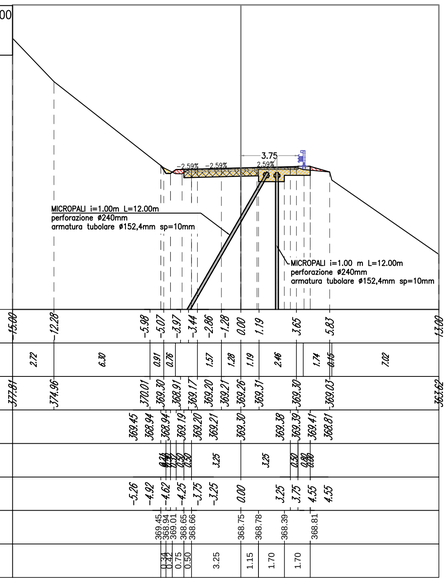
## AsseSP35 - Sez. 19 - Progr. 3+912.00
Scala 1:200
Q.Rif. 360.00m

*Mot. alla progr. 3+912.00*

| Materiale | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
|---|---|---|---|
| Base | 0.75 | 16.50 | 104.00 |
| Binder | 0.45 | 9.90 | 62.40 |
| Cordolo C.A. | 2.18 | 47.96 | 76.30 |
| Fondazione | 2.63 | 57.75 | 364.00 |
| Gabbioni | 0.00 | 0.00 | 44.00 |
| Tappeto | 0.30 | 6.60 | 47.60 |
| Rilevato mater. di cava | 0.00 | 0.00 | 166.01 |

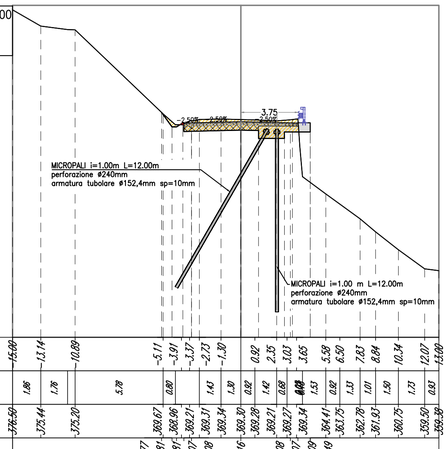



| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PROGRESSIVE TERRENO | -15.00 | -12.28 | -5.98 | -5.07 | -3.97 | -3.44 | -2.80 | -1.28 | 0.00 | 1.19 | 3.65 | 5.83 | 13.00 |
| DISTANZE PARZIALI TERRENO | 2.72 | 6.30 | 0.91 | 0.76 | 1.37 | 1.28 | 2.46 | 1.19 | 2.46 | 1.74 | 0.65 | 7.02 | |
| QUOTE TERRENO | 371.61 | 374.56 | 370.01 | 369.30 | 368.91 | 369.17 | 369.20 | 369.21 | 369.26 | 369.31 | 369.30 | 369.03 | 365.62 |
| QUOTE PROGETTO | | | 369.45 | 368.94 | 368.94 | 369.19 | 369.20 | 369.21 | 369.30 | 369.38 | 369.39 | 369.41 | 368.81 |
| DISTANZE PARZIALI PROGETTO | | | 0.56 | 0.75 | 0.50 | 0.25 | | | 0.25 | | 0.25 | 0.02 | |
| PROGRESSIVE PROGETTO | | | -5.98 | -5.42 | -4.67 | -4.42 | -3.75 | -3.25 | 0.00 | | 3.25 | 4.55 | |
| QUOTE PROGETTO SCAVI | | | 369.45 369.94 369.94 369.65 368.66 | | | | | | 368.75 | 368.78 | 368.39 | 368.81 | |
| DISTANZE PARZIALI PROGETTO SCAVI | | | 0.56 0.75 0.50 | | | | | | 3.25 | 1.15 | 1.70 | 1.70 | |

## AsseSP35 - Sez. 18 - Progr. 3+890.00
Scala 1:200
Q.Rif. 355.00m

*Mot. alla progr. 3+890.00*

| Materiale | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
|---|---|---|---|
| Base | 0.75 | 9.75 | 87.50 |
| Binder | 0.45 | 5.85 | 52.50 |
| Cordolo C.A. | 2.18 | 28.34 | 28.34 |
| Fondazione | 2.63 | 34.13 | 306.25 |
| Gabbioni | 0.00 | 0.00 | 44.00 |
| Tappeto | 0.30 | 3.90 | 41.00 |
| Rilevato mater. di cava | 0.00 | 0.00 | 166.01 |

