
| Bonifica | 9.85 | 100.73 | 4166.69 |
| Fondazione Misto Cementato | 1.40 | 14.30 | 594.46 |
| Fondazione Misto Stabilizzato | 1.40 | 14.30 | 594.46 |
| Riporto | 4.10 | 53.57 | 5243.53 |
| Scotico 20cm | 2.47 | 27.73 | 1267.43 |
| Sterro | 0.00 | 0.02 | 138.44 |
| Usura | 0.35 | 3.58 | 148.62 |
| Vegetale rilevato | 1.00 | 10.53 | 548.77 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

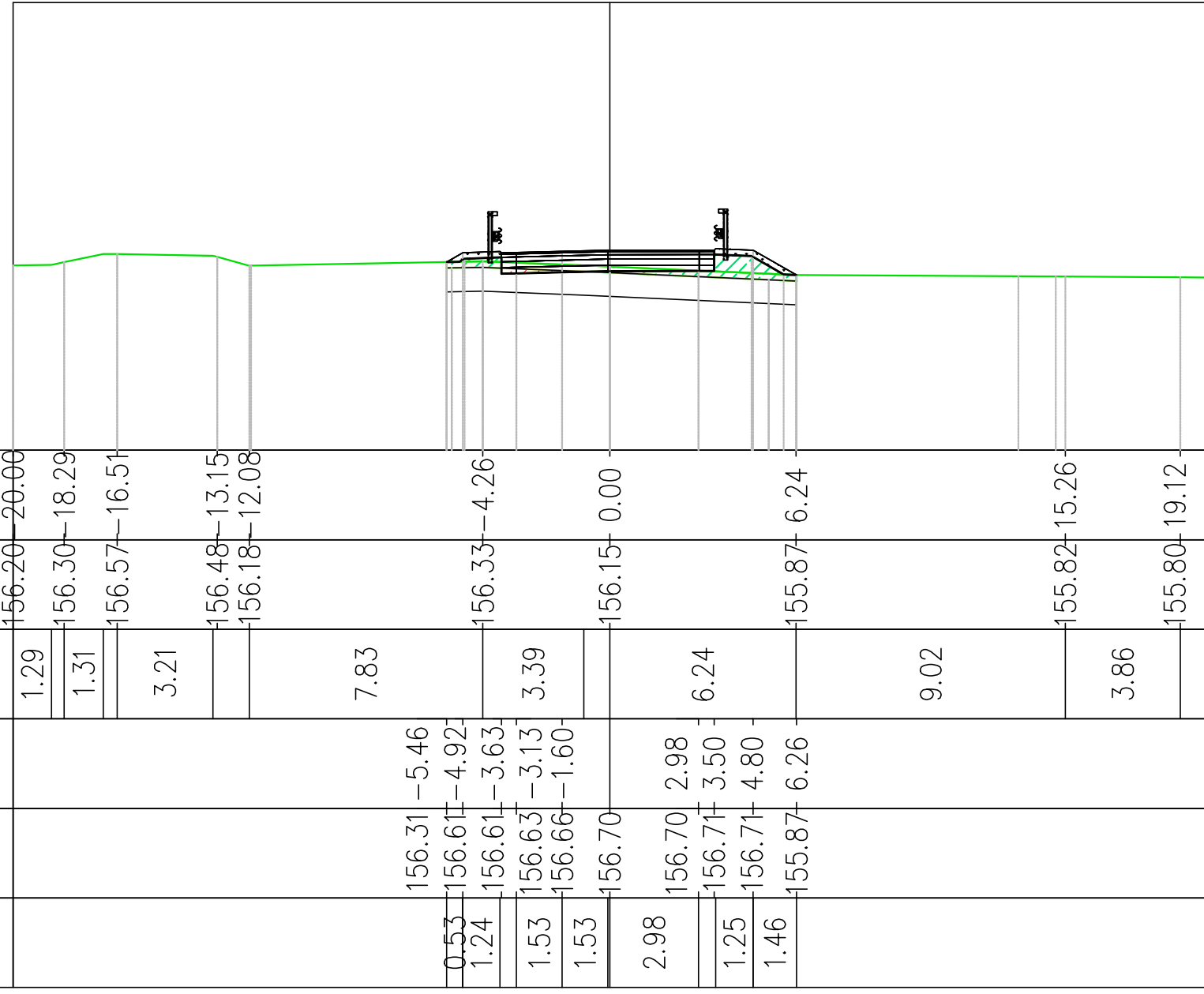
Ramo 4 - IR03
 Sez. 40
 Progr.: 0+400.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|------|--------|------|--------|------|--------|------|--|
| PROGRESSIVE TERRENO | 156.50 | 20.00 | 156.20 | 18.95 | 156.30 | 12.81 | 156.34 | 4.73 | 156.19 | 155.83 | 8.03 | 155.79 | 15.71 | 155.76 | 20.00 | | | | | | | | | | | | | |
| QUOTE TERRENO | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | | 6.13 | | | 8.08 | | | 4.64 | | 8.03 | | 7.69 | | 4.29 | | | | | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | | | | | 156.34 | -5.55 | 156.34 | -5.54 | 156.66 | -4.97 | 156.66 | -3.68 | 156.68 | -3.18 | 156.71 | -1.63 | 156.75 | 156.79 | 2.98 | 156.79 | 3.50 | 156.79 | 4.80 | 155.91 | 6.35 | |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | | | | 0.57 | 1.24 | 1.54 | 1.54 | 2.98 | 1.25 | 1.54 | | | | | | | | | | | | | | |

