abbanoa spa — Gestore unico del servizio idrico integrato dell'ATO Sardegna

# AUTORITA' D'AMBITO SARDEGNA - A.T.O

BOSA
MAGOMADAS
TRESNURAGHES

## PROGETTO DEFINITIVO

# ADEGUAMENTO SCHEMA FOGNARIO DEPURATIVO N°135 "BOSA" (OR) - COLLETTORI

| | | |
|---|---|---|
| Elaborato<br>10.2<br>Rev. n° 3 - Nov. 2017 | **Profili longitudinali altimetrici**<br>Tratti 16 -17 | Scala<br>1:2.000/200 |

**PROGETTISTI**

COSIN S.R.L.

ORDINE INGEGNERI
PROVINCIA DI CAGLIARI
N. 4255 Dott. Ing. Giuseppe DELITALA

**PRESTAZIONI SECONDARIE**

**GEOLOGIA**

Dott. Geol. Alberto GORINI

**I COLLABORATORI**

Dott. Ing. Antonio DEDONI
Dott. Ing. Daniela DETTORI
Dott. Ing. Francesco FIORI
Dott. Ing. Laura MAMELI
Geom. Gianluca MARONGIU
Dott. Ing. Fabrizio STAFFA
Dott. Arch. Salvatore ZANDA

**RESPONSABILE DEL PROCEDIMENTO**

Dott. Ing. Felice Mottura

Firma

## A.T.I.

**MANDATARIA**

CBR COOPERATIVA BRACCIANTI RIMINESE

**MANDANTE**

CO.GE.M. S.R.L.

VIA SU PARIS N° 1
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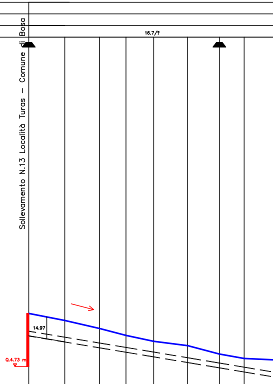
TEL./FAX: 070-8676226 070-8630928
E-MAIL: impresacogem@tiscali.it

E' vietata la riproduzione e diffusione in qualsiasi forma. Tutti i diritti sono riservati.

| | |
|---|---|
| SEZIONE TIPO | |
| DIAMETRO | |
| PENDENZA | 16.7/? |

Tratto 16


Sollevamento N.13 Località Turas – Comune di Bosa
14.97
Q.4.73 m

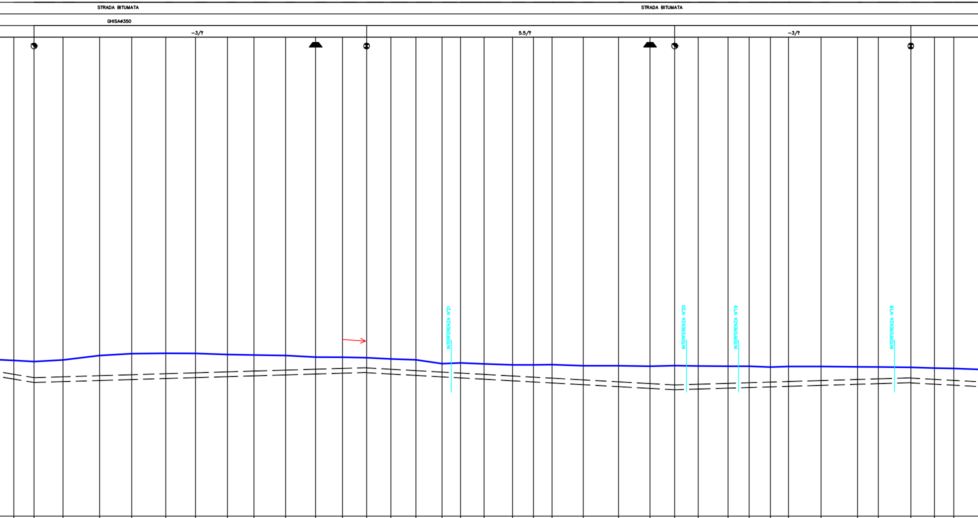
LEGENDA

| | |
|---|---|
| — — | CONDOTTA IN PRESSIONE |
| ━ | TERRENO |
| ▲ | Blocco di ancoraggio |
| ⊗ | Pozzetto di sfiato |
| ◐ | Pozzetto di scarico |
| ▌ | Sollevamento |
| → | Senso idraulico |