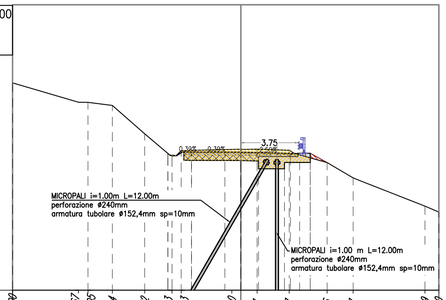



| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PROGRESSIVE TERRENO | -15.00 | -13.14 | -10.89 | -5.11 | -3.91 | -3.37 | -2.73 | -1.30 | 0.92 | 2.35 | 3.03 | 3.65 | 5.58 | 6.30 | 7.83 | 8.84 | 10.34 | 12.07 | 13.00 |
| DISTANZE PARZIALI TERRENO | 1.86 | 1.76 | 5.78 | 0.80 | | 1.43 | 1.39 | 0.92 | 1.42 | 0.68 | 0.62 | 1.93 | 0.72 | 1.53 | 1.01 | 1.50 | 1.73 | 0.93 | |
| QUOTE TERRENO | 376.50 | 375.44 | 375.20 | 369.67 | 368.96 | 369.21 | 369.31 | 369.34 | 369.30 | 369.28 | 369.21 | 369.34 | 364.41 | 363.75 | 362.78 | 361.93 | 360.75 | 359.50 | 359.30 |
| QUOTE PROGETTO | | | | 369.77 | 368.81 | 368.91 | 369.07 | 369.34 | 369.30 | 369.16 | 369.28 | 369.39 | 362.69 | 362.69 | | | | | |
| DISTANZE PARZIALI PROGETTO | | | | | 0.56 | 0.75 | 0.50 | | | | 0.25 | | 0.50 | 0.68 | | | | | |
| PROGRESSIVE PROGETTO | | | | -5.21 | -4.53 | -4.23 | -3.75 | -3.25 | | | 3.25 | | 4.55 | | | | | | |
| QUOTE PROGETTO SCAVI | | | | 369.77 | 368.81 | 368.52 | 368.53 | | 368.61 | 368.58 | | 368.07 | 368.49 | | | | | | |
| DISTANZE PARZIALI PROGETTO SCAVI | | | | 0.56 | 0.75 | 0.50 | 3.25 | | 1.15 | 1.70 | | 1.70 | | | | | | | |

## AsseSP35 - Sez. 17 - Progr. 3+877.00
Scala 1:200
Q.Rif. 360.00m

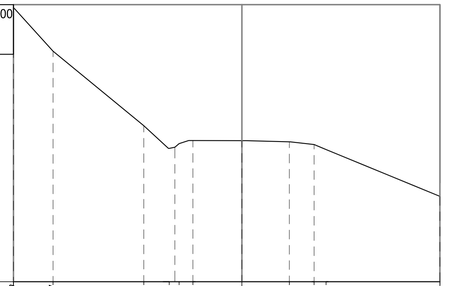
*Mot. alla progr. 3+877.00*

| Materiale | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
|---|---|---|---|
| Base | 0.75 | 6.00 | 77.75 |
| Binder | 0.45 | 3.60 | 46.65 |
| Cordolo C.A. | 2.18 | 2.18 | 0.00 |
| Fondazione | 2.63 | 21.00 | 272.13 |
| Gabbioni | 0.00 | 0.00 | 44.00 |
| Tappeto | 0.30 | 2.40 | 37.10 |
| Rilevato mater. di cava | 0.00 | 0.00 | 166.01 |




| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PROGRESSIVE TERRENO | -15.00 | -10.67 | -10.05 | -8.44 | -6.12 | -4.53 | -3.93 | -0.63 | 1.07 | 3.17 | 5.66 | 7.37 | 12.09 | 13.00 |
| DISTANZE PARZIALI TERRENO | 4.33 | 0.62 | 1.61 | 2.12 | 1.68 | 2.87 | | 0.78 | 4.11 | 2.14 | 1.71 | 0.82 | 4.24 | 0.91 |
| QUOTE TERRENO | 373.62 | 372.34 | 372.33 | 372.13 | 370.23 | 369.86 | 369.16 | 369.25 | 369.27 | 369.19 | 369.39 | 367.30 | 365.52 | 365.13 |
| QUOTE PROGETTO | | | | | 369.83 | 369.83 | 369.08 | 369.08 | 369.07 | 369.19 | 369.07 | 369.39 | | |
| DISTANZE PARZIALI PROGETTO | | | | | | 0.50 | | 0.25 | | 0.25 | | 0.50 | | |
| PROGRESSIVE PROGETTO | | | | | -4.80 | -4.53 | -4.42 | -3.75 | -3.25 | 0.00 | 3.25 | 4.55 | | |
| QUOTE PROGETTO SCAVI | | | | | 369.98 | 369.83 | 369.53 | 368.53 | 368.52 | 368.49 | 367.97 | 368.42 | 368.39 | |
| DISTANZE PARZIALI PROGETTO SCAVI | | | | | 0.50 | | 3.25 | | 1.15 | 1.70 | | 1.70 | 0.70 | |