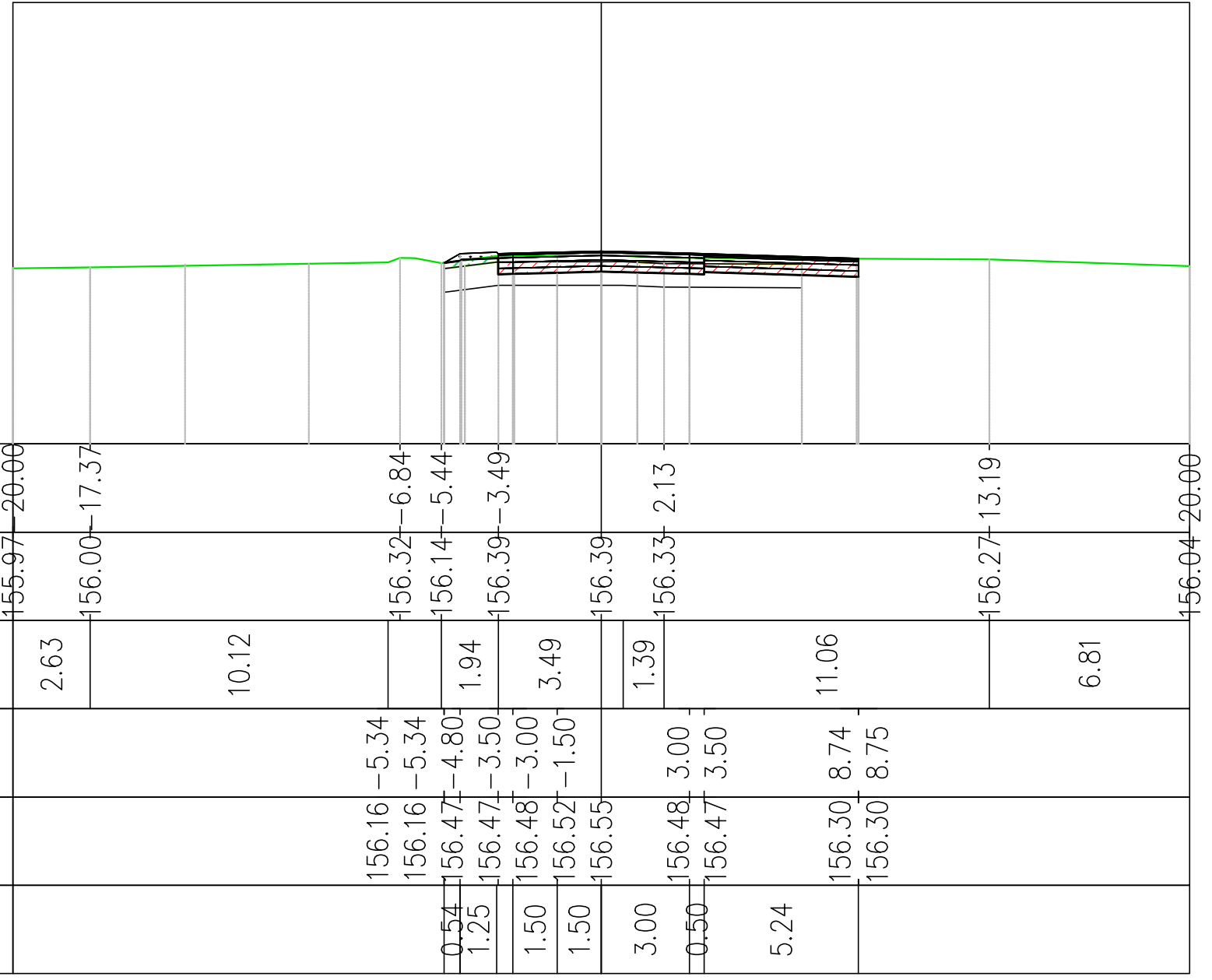
| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.08 | 10.62 | 456.46 |
| Binder | 0.72 | 7.08 | 304.31 |
| Bonifica | 9.52 | 96.94 | 4263.63 |
| Fondazione Misto Cementato | 1.44 | 14.15 | 608.62 |
| Fondazione Misto Stabilizzato | 1.44 | 14.15 | 608.62 |
| Riporto | 2.87 | 38.47 | 5282.00 |
| Scotico 20cm | 2.38 | 26.71 | 1294.14 |
| Sterro | 0.19 | 1.15 | 139.58 |
| Usura | 0.36 | 3.54 | 152.15 |
| Vegetale rilevato | 0.91 | 9.60 | 558.37 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

Ramo 4 - IR03
 Sez. 41
 Progr.: 0+410.00
 Q.Rif. : 150.00



| TABELLA MATERIALI - pk. 0+410.00 | | | |
|-------------------------------------|------------------------|------------------------|-----------------------------|
| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
| Base | 1.07 | 10.73 | 467.19 |
| Binder | 0.71 | 7.15 | 311.46 |
| Bonifica | 9.38 | 94.58 | 4358.21 |
| Fondazione Misto Cementato | 1.43 | 14.31 | 622.92 |
| Fondazione Misto Stabilizzato | 1.43 | 14.31 | 622.92 |
| Riporto | 2.56 | 29.97 | 5311.97 |
| Scotico 20cm | 2.35 | 26.04 | 1320.18 |
| Sterro | 0.27 | 2.77 | 142.35 |
| Usura | 0.36 | 3.58 | 155.73 |
| Vegetale rilevato | 0.89 | 9.02 | 567.39 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

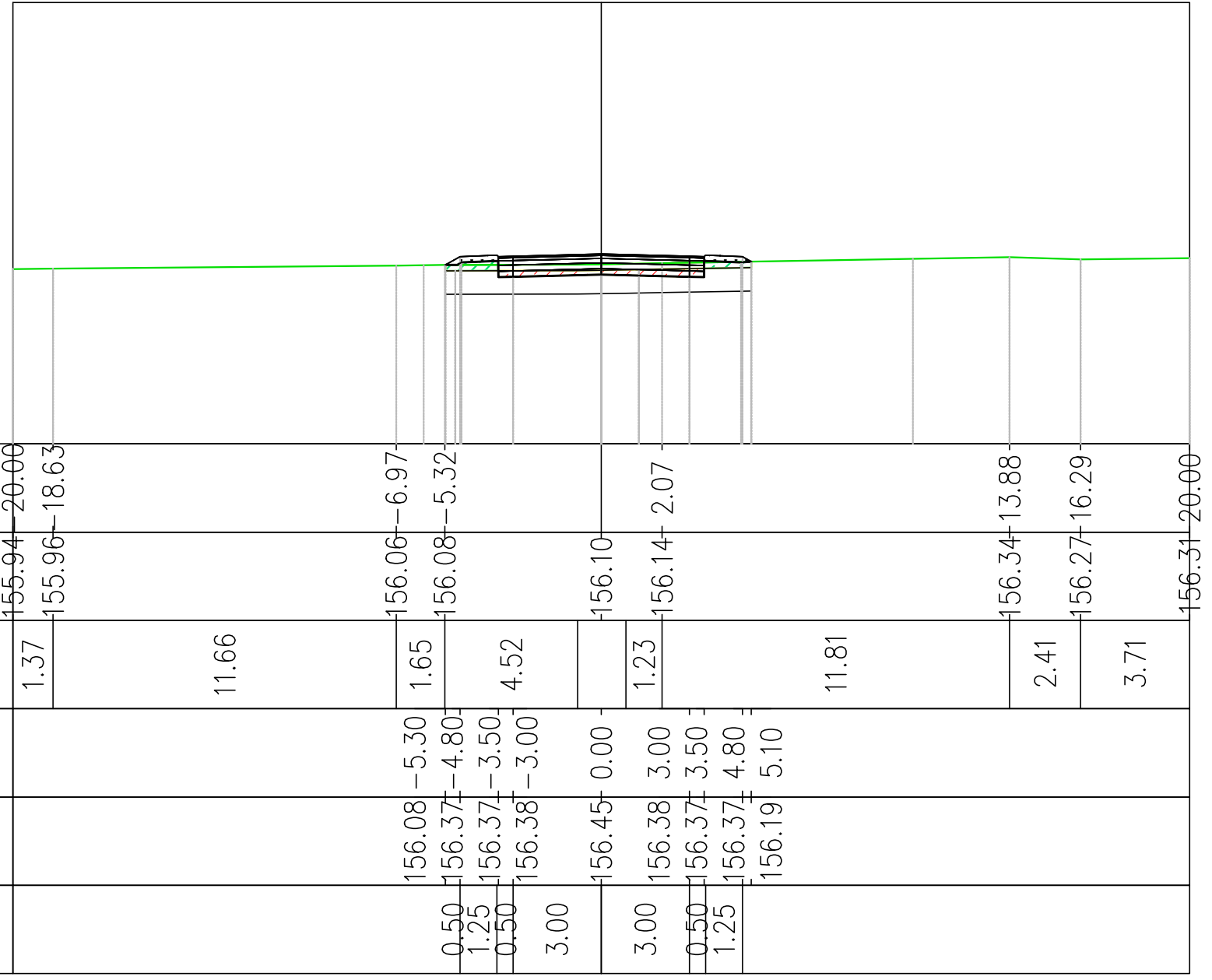
Ramo 4 - IR03
 Sez. 44
 Progr.: 0+440.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--|--|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--|
| PROGRESSIVE TERRENO | 155.97 | 20.00 | 156.00 | 17.37 | | | 156.32 | 6.84 | 156.14 | 5.44 | 156.39 | 3.49 | 156.39 | | 156.33 | 2.13 | 156.27 | 13.19 | 156.04 | 20.00 | |
| QUOTE TERRENO | 2.63 | | 10.12 | | | | 1.94 | | 3.49 | | 1.39 | | | | 11.06 | | 6.81 | | | | |
| DISTANZE PARZIALI TERRENO | | | | | | | | | | | | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | | | | | 156.16 | -5.34 | 156.16 | -5.34 | 156.47 | -4.80 | 156.47 | -3.50 | 156.48 | -3.00 | 156.52 | -1.50 | 156.55 | | |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | | | | | | | | | | | | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.68 | 13.90 | 509.10 |
| Binder | 1.02 | 8.70 | 337.71 |
| Bonifica | 9.73 | 90.52 | 4638.13 |
| Fondazione Misto Cementato | 2.45 | 19.66 | 682.18 |
| Fondazione Misto Stabilizzato | 2.45 | 19.66 | 682.18 |
| Riporto | 0.35 | 2.93 | 5346.71 |
| Scotico 20cm | 2.43 | 24.89 | 1397.15 |
| Sterro | 4.78 | 47.81 | 237.78 |
| Usura | 0.61 | 4.92 | 170.55 |
| Vegetale rilevato | 0.33 | 4.47 | 583.97 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