SCALE:
Orizzontale: 1/2000
Verticale: 1/200

Quota Rif.=-5.53

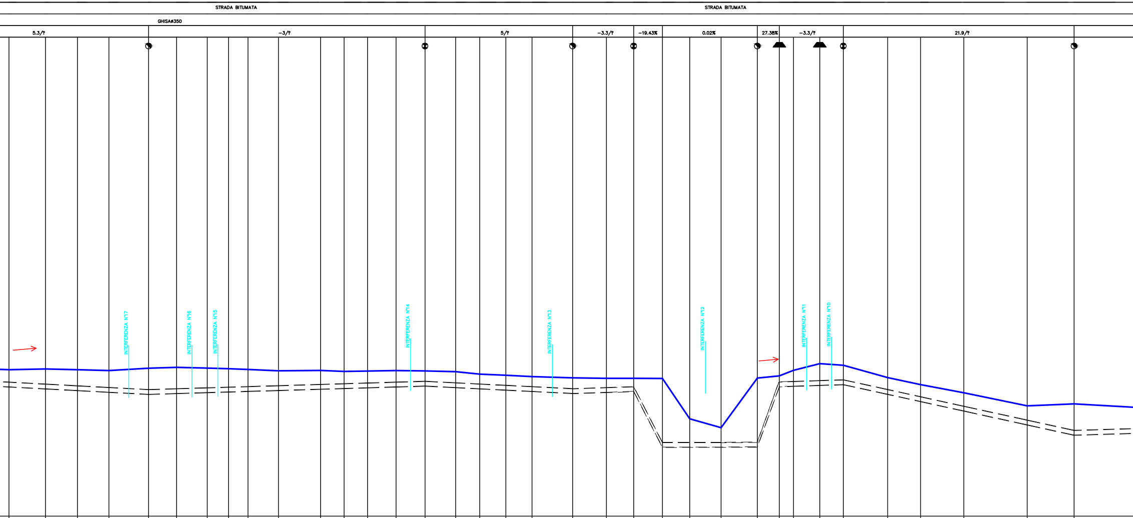
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PICCHETTI DI RIFERIM. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| QUOTA STRADA [m] | 8.38 | 7.9 | 7.35 | 6.88 | 6.47 | 6.17 | 5.6 | 5.29 |
| QUOTA SCORRIMENTO [m] | 6.85 | 6.44 | 6.04 | 5.74 | 5.42 | 5.03 | 4.66 | 4.38 |
| PROF.SCORRIMENTO [m] | 1.53 | 1.46 | 1.31 | 1.14 | 1.05 | 1.14 | .94 | .91 |
| PROF.MEDIA SCORRIM. [m] | 1.5 | 1.39 | 1.23 | 1.1 | 1.1 | 1.04 | .92 | 1.09 |
| DISTANZE PARZIALI [m] | 24.73 | 23.88 | 18.14 | 19.02 | 23.3 | 21.76 | 17 | 29.3 |
| DISTANZE PROGRESSIVE [m] | 0.00 | 24.73 | 48.61 | 66.75 | 85.77 | 109.07 | 130.83 | 147.83 |


STRADA BITUMATA
STRADA BITUMATA
GHISA⌀350
-3/‰
5.5/‰
-3/‰
INTERFERENZA N°21
INTERFERENZA N°20
INTERFERENZA N°19
INTERFERENZA N°18