## AsseSP35 - Sez. 23 - Progr. 3+974.00
Scala 1:200
Q.Rif. 360.00m

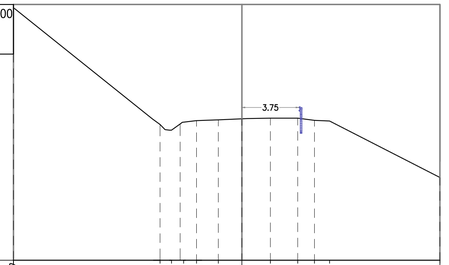


| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PROGRESSIVE TERRENO | -15.00 | -12.41 | -6.44 | -4.78 | -4.12 | -3.22 | 3.11 | 4.74 | 5.53 | 13.00 |
| DISTANZE PARZIALI TERRENO | 2.59 | 5.96 | 1.61 | 0.66 | 0.90 | 3.21 | 2.87 | 1.63 | 0.79 | 7.47 |
| QUOTE TERRENO | 373.01 | 372.14 | 370.25 | 369.76 | 369.07 | 369.27 | 369.27 | 369.19 | 369.01 | 368.69 | 365.61 |

## AsseSP35 - Sez. 22 - Progr. 3+950.00
Scala 1:200
Q.Rif. 360.00m

*Mot. alla progr. 3+930.00*

| Materiale | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
|---|---|---|---|
| Base | 0.00 | 0.00 | 110.00 |
| Binder | 0.00 | 0.00 | 66.00 |
| Cordolo C.A. | 0.00 | 0.00 | 76.30 |
| Fondazione | 0.00 | 1.31.13 | 385.00 |
| Gabbioni | 0.00 | 0.00 | 44.00 |
| Tappeto | 0.30 | 2.00 | 55.00 |
| Rilevato mater. di cava | 0.00 | 0.00 | 166.01 |

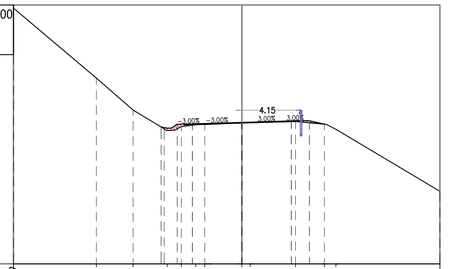



| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PROGRESSIVE TERRENO | -15.00 | -5.38 | -4.62 | -3.82 | -2.98 | -1.55 | 1.87 | 3.67 | 4.76 | 5.78 | 13.00 |
| DISTANZE PARZIALI TERRENO | 9.13 | 0.76 | 0.82 | 0.85 | 1.43 | 1.35 | 1.52 | 1.80 | 1.10 | 0.99 | 7.24 |
| QUOTE TERRENO | 376.59 | 368.82 | 368.54 | 369.07 | 369.18 | 369.22 | 369.29 | 369.34 | 369.34 | 369.19 | 365.44 |

## AsseSP35 - Sez. 21 - Progr. 3+930.00
Scala 1:200
Q.Rif. 360.00m

*Mot. alla progr. 3+930.00*

| Materiale | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
|---|---|---|---|
| Base | 0.00 | 3.75 | 110.00 |
| Binder | 0.00 | 2.25 | 66.00 |
| Cordolo C.A. | 0.00 | 0.00 | 76.30 |
| Fondazione | 0.00 | 1.31.13 | 385.00 |
| Gabbioni | 0.00 | 0.00 | 44.00 |
| Tappeto | 0.30 | 4.50 | 53.00 |
| Rilevato mater. di cava | 0.00 | 0.00 | 166.01 |