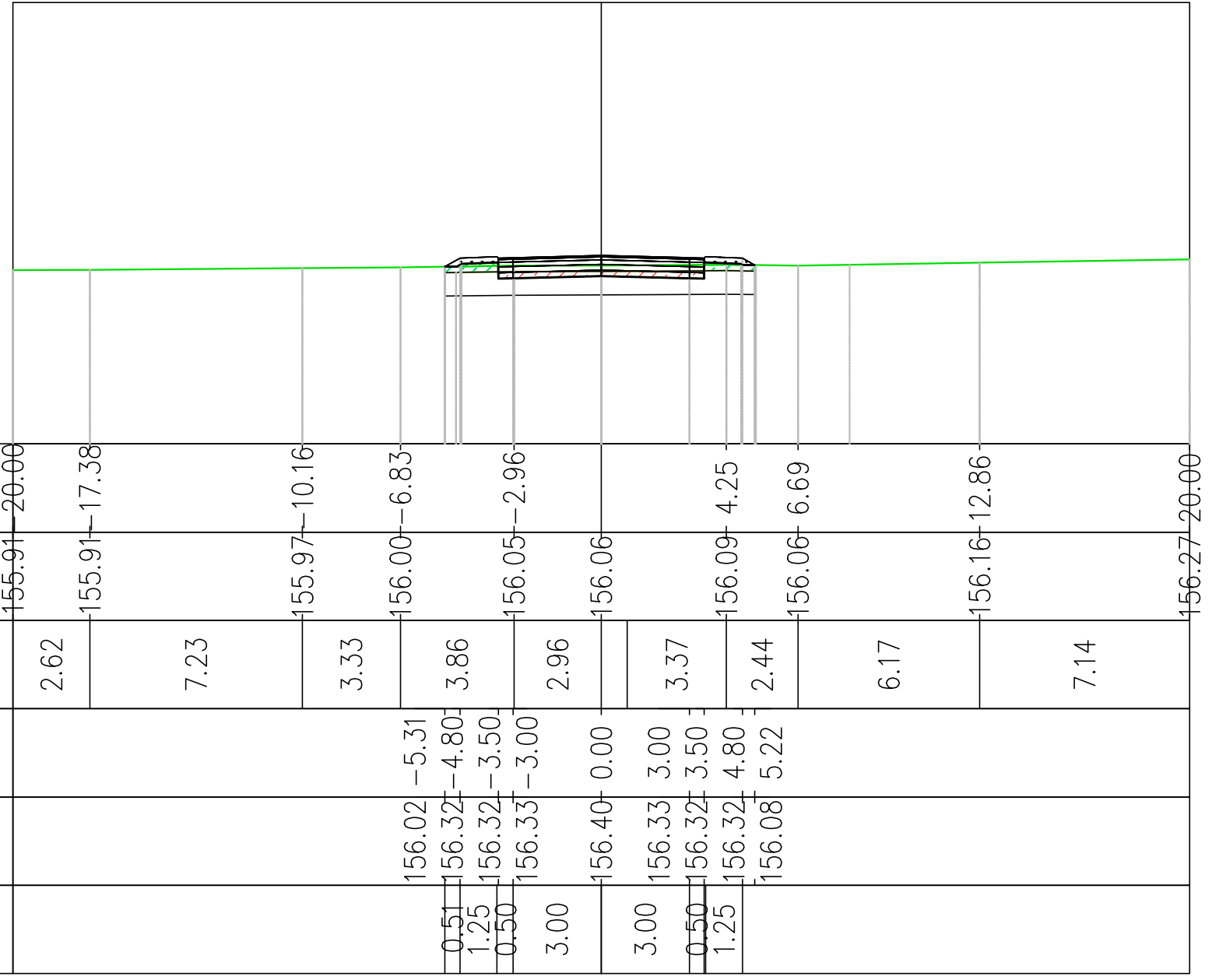
Ramo 4 - IR03
 Sez. 46
 Progr.: 0+460.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|-------|--|--|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|------|--------|------|--------|-------|--------|------|
| PROGRESSIVE TERRENO | 155.94 | 20.00 | | | | 156.06 | 6.97 | | | | | | | 156.34 | 13.88 | | | | | 156.31 | 20.00 | | |
| QUOTE TERRENO | 155.96 | 18.63 | | | | 156.08 | 5.32 | | | | | 156.10 | 2.07 | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | 1.37 | | 11.66 | | | 1.65 | | 4.52 | | | | 1.23 | | 11.81 | | | 2.41 | | | 3.71 | | | |
| PROGRESSIVE PROGETTO | | | | | | 156.08 | 5.30 | 156.37 | 4.80 | 156.37 | 3.50 | 156.38 | 3.00 | 156.45 | 0.00 | 156.38 | 3.00 | 156.37 | 3.50 | 156.37 | 4.80 | 156.19 | 5.10 |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | | 0.50 | | 1.25 | | 0.50 | | 3.00 | | | | 3.00 | | 0.50 | | 1.25 | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.05 | 10.50 | 533.25 |
| Binder | 0.70 | 7.00 | 353.28 |
| Bonifica | 8.32 | 82.36 | 4809.89 |
| Fondazione Misto Cementato | 1.40 | 14.00 | 715.43 |
| Fondazione Misto Stabilizzato | 1.40 | 14.00 | 715.43 |
| Riporto | 0.83 | 7.98 | 5360.00 |
| Scotico 20cm | 2.08 | 22.65 | 1444.39 |
| Sterro | 1.43 | 20.33 | 298.59 |
| Usura | 0.35 | 3.50 | 178.86 |
| Vegetale rilevato | 0.62 | 6.05 | 594.61 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