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 5.16 | 5.08 | 5.19 | 5.5 | 5.62 | 5.65 | 5.64 | 5.56 | 5.53 | 5.5 | 5.39 | 5.38 |
| 3.89 | 3.66 | 3.72 | 3.8 | 3.86 | 3.93 | 3.99 | 4.06 | 4.11 | 4.18 | 4.24 | 4.39.3 |
| 1.27 | 1.42 | 1.47 | 1.7 | 1.76 | 1.72 | 1.65 | 1.5 | 1.42 | 1.32 | 1.15 | .9908 |
| 1.34 | 1.45 | 1.59 | 1.73 | 1.74 | 1.68 | 1.57 | 1.46 | 1.37 | 1.24 | 1.12 | 1.04 |
| 13.87 | 19.91 | 25.14 | 22.02 | 23.38 | 20.4 | 21.93 | 18.19 | 21.76 | 20.62 | 18.43 | 16.57 |
| 177.13 | 191 | 210.91 | 236.05 | 258.07 | 281.45 | 301.85 | 323.78 | 341.97 | 363.73 | 384.35 | 402.78 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
| 5.34 | 5.26 | 5.2 | 4.94 | 4.99 | 4.92 | 4.85 | 4.85 | 4.87 | 4.79 | 4.79 | 4.76 |
| 4.33 | 4.24 | 4.14 | 4.04 | 3.97 | 3.88 | 3.78 | 3.7 | 3.63 | 3.51 | 3.37 | 3.25 |
| 1.01 | 1.02 | 1.06 | 0.90 | 1.02 | 1.04 | 1.07 | 1.15 | 1.24 | 1.28 | 1.42 | 1.51 |
| 1.02 | 1.04 | 0.98 | 0.96 | 1.03 | 1.06 | 1.11 | 1.2 | 1.26 | 1.35 | 1.46 | 1.57 |
| 16.65 | 17.17 | 17.98 | 12.69 | 16.13 | 19.56 | 14.32 | 12.8 | 21.43 | 24.22 | 21.58 | 16.93 |
| 419.35 | 436 | 453.17 | 471.15 | 483.84 | 499.97 | 519.53 | 533.85 | 546.65 | 568.08 | 592.3 | 613.88 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 |
| 4.8 | 4.78 | 4.76 | 4.76 | 4.7 | 4.74 | 4.74 | 4.72 | 4.71 | 4.68 | 4.63 | 4.61 |
| 3.16 | 3.21 | 3.27 | 3.31 | 3.36 | 3.39 | 3.46 | 3.54 | 3.68 | 3.63 | 3.54 | 3.47 |
| 1.64 | 1.57 | 1.49 | 1.45 | 1.34 | 1.35 | 1.28 | 1.18 | 1.03 | 1.05 | 1.09 | 1.14 |
| 1.61 | 1.53 | 1.47 | 1.39 | 1.34 | 1.31 | 1.23 | 1.16 | 1.08 | 1.07 | 1.11 | 1.15 |
| 16.16 | 20.46 | 14.47 | 14.57 | 12.49 | 22.34 | 25.05 | 14.26 | 22.33 | 16.14 | 13.3 | 22.83 |
| 630.81 | 646.97 | 667.43 | 681.9 | 696.47 | 708.96 | 731.3 | 756.35 | 770.61 | 792.94 | 809.08 | 822.38 |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STRADA BITUMATA
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-19.43%
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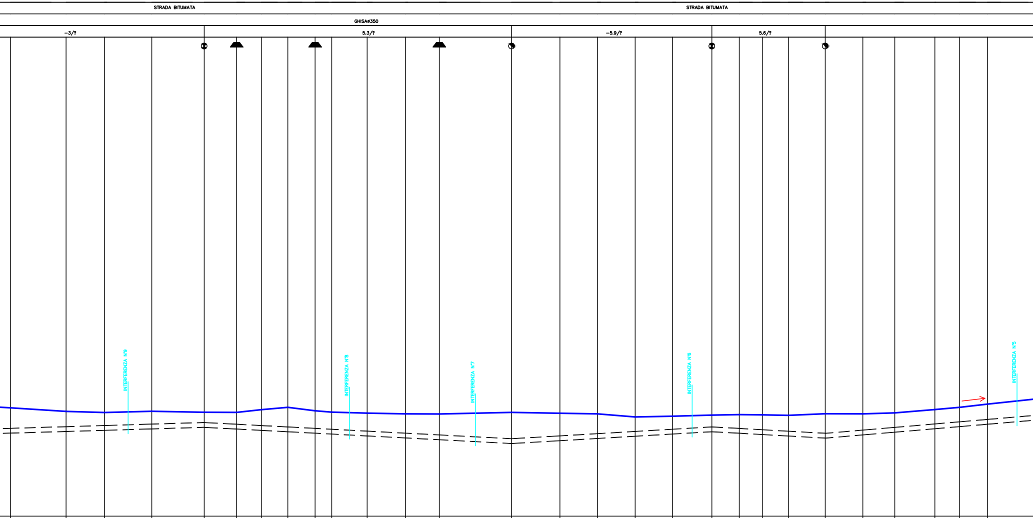
27.38%
-3.3/?
21.9/?
INTERFERENZA N°17
INTERFERENZA N°16
INTERFERENZA N°15
INTERFERENZA N°14
INTERFERENZA N°13
INTERFERENZA N°12
INTERFERENZA N°11
INTERFERENZA N°10