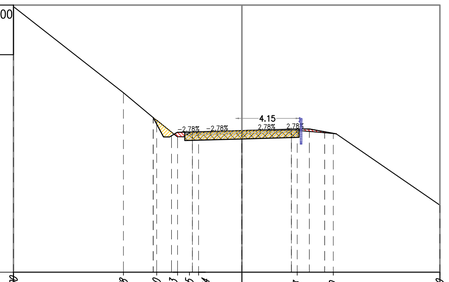



| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PROGRESSIVE TERRENO | -15.00 | -5.56 | -7.15 | -4.91 | -3.98 | -3.03 | -2.43 | 0.00 | 0.54 | 3.52 | 5.42 | 6.17 | 13.00 |
| DISTANZE PARZIALI TERRENO | 5.44 | 2.41 | 2.04 | 0.93 | 0.95 | 0.60 | 2.43 | 0.54 | 2.98 | 1.88 | 0.75 | 6.83 | |
| QUOTE TERRENO | 376.79 | 372.20 | 370.10 | 368.76 | 369.02 | 369.13 | 369.15 | 369.25 | 369.27 | 369.34 | 369.17 | 368.84 | 364.76 |
| QUOTE PROGETTO | | | 368.99 | 368.99 | 369.01 | 368.91 | 368.91 | 369.19 | 369.29 | 369.39 | 369.40 | 369.27 | 369.27 |
| DISTANZE PARZIALI PROGETTO | | | | | 0.25 | 0.50 | 0.50 | | | 0.25 | 0.50 | 0.68 | |
| PROGRESSIVE PROGETTO | | | -5.31 | -5.31 | -4.92 | -4.62 | -4.25 | -3.75 | -3.25 | 3.24 | 3.75 | 4.43 | 4.43 |

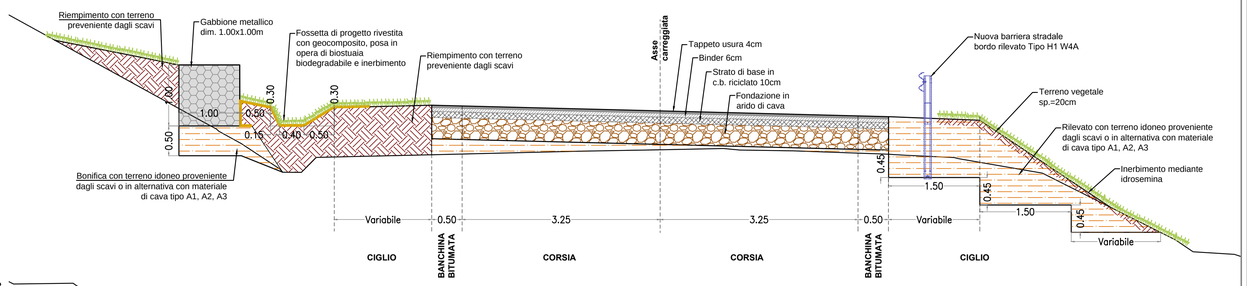
## AsseSP35 - Sez. 20 - Progr. 3+915.00
Scala 1:200
Q.Rif. 360.00m