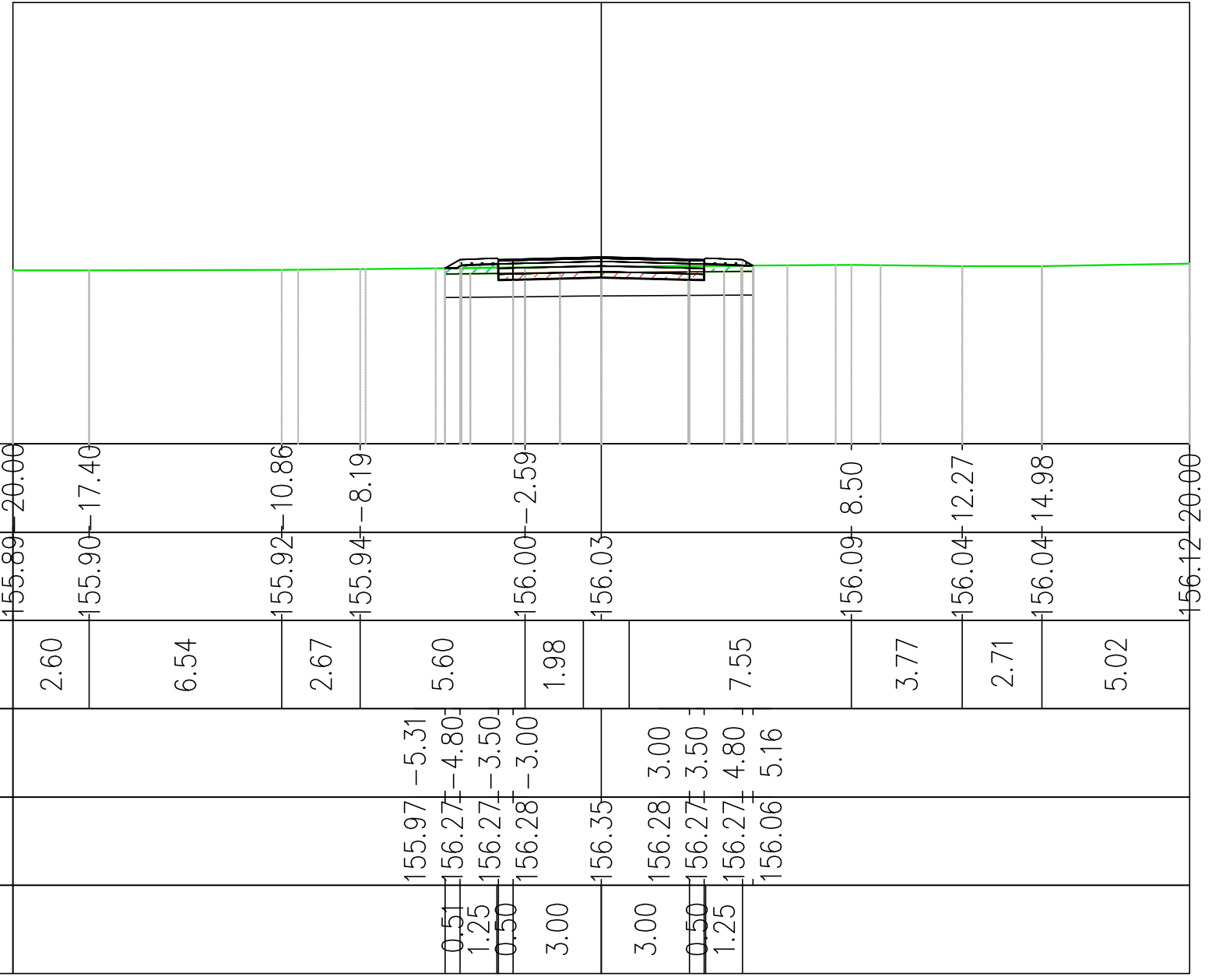
Ramo 4 - IR03
 Sez. 47
 Progr.: 0+470.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--|--------|-------|--------|-------|------|--------|-------|--------|-------|--------|-------|--------|------|--------|--------|--------|--------|--------|------|--------|------|
| PROGRESSIVE TERRENO | 155.91 | 20.00 | 155.91 | 17.38 | | 155.97 | 10.16 | 156.00 | 6.83 | | 156.05 | 2.96 | 156.06 | | 156.09 | 4.25 | 156.06 | 6.69 | | 156.16 | 12.86 | 156.27 | 20.00 | | | |
| QUOTE TERRENO | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | 2.62 | | 7.23 | | | 3.33 | | 3.86 | | 2.96 | | | 3.37 | | 2.44 | | 6.17 | | | 7.14 | | | | | | |
| PROGRESSIVE PROGETTO | | | | | | | | 156.02 | -5.31 | | 156.32 | -4.80 | 156.32 | -3.50 | 156.33 | -3.00 | 156.40 | 0.00 | 156.33 | 3.00 | 156.32 | 3.50 | 156.32 | 4.80 | 156.08 | 5.22 |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | | | | 0.51 | | 1.25 | | 0.50 | | 3.00 | | 3.00 | | 0.50 | | 1.25 | | | | | | |