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 |
| 4.52 | 4.57 | 4.52 | 4.46 | 4.62 | 4.68 | 4.63 | 4.59 | 4.54 | 4.45 | 4.47 | 4.4 | 4.43 | 4.46 | 4.44 | 4.39 | 4.22 | 4.14 | 4.05 | 3.96 | 3.93 | 3.93 | 3.92 | 1.15 | .54 | 3.95 | 4.1 | 4.48 | 4.94 | 4.83 | 3.98 | 3.5 | 2.94 | 2.04 | 2.18 |
| 3.35 | 3.22 | 3.1 | 2.98 | 2.84 | 2.9 | 2.96 | 3 | 3.04 | 3.11 | 3.19 | 3.24 | 3.29 | 3.35 | 3.41 | 3.3 | 3.22 | 3.13 | 3.04 | 2.9 | 2.98 | 3.04 | -0.79 | -0.79 | -0.78 | -0.76 | 3.37 | 3.4 | 3.46 | 3.51 | 2.84 | 2.35 | 1.7 | 0.75 | 0.04 |
| 1.17 | 1.35 | 1.42 | 1.48 | 1.78 | 1.78 | 1.67 | 1.59 | 1.5 | 1.34 | 1.28 | 1.16 | 1.14 | 1.11 | 1.03 | 1.09 | 1 | 1.01 | 1.01 | 1.06 | 0.95 | 0.89 | 4.7 | 1.94 | 1.32 | 4.71 | 0.73 | 1.08 | 1.48 | 1.32 | 1.14 | 1.15 | 1.24 | 1.29 | 2.14 |
| 1.26 | 1.39 | 1.45 | 1.63 | 1.78 | 1.73 | 1.63 | 1.54 | 1.42 | 1.31 | 1.22 | 1.15 | 1.12 | 1.07 | 1.06 | 1.04 | 1 | 1.01 | 1.03 | 1.01 | 0.92 | 2.79 | 3.32 | 1.63 | 3.01 | 2.72 | 0.91 | 1.28 | 1.4 | 1.23 | 1.14 | 1.2 | 1.27 | 1.72 | 1.93 |
| 25.05 | 21.88 | 21.65 | 27.15 | 19.22 | 21.08 | 14.57 | 13.33 | 20.99 | 28.8 | 16.2 | 16.05 | 19.63 | 19.84 | 21.01 | 16.56 | 17.89 | 18.01 | 27.79 | 23.19 | 18.78 | 19.66 | 18.71 | 21.5 | 24.91 | 15.1 | 9.75 | 17.99 | 16.2 | 30.36 | 22.6 | 29.7 | 43.47 | 32.21 | 47.57 |
| 845.21 | 870.26 | 892.14 | 913.79 | 940.94 | 960.16 | 981.24 | 995.81 | 1009.14 | 1030.13 | 1058.93 | 1075.13 | 1091.18 | 1110.81 | 1130.65 | 1151.66 | 1168.22 | 1186.11 | 1204.12 | 1231.91 | 1255.1 | 1273.88 | 1293.54 | 1312.25 | 1333.75 | 1358.66 | 1373.76 | 1383.51 | 1401.5 | 1417.7 | 1448.06 | 1470.66 | 1500.36 | 1543.83 | 1576.04 |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STRADA BITUMATA
GHISA⌀350
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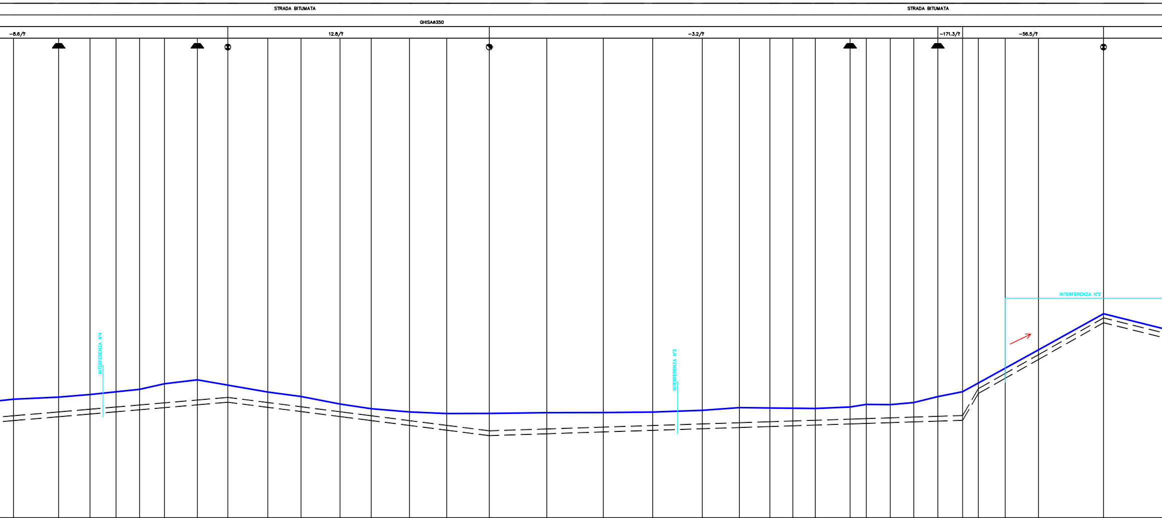
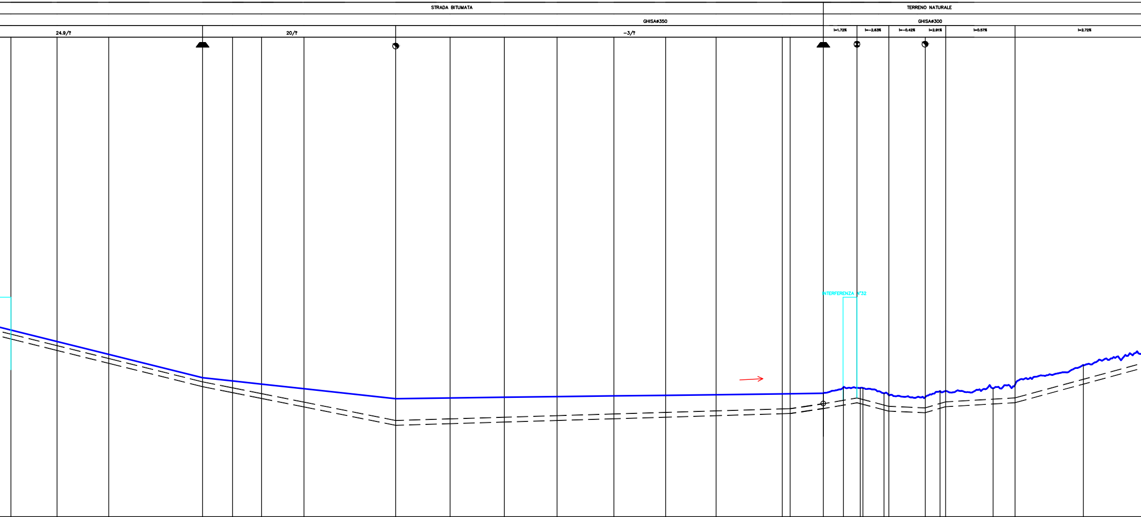
5.3/?
-5.9/?
5.6/?
INTERFERENZA N°9
INTERFERENZA N°8
INTERFERENZA N°7
INTERFERENZA N°6
INTERFERENZA N°5