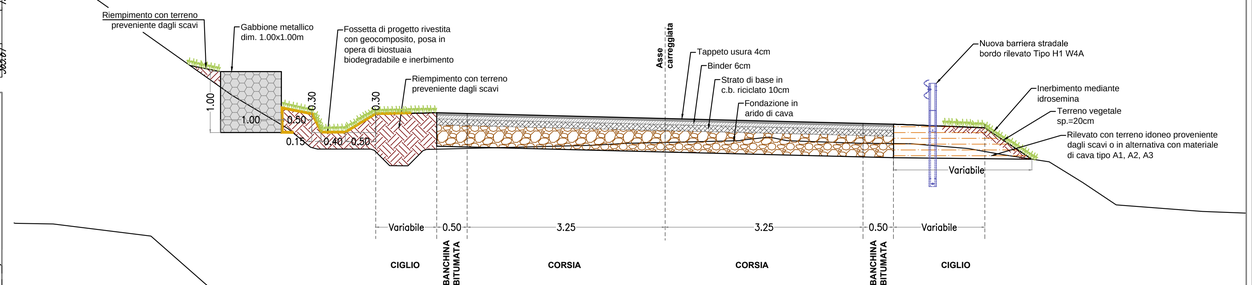
*Mot. alla progr. 3+915.00*

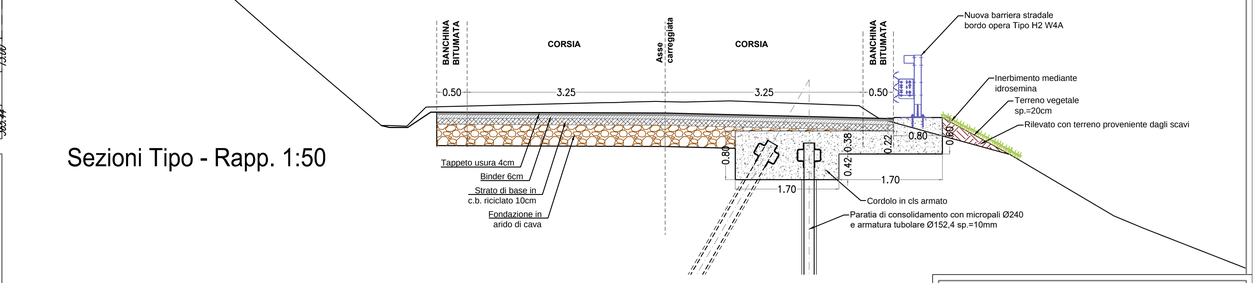
| Materiale | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
|---|---|---|---|
| Base | 0.75 | 2.25 | 106.25 |
| Binder | 0.45 | 1.35 | 63.75 |
| Cordolo C.A. | 0.00 | 0.00 | 76.30 |
| Fondazione | 2.62 | 7.88 | 371.88 |
| Gabbioni | 0.00 | 0.00 | 44.00 |
| Tappeto | 0.30 | 0.90 | 48.50 |
| Rilevato mater. di cava | 0.00 | 0.00 | 166.01 |




| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PROGRESSIVE TERRENO | -15.00 | -7.78 | -5.60 | -4.23 | -3.45 | -2.84 | 1.63 | 6.00 | 13.00 |
| DISTANZE PARZIALI TERRENO | 7.22 | 2.11 | 1.35 | 0.78 | 0.58 | 2.84 | 1.25 | 2.29 | 6.80 |
| QUOTE TERRENO | 377.44 | 371.79 | 369.98 | 368.90 | 369.16 | 369.19 | 369.30 | 369.30 | 369.11 | 364.40 |
| QUOTE PROGETTO | | 370.15 | 369.93 | 369.18 | 369.07 | 369.21 | 369.39 | 369.40 | 369.27 | 369.25 | 369.34 | 369.16 |
| DISTANZE PARZIALI PROGETTO | | | 0.25 | 0.75 | 0.50 | 0.50 | 1.25 | 0.50 | 0.68 | 0.25 | 0.50 | |
| PROGRESSIVE PROGETTO | | -5.82 | -4.92 | -4.62 | -4.25 | -3.75 | -3.25 | 0.00 | 1.25 | 1.75 | 4.43 | 4.81 | 5.25 | 5.44 |
| QUOTE PROGETTO SCAVI | | 370.15 | 369.93 | 368.65 | 368.66 | | 368.75 | | 368.84 368.85 | | | | |
| DISTANZE PARZIALI PROGETTO SCAVI | | 0.67 0.50 0.70 0.50 | | | | 3.25 | | | 3.25 | 0.50 | | | |

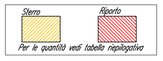


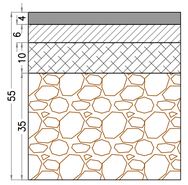




# Sezioni Tipo - Rapp. 1:50

LEGENDA




## Sovrastruttura SP 35
### Pacchetto pavimentazione bituminosa e fondazione




Usura in conglomerato bituminoso (Sp.=4cm)

Binder in conglomerato bituminoso (Sp.=6cm)

Base in conglomerato bituminoso riciclato a freddo (Sp.=10cm)

Fondazione in misto granulare non legato (Sp.=35cm)