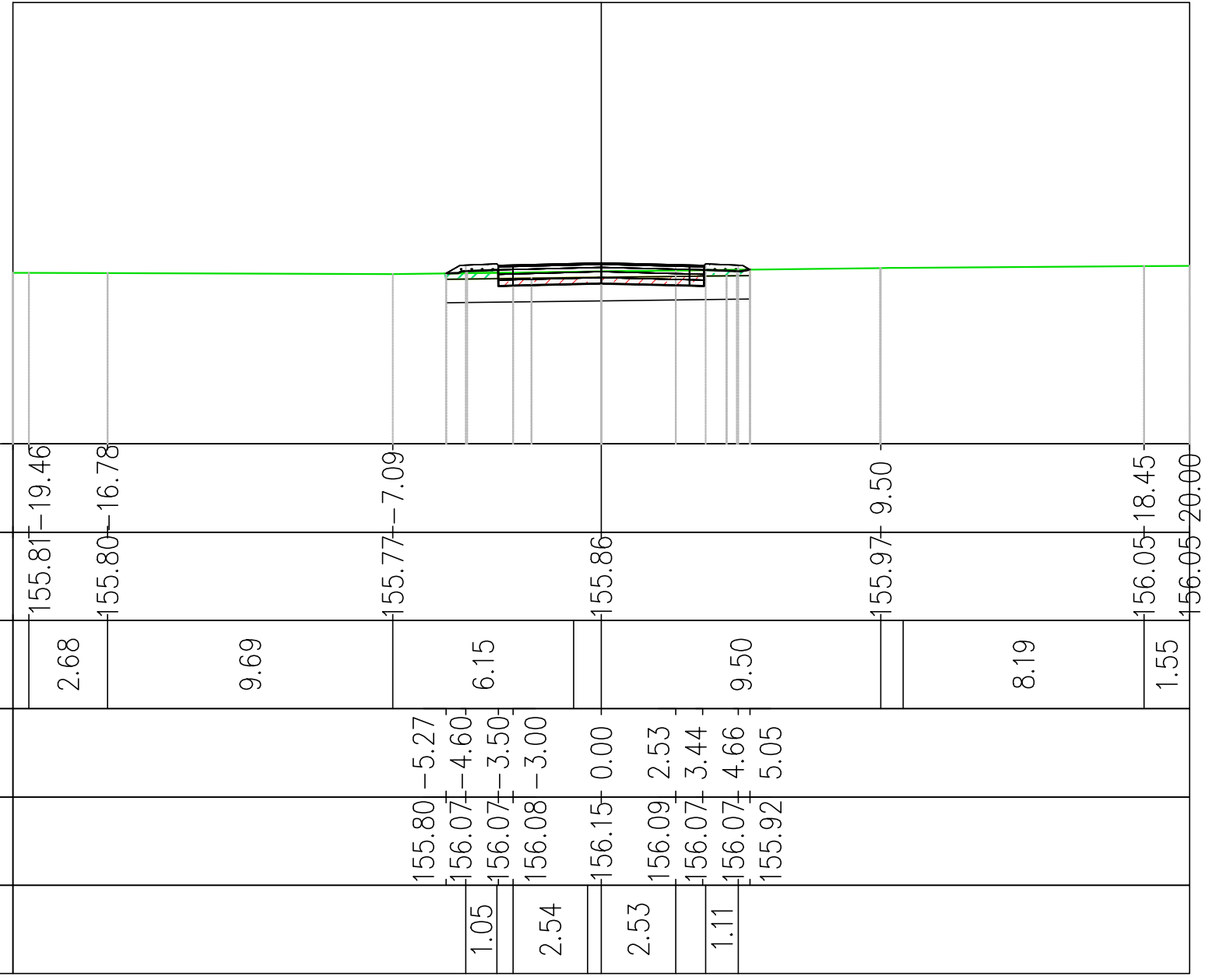
| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.05 | 10.50 | 543.75 |
| Binder | 0.70 | 7.00 | 360.28 |
| Bonifica | 8.43 | 83.75 | 4893.64 |
| Fondazione Misto Cementato | 1.40 | 14.00 | 729.43 |
| Fondazione Misto Stabilizzato | 1.40 | 14.00 | 729.43 |
| Riporto | 0.91 | 9.58 | 5369.58 |
| Scotico 20cm | 2.11 | 23.03 | 1467.42 |
| Sterro | 1.43 | 17.16 | 315.75 |
| Usura | 0.35 | 3.50 | 182.36 |
| Vegetale rilevato | 0.64 | 6.32 | 600.94 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

Ramo 4 - IR03
 Sez. 48
 Progr.: 0+480.00
 Q.Rif. : 150.00



| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.05 | 10.50 | 554.25 |
| Binder | 0.70 | 7.00 | 367.28 |
| Bonifica | 8.37 | 84.02 | 4977.66 |
| Fondazione Misto Cementato | 1.40 | 14.00 | 743.43 |
| Fondazione Misto Stabilizzato | 1.40 | 14.00 | 743.43 |
| Riporto | 0.88 | 9.82 | 5379.40 |
| Scotico 20cm | 2.09 | 23.11 | 1490.53 |
| Sterro | 1.51 | 17.69 | 333.44 |
| Usura | 0.35 | 3.50 | 185.86 |
| Vegetale rilevato | 0.63 | 6.37 | 607.31 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

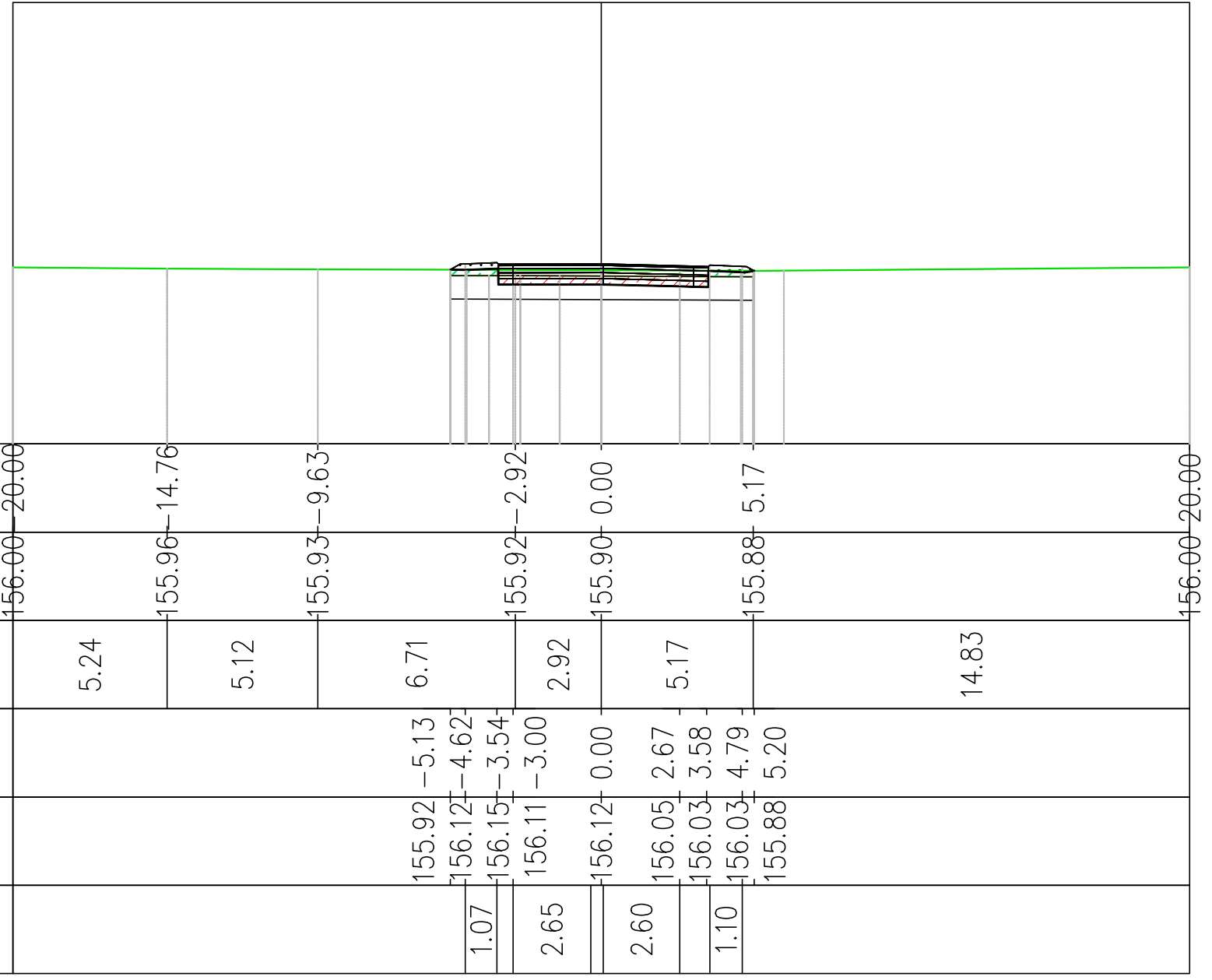
Ramo 4 - IR03
 Sez. 52
 Progr.: 0+520.00
 Q.Rif. : 150.00