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 |
| 1.91 | 1.66 | 1.58 | 1.67 | 1.6 | 1.59 | 1.78 | 1.94 | 1.7 | 1.61 | 1.54 | 1.49 | 1.48 | 1.59 | 1.53 | 1.49 | 1.28 | 1.33 | 1.41 | 1.44 | 1.42 | 1.39 | 1.5 | 1.49 | 1.56 | 1.79 | 1.94 | 2.16 |
| .18 | 0.3 | 0.38 | .47 | 0.58 | 0.46 | 0.37 | 0.28 | 0.18 | 0.12 | −0.01 | −.15 | −.27 | −0.53 | −0.33 | −0.18 | −0.03 | 0.12 | 0.28 | 0.17 | 0.09 | −0.01 | −0.16 | 0.06 | 0.25 | 0.48 | 0.63 | 0.79 |
| 1.73 | 1.36 | 1.2 | 1.2 | 1.02 | 1.13 | 1.41 | 1.66 | 1.52 | 1.49 | 1.55 | 1.64 | 1.75 | 2.12 | 1.86 | 1.67 | 1.31 | 1.21 | 1.13 | 1.27 | 1.33 | 1.4 | 1.66 | 1.43 | 1.31 | 1.31 | 1.31 | 1.37 |
| 1.55 | 1.28 | 1.2 | 1.11 | 1.07 | 1.27 | 1.53 | 1.59 | 1.51 | 1.52 | 1.59 | 1.69 | 1.93 | 1.99 | 1.77 | 1.49 | 1.26 | 1.17 | 1.2 | 1.3 | 1.37 | 1.53 | 1.54 | 1.37 | 1.31 | 1.31 | 1.34 | 1.41 |
| 38.19 | 26.37 | 32.5 | 35.92 | 22.28 | 16.99 | 18.17 | 18.73 | 11.37 | 24.32 | 26.46 | 23.11 | 49.62 | 33.18 | 25.71 | 25.9 | 25.7 | 26.94 | 18.84 | 15.79 | 17.94 | 25.3 | 25.82 | 21.94 | 27.5 | 16.99 | 19.08 | 40.53 |
| 1623.61 | 1661.8 | 1688.17 | 1720.67 | 1756.59 | 1778.87 | 1795.86 | 1814.03 | 1832.76 | 1844.13 | 1868.45 | 1894.91 | 1918.02 | 1967.64 | 2000.82 | 2026.53 | 2052.43 | 2078.13 | 2105.07 | 2123.91 | 2139.7 | 2157.64 | 2182.94 | 2208.76 | 2230.7 | 2258.2 | 2275.19 | 2294.27 |


STRADA BITUMATA
STRADA BITUMATA
GHISA∅350
-8.6/?
12.8/?
-3.2/?
-171.3/?
-56.5/?
INTERFERENZA N°4
INTERFERENZA N°3
INTERFERENZA N°2