| Tabella del volume totale tratto SP35 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Area | | Volume | | Volume cumulato | | Volume |
| Sez. | Progr. | Sterro | Riporto | Sterro | Riporto | Sterro | Riporto | Netto |
| 1 | 3+720.00 | - | - | - | - | - | - | - |
| 2 | 3+740.00 | - | - | - | - | - | - | - |
| 3 | 3+760.00 | - | - | - | - | - | - | - |
| 4 | 3+780.00 | 4.60 | 0.16 | 46.00 | 1.60 | 46.00 | 1.60 | 44.40 |
| 5 | 3+790.00 | 4.25 | 0.19 | 44.25 | 1.75 | 90.25 | 3.35 | 86.90 |
| 6 | 3+805.00 | 3.10 | 5.00 | 55.13 | 11.93 | 145.38 | 15.28 | 130.10 |
| 7 | 3+818.70 | 2.44 | 8.00 | 37.95 | 34.93 | 183.32 | 50.21 | 133.11 |
| 8 | 3+825.60 | 2.61 | 9.50 | 17.42 | 30.71 | 200.75 | 80.91 | 119.83 |
| 9 | 3+832.50 | 0.70 | 6.37 | 11.42 | 34.40 | 212.17 | 115.31 | 96.85 |
| 10 | 3+835.00 | 1.20 | 5.56 | 2.38 | 10.91 | 214.54 | 126.22 | 88.32 |
| 11 | 3+839.40 | 1.03 | 3.70 | 4.91 | 14.65 | 219.45 | 140.88 | 78.57 |
| 12 | 3+846.30 | 1.67 | 2.70 | 9.32 | 15.18 | 228.76 | 156.06 | 72.71 |
| 13 | 3+850.00 | 1.40 | 2.40 | 5.68 | 5.73 | 234.44 | 161.79 | 72.65 |
| 14 | 3+853.20 | 1.82 | 2.41 | 5.15 | 4.50 | 239.59 | 166.29 | 73.31 |
| 15 | 3+860.10 | 3.44 | 1.70 | 18.15 | 7.28 | 257.74 | 173.57 | 84.17 |
| 16 | 3+869.00 | 4.48 | 0.25 | 35.24 | 4.23 | 292.98 | 177.79 | 115.19 |
| 17 | 3+877.00 | 6.60 | 0.17 | 44.32 | 1.68 | 337.30 | 179.47 | 157.83 |
| 18 | 3+890.00 | 6.44 | 0.02 | 84.76 | 1.24 | 422.06 | 180.71 | 241.36 |
| 19 | 3+912.00 | 4.94 | 0.33 | 125.14 | 3.85 | 547.20 | 184.56 | 362.64 |
| 20 | 3+915.00 | 4.38 | 0.40 | 13.97 | 1.10 | 561.17 | 185.65 | 375.52 |
| 21 | 3+930.00 | - | 0.30 | 32.85 | 5.25 | 594.02 | 190.90 | 403.12 |
| 22 | 3+950.00 | - | - | - | 3.00 | 594.02 | 193.90 | 400.12 |
| 23 | 3+974.00 | - | - | - | - | 594.02 | 193.90 | 400.12 |

AMMINISTRAZIONE PROVINCIALE DI SIENA
*Settore Servizi Tecnici - Servizio Viabilità*

PROGETTO

SISTEMAZIONE MOVIMENTO FRANOSO S.P. 35C "DI RADICONDOLI" IN LOC. LE CELLE

PROGETTO DEFINITIVO - ESECUTIVO

ELABORATO

SEZIONI SP 35 - Tav. 2 di 2
Sezioni Tipo

ENTE ATTUATORE
AMMINISTRAZIONE PROVINCIALE DI SIENA
Settore Servizi Tecnici - Sevizio Viabilità
Piazza Duomo, 9 - 53100 Siena (SI)

RESPONSABILE UNICO DEL PROCEDIMENTO
Dott. Arch. Maria Elena Di Trolio

UBICAZIONE
Comune di Radicondoli
S.P. 35C "di Radicondoli"

PROGETTO ED ELABORAZIONE GRAFICA
axis ENGINEERING
P R O G E T T I G L O B A L I
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E-Mail: info@axisengineering.eu - www.axisengineering.eu

GEOLOGIA
GE.MIN.A GEOL. RITA NARDI
Geologia e Ingegneria Geotecnica

SPAZIO PER L'ENTE

| COMMESSA | PARTE | FASE | SETTORE | VAR | ELABORATO | REV |
|---|---|---|---|---|---|---|
| 18017 | 01 | D | INF | 0 | 011 | 0 |

| ARCHIVIO | DATA | RAPPORTO |
|---|---|---|
| 18017_01_DINF_0011_0 | GENNAIO 2022 | 1:200 1:50 |

| N. REV. | NOTA DI REVISIONE | DATA | REDATTO | CONTROLLATO | APPROVATO |
|---|---|---|---|---|---|
| - | - | - | - | - | - |
| - | - | - | - | - | - |
| 0 | EMISSIONE | 03/01/2022 | GT | GT | GT |