| | | | | | | | |
|----------------------------|--------|--------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO | 155.81 | 155.80 | 155.77 | 155.86 | 155.97 | 156.05 | 156.05 |
| QUOTE TERRENO | 2.68 | 9.69 | 6.15 | 9.50 | 8.19 | 1.55 | |
| DISTANZE PARZIALI TERRENO | | | | | | | |
| PROGRESSIVE PROGETTO | | | 155.80 | 156.07 | 156.07 | 156.08 | 156.15 |
| QUOTE PROGETTO | | | -5.27 | -4.60 | -3.50 | -3.00 | 0.00 |
| DISTANZE PARZIALI PROGETTO | | | 1.05 | 2.54 | 2.53 | 1.11 | 5.05 |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.05 | 10.50 | 596.25 |
| Binder | 0.70 | 7.00 | 395.28 |
| Bonifica | 8.26 | 83.18 | 5311.18 |
| Fondazione Misto Cementato | 1.40 | 14.00 | 799.43 |
| Fondazione Misto Stabilizzato | 1.40 | 14.00 | 799.43 |
| Riporto | 0.74 | 8.92 | 5416.14 |
| Scotico 20cm | 2.07 | 22.88 | 1582.24 |
| Sterro | 1.76 | 19.29 | 408.59 |
| Usura | 0.35 | 3.50 | 199.86 |
| Vegetale rilevato | 0.61 | 6.22 | 632.30 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

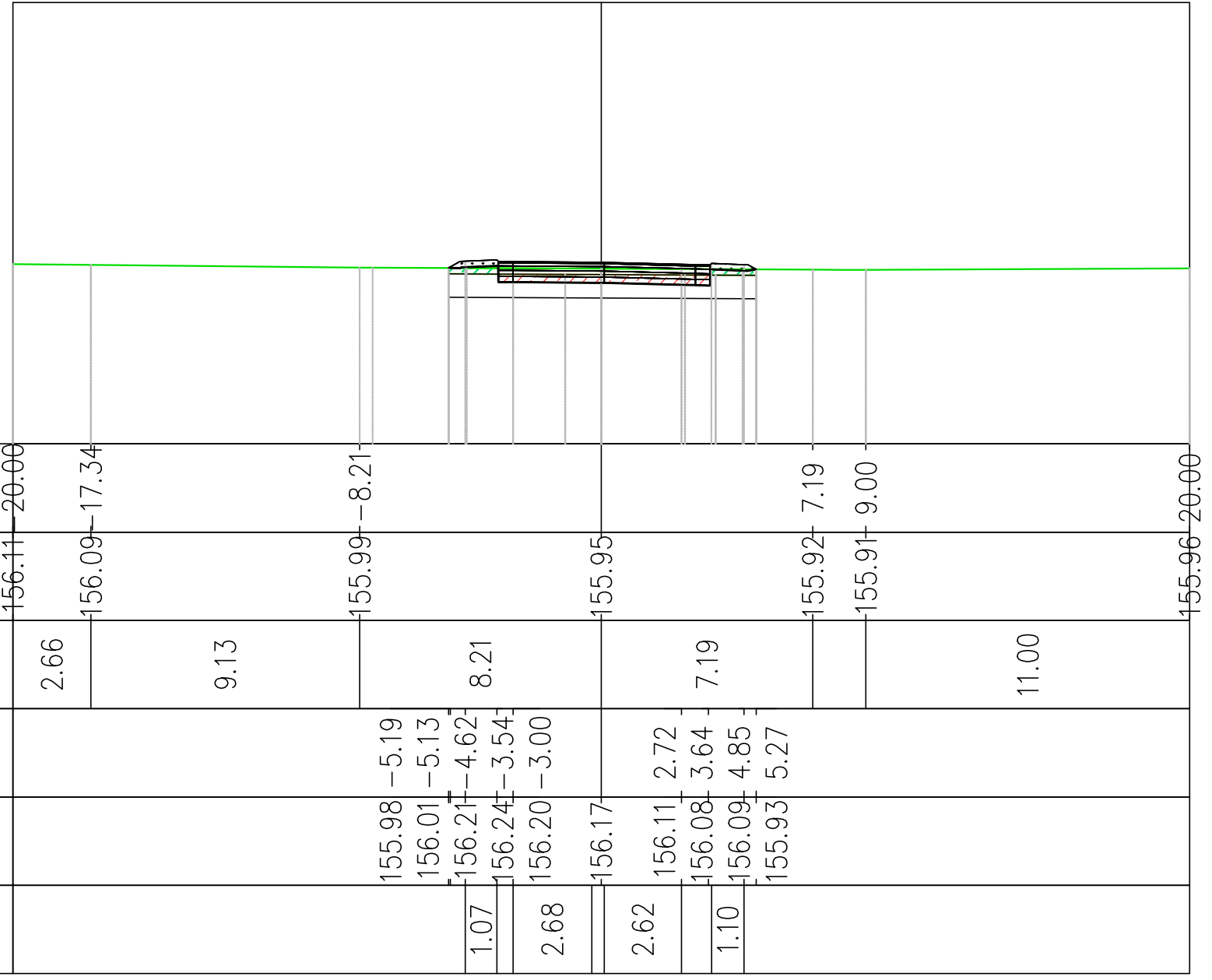
Ramo 4 - IR03
 Sez. 55
 Progr.: 0+550.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|------|--------|------|--------|------|--------|------|
| PROGRESSIVE TERRENO | 156.00 | 20.00 | 155.96 | 14.76 | 155.93 | 9.63 | 155.92 | 2.92 | 155.90 | 0.00 | 155.88 | 5.17 | 156.00 | 20.00 | | | | | | | | | |
| QUOTE TERRENO | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | | 5.24 | | 5.12 | | 6.71 | | 2.92 | | 5.17 | | 14.83 | | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | | | | 155.92 | -5.13 | 156.12 | -4.62 | 156.15 | -3.54 | 156.11 | -3.00 | 156.12 | 0.00 | 156.05 | 2.67 | 156.03 | 3.58 | 156.03 | 4.79 | 155.88 | 5.20 |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | | | | 1.07 | | 2.65 | | 2.60 | | 1.10 | | | | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.07 | 10.66 | 628.01 |
| Binder | 0.71 | 7.11 | 416.45 |
| Bonifica | 8.26 | 82.40 | 5557.60 |
| Fondazione Misto Cementato | 1.43 | 14.22 | 841.77 |
| Fondazione Misto Stabilizzato | 1.43 | 14.22 | 841.77 |
| Riporto | 0.61 | 6.82 | 5437.02 |
| Scotico 20cm | 2.07 | 22.66 | 1650.01 |
| Sterro | 2.20 | 25.14 | 481.26 |
| Usura | 0.36 | 3.55 | 210.44 |
| Vegetale rilevato | 0.58 | 5.82 | 649.89 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