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 |
| 2.59 | 2.74 | 2.91 | 3.1 | 3.27 | 3.65 | 3.92 | 3.56 | 3.08 | 2.78 | 2.26 | 1.94 | 1.72 | 1.61 | 1.62 | 1.67 |
| 1.14 | 1.41 | 1.59 | 1.74 | 1.88 | 2.03 | 2.22 | 2.4 | 2.05 | 1.76 | 1.42 | 1.14 | 0.81 | 0.48 | 0.11 | 0.24 |
| 1.45 | 1.33 | 1.32 | 1.36 | 1.39 | 1.62 | 1.7 | 1.16 | 1.03 | 1.02 | 0.84 | 0.8 | 0.91 | 1.13 | 1.51 | 1.43 |
| 1.39 | 1.33 | 1.34 | 1.37 | 1.51 | 1.66 | 1.43 | 1.09 | 1.03 | 0.93 | 0.82 | 0.85 | 1.02 | 1.32 | 1.47 | 1.37 |
| 30.96 | 21.58 | 17.79 | 16.25 | 17.01 | 22.55 | 20.95 | 27.4 | 22.82 | 26.75 | 21.44 | 26.2 | 25.61 | 29.14 | 39.49 | 38.82 |
| 2334.8 | 2365.76 | 2387.34 | 2405.13 | 2421.38 | 2438.39 | 2460.94 | 2481.89 | 2509.29 | 2532.11 | 2558.86 | 2580.3 | 2606.5 | 2632.11 | 2661.25 | 2700.74 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 |
| 1.68 | 1.71 | 1.83 | 2.02 | 1.99 | 1.97 | 1.96 | 2.06 | 2.24 | 2.22 | 2.36 | 2.77 | 3.11 | 3.7 | 4.72 | 5.98 | 8.45 |
| .36 | .47 | .58 | .66 | .73 | .78 | .83 | .91 | .95 | 1 | 1.05 | 1.1 | 1.16 | 3.00 | 4.04 | 5.33 | 7.85 |
| 1.32 | 1.24 | 1.25 | 1.36 | 1.26 | 1.19 | 1.13 | 1.15 | 1.29 | 1.22 | 1.31 | 1.67 | 1.95 | 0.7 | 0.68 | 0.65 | 0.6 |
| 1.28 | 1.24 | 1.3 | 1.31 | 1.22 | 1.16 | 1.14 | 1.22 | 1.26 | 1.26 | 1.49 | 1.81 | 1.32 | 0.69 | 0.66 | 0.62 | 0.6 |
| 33.85 | 34.02 | 25.5 | 20.88 | 15.72 | 15.46 | 23.83 | 11.13 | 16.44 | 16.14 | 16.49 | 17.09 | 10.74 | 18.47 | 22.81 | 44.63 | 47.57 |
| 2739.56 | 2773.41 | 2807.43 | 2832.93 | 2853.81 | 2869.53 | 2884.99 | 2908.82 | 2919.95 | 2936.39 | 2952.53 | 2969.02 | 2986.11 | 2996.85 | 3015.32 | 3038.13 | 3082.76 |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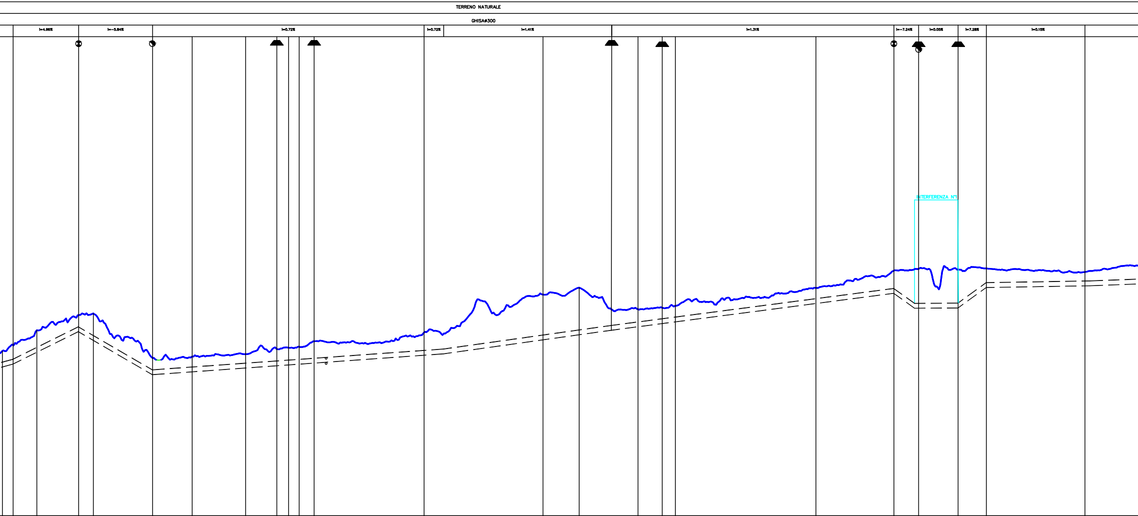
TERRENO NATURALE
GHISAø350
GHISAø300
24.9/?
20/?
-3/?
I=1.72%
I=-2.63%
I=-0.42%
I=2.91%
I=0.57%
I=2.72%
INTERFERENZA N°32

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 141 | 142 | 143 | 144 | 145 | 146 | 147 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160<br>161 | 162<br>163 | 164 | 165<br>166 | 167 | 168 | 169 |
| 7.27 | 6.48 | 5.6 | 4 | 3.78 | 3.56 | 3.24 | 2.56 | 2.61 | 2.66 | 2.7 | 2.75 | 2.79 | 2.83 | 2.89 | 2.9 | 2.95 | 3.36 | 3.32<br>3.32 | 2.96<br>2.82 | 2.69 | 3.11<br>3.10 | 3.30 | 3.55 | 4.89 |
| 6.67 | 5.88 | 5.00 | 3.4 | 2.99 | 2.59 | 2.01 | 0.75 | 0.86 | 0.97 | 1.08 | 1.2 | 1.3 | 1.41 | 1.54 | 1.56 | 1.92 | 2.15 | 2.26<br>2.21 | 1.83<br>1.74 | 1.64 | 1.93<br>2.04 | 2.23 | 2.32 | 3.59 |
| 0.6 | 0.6 | 0.6 | 0.70 | 0.79 | 0.97 | 1.23 | 1.81 | 1.75 | 1.69 | 1.62 | 1.55 | 1.49 | 1.42 | 1.35 | 1.34 | 1.03 | 1.21 | 1.06<br>1.11 | 1.13<br>1.08 | 1.05 | 1.17<br>1.06 | 1.07 | 1.23 | 1.30 |
| 0.6 | 0.6 | 0.6 | 0.70 | 0.88 | 1.1 | 1.52 | 1.78 | 1.72 | 1.65 | 1.59 | 1.52 | 1.45 | 1.38 | 1.34 | 1.15 | 1.15 | 1.12 | 1.08<br>1.12 | 1.12<br>1.10 | 1.07 | 1.12<br>1.06 | 1.15 | 1.26 | 1.19 |
| 31.67 | 35.46 | 64.37 | 20.59 | 19.92 | 29.08 | 62.95 | 37.32 | 37.23 | 36.18 | 39.03 | 35.42 | 34.67 | 45.34 | 5.44 | 22.78 | 13,78 | 11,51 | 1,87<br>14,45 | 3,34<br>24,94 | 10,23 | 3,76<br>32,61 | 15,11 | 46,82 | 41,20 |
| 3130.33 | 3162 | 3197.46 | 3261.83 | 3282.42 | 3302.34 | 3331.42 | 3394.37 | 3431.69 | 3468.92 | 3505.1 | 3544.13 | 3579.55 | 3614.22 | 3659.56 | 3665 | 3687 | 3701 | 3713<br>3715 | 3729<br>3732 | 3757 | 3767<br>3771 | 3804 | 3819 | 3866 |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GHISA⌀300
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I=-5.84%
I=0.72%
I=0.72%
I=1.41%
I=1.31%
I=-7.24%
I=0.05%
I=7.28%
I=0.15%
INTERFERENZA N°1

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 |
| 5.79 | 6.20 | 7.22 | 8.25 | 8.37 | 5.31 | 5.41 | 5.57 | 5.92 | 6.02 | 6.08 | 6.46 | 7.06 | 9.66 | 10.14 | 8.66 | 8.76 | 8.89 | 10.12 | 11.31 | 11.45 | 11.39 | 11.46 | 11.21 |
| 4.71 | 4.91 | 5.72 | 7.14 | 6.55 | 4.18 | 4.37 | 4.64 | 4.79 | 4.85 | 4.90 | 4.97 | 5.51 | 6.57 | 6.92 | 7.47 | 7.68 | 7.80 | 9.06 | 9.76 | 8.74 | 8.75 | 10.17 | 10.27 |
| 1.08 | 1.29 | 1.50 | 1.11 | 1.82 | 1.13 | 1.04 | 0.94 | 1.13 | 1.17 | 1.18 | 1.49 | 1.55 | 3.09 | 3.23 | 1.19 | 1.08 | 1.09 | 1.06 | 1.55 | 2.71 | 2.63 | 1.29 | 0.94 |
| 1.21 | 1.39 | 1.30 | 1.46 | 1.47 | 1.08 | 0.99 | 1.04 | 1.15 | 1.17 | 1.33 | 1.52 | 2.32 | 3.16 | 2.21 | 1.14 | 1.08 | 1.07 | 1.30 | 1.30 | 2.67 | 1.96 | 1.45 | 0.96 |
| 7,37 | 16,30 | 28,65 | 10,07 | 40,67 | 27,18 | 36,68 | 21,36 | 8,08 | 7,26 | 10,28 | 75,46 | 81,60 | 24,81 | 40,35 | 16,64 | 9,04 | 96,42 | 53,50 | 16,94 | 27,09 | 19,44 | 67,59 | 120,92 |
| 3907 | 3914 | 3931 | 3959 | 3969 | 4010 | 4037 | 4074 | 4095 | 4103 | 4110 | 4121 | 4196 | 4278 | 4302 | 4343 | 4359 | 4369 | 4465 | 4518 | 4535 | 4562 | 4581 | 4649 |

|  |  |  |  |
|---|---|---|---|
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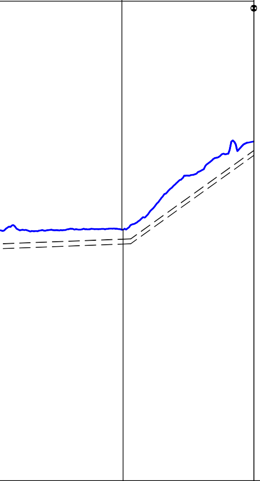
|  | GHISAø300 |  |  |
| i=0.38% |  | i=7.17% |  |



|  | 194 | 195 |
|---|---|---|
|  | 11.71 | 17.67 |
|  | 10.73 | 16.47 |
|  | 0.98 | 1.20 |
|  | 1.09 |  |
|  | 85,09 |  |
|  | 4770 | 4855.13 |