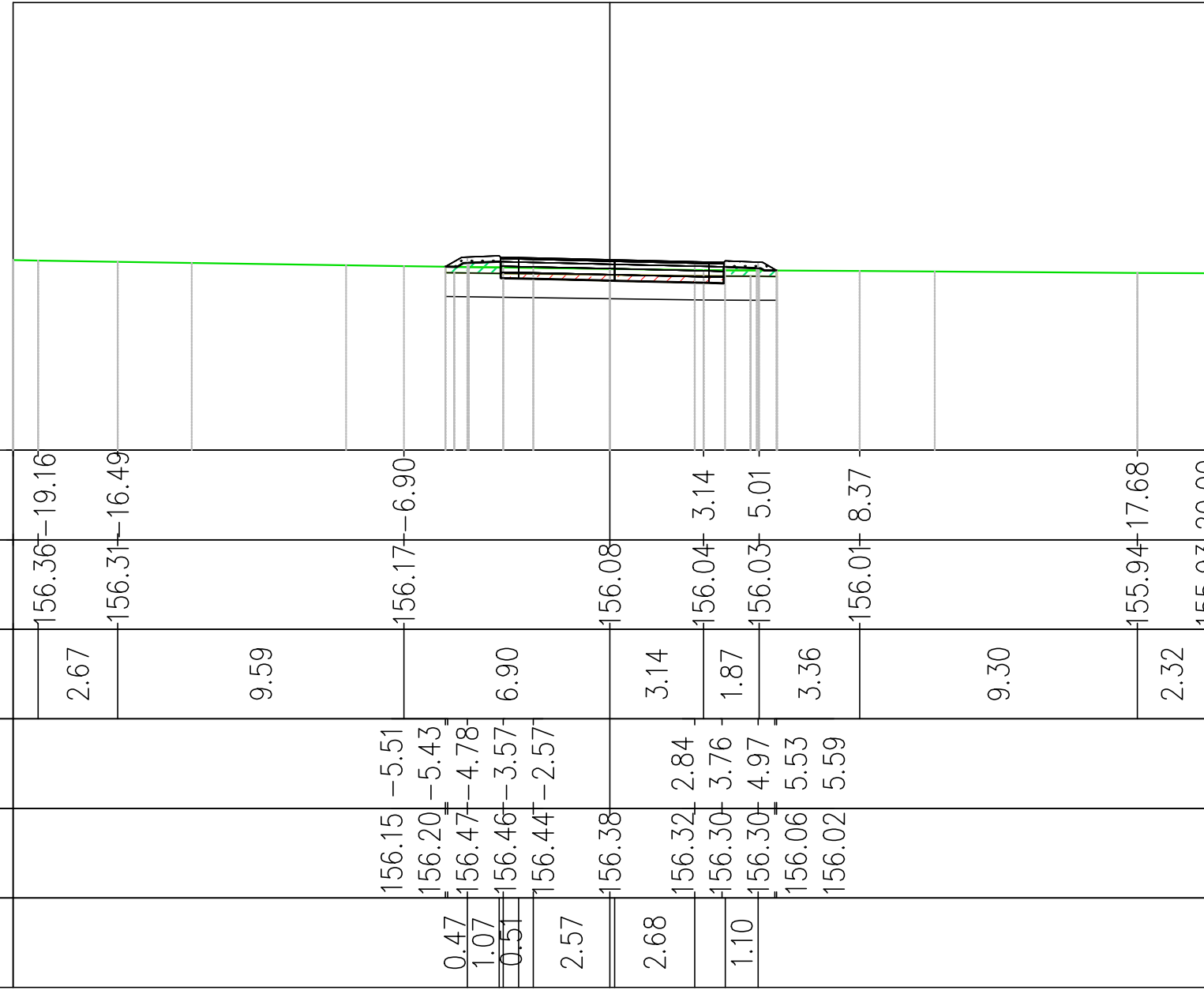
Ramo 4 - IR03
 Sez. 56
 Progr.: 0+560.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|------|--------|------|--------|------|
| PROGRESSIVE TERRENO | 156.11 | 20.00 | 156.09 | 17.34 | 155.99 | 8.21 | 155.95 | 155.92 | 7.19 | 155.91 | 9.00 | 155.96 | 20.00 | | | | | | | | |
| QUOTE TERRENO | 2.66 | 9.13 | 8.21 | 7.19 | 11.00 | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | | | | | | | | | | | | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | 155.98 | -5.19 | 156.01 | -5.13 | 156.21 | -4.62 | 156.24 | -3.54 | 156.20 | -3.00 | 156.17 | 156.11 | 2.72 | 156.08 | 3.64 | 156.09 | 4.85 | 155.93 | 5.27 |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | 1.07 | 2.68 | 2.62 | 1.10 | | | | | | | | | | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.08 | 10.75 | 638.76 |
| Binder | 0.72 | 7.17 | 423.62 |
| Bonifica | 8.37 | 83.14 | 5640.74 |
| Fondazione Misto Cementato | 1.44 | 14.34 | 856.11 |
| Fondazione Misto Stabilizzato | 1.44 | 14.34 | 856.11 |
| Riporto | 0.68 | 7.09 | 5444.11 |
| Scotico 20cm | 2.09 | 22.86 | 1672.87 |
| Sterro | 2.14 | 26.04 | 507.29 |
| Usura | 0.36 | 3.58 | 214.03 |
| Vegetale rilevato | 0.59 | 5.86 | 655.75 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