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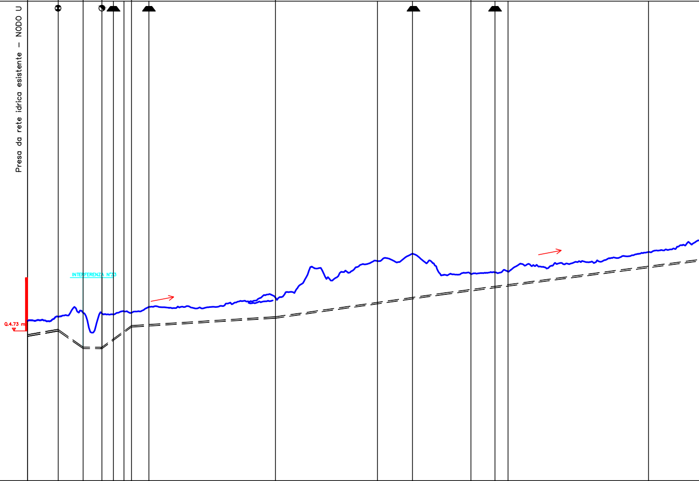
| SEZIONE TIPO | TERRENO NATURALE |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|
| DIAMETRO | GHISAø80 |  |  |  |  |  |  |
| PENDENZA | i=1.73% | i=-7.00% | i=-0.07% | i=6.69% | i=0.62% | i=1.39% | i=1.31% |

## Tratto 17


Presa da rete idrica esistente – NODO U
INTERFERENZA N°33
Q.4.73 m

— — CONDOTTA IN PRESSIONE

▬ TERRENO

▲ Blocco di ancoraggio

⊗ Pozzetto di sfiato

◒ Pozzetto di scarico

▌ Sollevamento

→ Senso idraulico

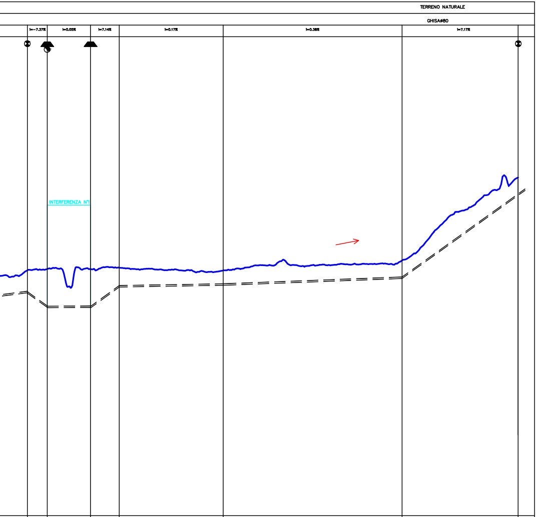
SCALE:

Orizzontale: 1/2000

Verticale: 1/200

Quota Rif.=-5.53

| PICCHETTI DI RIFERIM. | u | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QUOTA STRADA [m] | 5.43 | 5.70 | 5.96 | 5.93 | 5.86 | 6.07 | 6.06 | 6.38 | 6.94 | 9.52 | 10.03 | 8.63 | 8.73 | 8.80 | 10.14 |
| QUOTA SCORRIMENTO [m] | 4.37 | 4.73 | 3.53 | 3.52 | 4.05 | 4.54 | 5.01 | 5.07 | 5.54 | 6.58 | 6.92 | 7.48 | 7.69 | 7.81 | 9.07 |
| PROF.SCORRIMENTO [m] | 1.06 | 0.97 | 2.43 | 2.41 | 1.81 | 1.54 | 1.04 | 1.30 | 1.40 | 2.94 | 3.11 | 1.15 | 1.04 | 0.99 | 1.07 |
| PROF.MEDIA SCORRIM. [m] | 1.01 | 1.70 | 2.47 | 2.11 | 1.67 | 1.29 | 1.17 | 1.35 | 2.17 | 3.03 | 2.13 | 1.09 | 1.02 | 1.04 | 1.30 |
| DISTANZE PARZIALI [m] | 20,96 | 17,13 | 12,85 | 7,91 | 7,29 | 7,10 | 9,97 | 75,33 | 81,54 | 24,07 | 40,15 | 16,52 | 8,96 | 96,38 | 53,50 |
| DISTANZE PROGRESSIVE [m] | 000.00 | 20.96 | 38.09 | 50.94 | 58.84 | 66.14 | 73.24 | 83.21 | 158.54 | 240.08 | 264.15 | 304.30 | 320.83 | 329.78 | 426.17 |


TERRENO NATURALE
GHISAø80
I=-7.37%
I=0.05%
I=7.14%
I=0.17%
I=0.38%
I=7.17%
INTERFERENZA N°1

|  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | v |
| 11.30 | 11.42 | 11.39 | 11.49 | 11.22 | 11.69 | 17.68 |
| 9.77 | 8.75 | 8.76 | 10.16 | 10.28 | 10.73 | 16.45 |
| 1.53 | 2.68 | 2.63 | 1.32 | 0.94 | 0.96 | 1.22 |
| 2.1 | 2.65 | 1.97 | 1.13 | 0.95 | 2.18 |  |
| 16,46 | 26,81 | 19,65 | 67,59 | 120,92 | 85,09 |  |
| 479.66 | 496.12 | 522.93 | 542.58 | 610.17 | 731.08 | 816.18 |