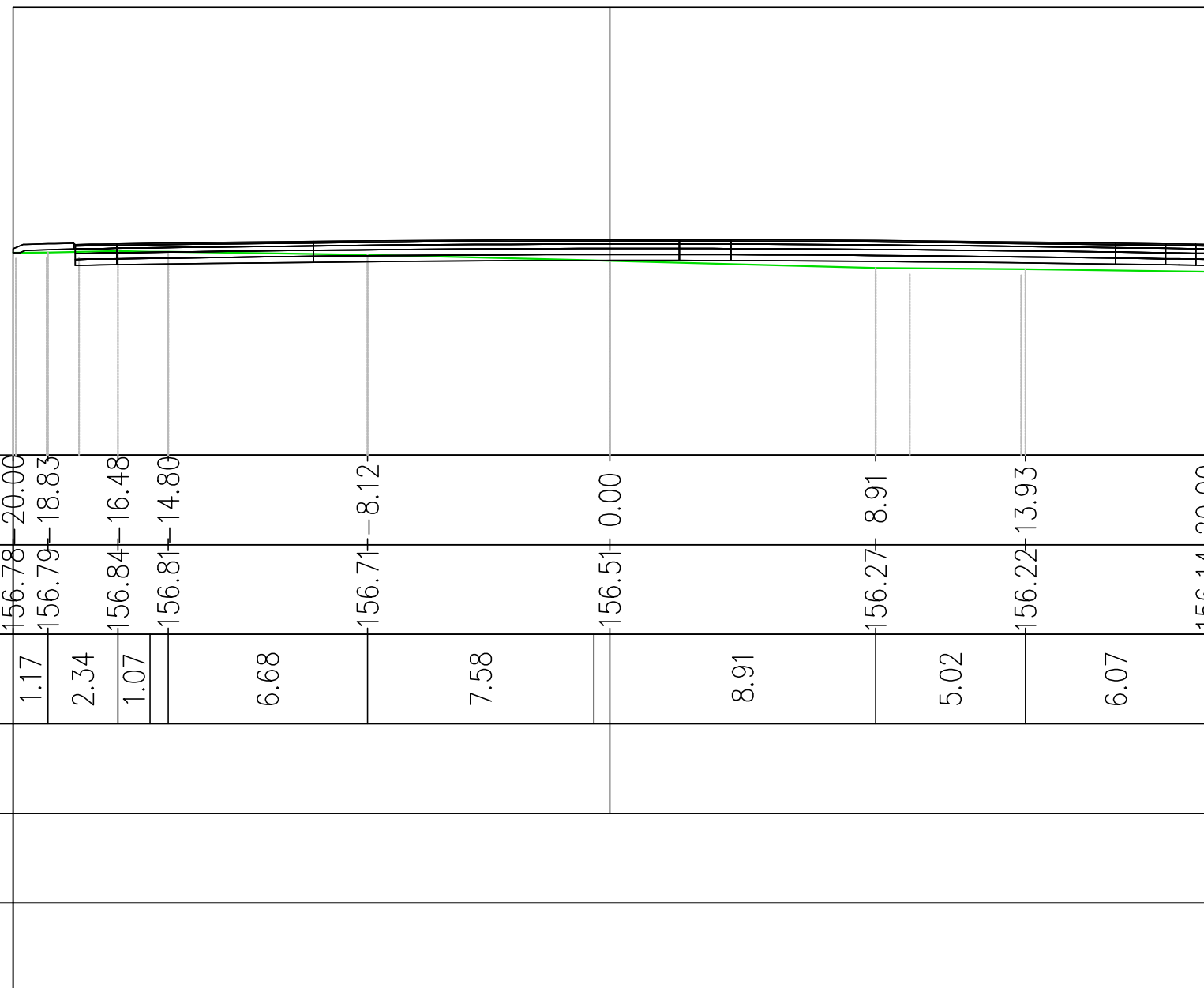
Ramo 4 - IR03
 Sez. 58
 Progr.: 0+580.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|------|--------|------|--------|------|
| PROGRESSIVE TERRENO | 156.36 | 19.16 | 156.31 | 16.49 | 156.17 | 6.90 | 156.08 | 3.14 | 156.04 | 3.14 | 156.03 | 5.01 | 156.01 | 8.37 | 155.94 | 17.68 | 155.93 | 20.00 | | | | | | |
| QUOTE TERRENO | 2.67 | | 9.59 | | 6.90 | | 3.14 | 1.87 | 3.36 | | 9.30 | 2.32 | | | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | | | | | | | | | | | | | | | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | | | 156.15 | -5.51 | 156.20 | -5.43 | 156.47 | -4.78 | 156.46 | -3.57 | 156.44 | -2.57 | 156.38 | 2.84 | 156.30 | 3.76 | 156.30 | 4.97 | 156.06 | 5.53 | 156.02 | 5.59 |
| QUOTE PROGETTO | | | | | 0.47 | | 1.07 | | 0.51 | | 2.57 | | 2.68 | | 1.10 | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | | | | | | | | | | | | | | | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 1.12 | 11.05 | 660.65 |
| Binder | 0.75 | 7.37 | 438.22 |
| Bonifica | 8.90 | 87.25 | 5812.57 |
| Fondazione Misto Cementato | 1.50 | 14.73 | 885.30 |
| Fondazione Misto Stabilizzato | 1.50 | 14.73 | 885.30 |
| Riporto | 1.05 | 10.52 | 5463.09 |
| Scotico 20cm | 2.22 | 23.99 | 1720.13 |
| Sterro | 1.47 | 19.65 | 550.64 |
| Usura | 0.37 | 3.68 | 221.32 |
| Vegetale rilevato | 0.67 | 6.47 | 668.32 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |

Ramo 4 - IR03
 Sez. 64
 Progr.: 0+625.00
 Q.Rif. : 150.00



| | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|------|--------|------|--------|------|--------|-------|--------|-------|
| PROGRESSIVE TERRENO | 156.78 | 20.00 | 156.79 | 18.83 | 156.84 | 16.48 | 156.81 | 14.80 | 156.71 | 8.12 | 156.51 | 0.00 | 156.27 | 8.91 | 156.22 | 13.93 | 156.14 | 20.00 |
| QUOTE TERRENO | 1.17 | 2.34 | 1.07 | 6.68 | 7.58 | 8.91 | 5.02 | 6.07 | | | | | | | | | | |
| DISTANZE PARZIALI TERRENO | | | | | | | | | | | | | | | | | | |
| PROGRESSIVE PROGETTO | | | | | | | | | | | | | | | | | | |
| QUOTE PROGETTO | | | | | | | | | | | | | | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | | | | | | | | | | | | | | |

| Materiale | Area (m ²) | Vol. (m ³) | Vol. Cum. (m ³) |
|-------------------------------|------------------------|------------------------|-----------------------------|
| Base | 0.00 | 0.51 | 718.72 |
| Binder | 0.00 | 0.34 | 476.93 |
| Bonifica | 0.00 | 11.45 | 6320.37 |
| Fondazione Misto Cementato | 0.00 | 0.68 | 962.72 |
| Fondazione Misto Stabilizzato | 0.00 | 0.68 | 962.72 |
| Riporto | 0.00 | 6.22 | 5612.05 |
| Scotico 20cm | 0.00 | 3.15 | 1859.77 |
| Sterro | 0.00 | 0.54 | 577.97 |
| Usura | 0.00 | 0.17 | 240.68 |
| Vegetale rilevato | 0.00 | 2.04 | 703.56 |
| Vegetale trincea | 0.00 | 0.00 | 3.03 |