

**Tabella delle emissioni foniche**

| Segmento n° | Asse   | Proprietario | Pendenza % | TGM  | Situazione prima del risanamento |       |      |   |       |       | Situazione dopo il risanamento |               |                        |                 |      |               |                        |                 |      |
|-------------|--------|--------------|------------|------|----------------------------------|-------|------|---|-------|-------|--------------------------------|---------------|------------------------|-----------------|------|---------------|------------------------|-----------------|------|
|             |        |              |            |      | Coefficiente                     |       | % VP |   | K1    |       | Pendenza k dB(A)               | Velocità km/h | Pavimentazione k dB(A) | Emissioni dB(A) |      | Velocità km/h | Pavimentazione k dB(A) | Emissioni dB(A) |      |
|             |        |              |            |      | G                                | N     | G    | N | G     | N     |                                |               |                        | G               | N    |               |                        | G               | N    |
| 1           | P399.1 | TI           | 0          | 3521 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -4.99 | 0                              | 30            | 1                      | 72.1            | 57.4 | 30            | -3                     | 68.1            | 53.4 |
| 2           | P399.1 | TI           | 4          | 3521 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -4.99 | 0.2                            | 30            | 1                      | 72.3            | 57.6 | 30            | -3                     | 68.3            | 53.6 |
| 3           | P399.1 | TI           | 8          | 3810 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -4.65 | 1                              | 30            | 1                      | 73.4            | 59.1 | 30            | -3                     | 69.4            | 55.1 |
| 4           | P399.1 | TI           | 3          | 3810 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -4.65 | 0                              | 30            | 1                      | 72.4            | 58.1 | 30            | -3                     | 68.4            | 54.1 |
| 5           | P399.1 | TI           | 3          | 3810 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -4.65 | 0                              | 30            | 1                      | 72.4            | 58.1 | 30            | -3                     | 68.4            | 54.1 |
| 6           | P399.1 | TI           | 3          | 8365 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -1.23 | 0                              | 30            | 1                      | 75.9            | 64.9 | 30            | -3                     | 71.9            | 60.9 |
| 7           | P399.1 | TI           | 0          | 8365 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -1.23 | 0                              | 30            | 1                      | 75.9            | 64.9 | 30            | -3                     | 71.9            | 60.9 |
| 8           | P399.1 | TI           | 0          | 8365 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -1.23 | 0                              | 50            | 1                      | 77.5            | 66.8 | 50            | -3                     | 73.5            | 62.8 |
| 9           | P399.1 | TI           | 0          | 8365 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -1.23 | 0                              | 50            | 0                      | 76.5            | 66.8 | 50            | -3                     | 73.5            | 62.8 |
| 10          | S311   | TI           | 0          | 7208 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -1.84 | 0                              | 50            | 0                      | 75.9            | 64.5 | 50            | -3                     | 72.9            | 61.5 |
| 11          | S311   | TI           | 0          | 6583 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -2.27 | 0                              | 50            | 1                      | 76.5            | 64.7 | 50            | -3                     | 72.5            | 60.7 |
| 12          | S312   | TI           | 5          | 2541 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -5.00 | 0.4                            | 50            | 1                      | 72.8            | 58.2 | 50            | -3                     | 68.8            | 54.2 |
| 13          | S312   | TI           | 0          | 1779 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -5.00 | 0                              | 50            | 1                      | 70.8            | 56.3 | 50            | -3                     | 66.8            | 52.3 |
| 14          | S312   | TI           | 0          | 1499 | 0.058                            | 0.009 | 10   | 5 | -0.61 | -5.00 | 0                              | 50            | 1                      | 69.5            | 55.5 | 50            | 1                      | 69.5            | 55.5 |
| 15          | S312   | TI           | 5          | 1499 | 0.058                            | 0.009 | 10   | 5 | -0.61 | -5.00 | 0.4                            | 50            | 1                      | 69.9            | 55.9 | 50            | 1                      | 69.9            | 55.9 |
| 16          | S312   | TI           | 4          | 1285 | 0.058                            | 0.009 | 10   | 5 | -1.28 | -5.00 | 0.2                            | 80            | 2                      | 72.6            | 59.6 | 80            | 2                      | 72.6            | 59.6 |
| 17          | S312   | TI           | 5          | 1285 | 0.058                            | 0.009 | 10   | 5 | -1.28 | -5.00 | 0.4                            | 50            | 1                      | 68.5            | 55.3 | 50            | 1                      | 68.5            | 55.3 |
| 18          | S312   | TI           | 7          | 999  | 0.058                            | 0.009 | 10   | 5 | -2.37 | -5.00 | 0.8                            | 50            | 1                      | 66.7            | 54.6 | 50            | 1                      | 66.7            | 54.6 |
| 19          | S312   | TI           | 8          | 999  | 0.058                            | 0.009 | 10   | 5 | -2.37 | -5.00 | 1                              | 50            | 1                      | 66.9            | 54.8 | 50            | 1                      | 66.9            | 54.8 |
| 20          | S312   | TI           | 6          | 827  | 0.058                            | 0.009 | 10   | 5 | -3.19 | -5.00 | 0.6                            | 50            | 1                      | 64.9            | 53.5 | 50            | 1                      | 64.9            | 53.5 |
| 21          | S312   | TI           | 5          | 827  | 0.058                            | 0.009 | 10   | 5 | -3.19 | -5.00 | 0.4                            | 50            | 1                      | 64.7            | 53.3 | 50            | 1                      | 64.7            | 53.3 |
| 22          | S312   | TI           | 10         | 598  | 0.058                            | 0.009 | 10   | 5 | -4.60 | -5.00 | 1.4                            | 50            | 1                      | 62.9            | 52.9 | 50            | 1                      | 62.9            | 52.9 |
| 23          | S312   | TI           | 7          | 598  | 0.058                            | 0.009 | 10   | 5 | -4.60 | -5.00 | 0.8                            | 50            | 1                      | 62.3            | 52.3 | 50            | 1                      | 62.3            | 52.3 |
| 24          | S312   | TI           | 7          | 598  | 0.058                            | 0.009 | 10   | 5 | -4.60 | -5.00 | 0.8                            | 80            | 2                      | 66.5            | 56.8 | 80            | 2                      | 66.5            | 56.8 |
| 25          | S312   | TI           | 7          | 387  | 0.058                            | 0.009 | 10   | 5 | -5.00 | -5.00 | 0.8                            | 80            | 2                      | 64.2            | 55   | 80            | 2                      | 64.2            | 55   |
| 26          | S312.1 | TI           | 8          | 619  | 0.058                            | 0.009 | 10   | 5 | -4.45 | -5.00 | 1                              | 80            | 2                      | 67              | 57.2 | 80            | 2                      | 67              | 57.2 |
| 27          | S312.1 | TI           | 7          | 0    | 0.058                            | 0.009 | 10   | 5 | 0.00  | 0.00  | 0.8                            | 80            | 2                      | 0               | 0    | 80            | 2                      | 0               | 0    |
| 28          | S312.1 | TI           | 7          | 0    | 0.058                            | 0.009 | 10   | 5 | 0.00  | 0.00  | 0.8                            | 50            | 1                      | 0               | 0    | 50            | 1                      | 0               | 0    |
| 29          | S313   | TI           | 5          | 7597 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -1.65 | 0.4                            | 50            | 1                      | 77.5            | 66.3 | 50            | -3                     | 73.5            | 62.3 |
| 30          | S313   | TI           | 0          | 8556 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -1.13 | 0                              | 50            | 1                      | 77.6            | 67   | 50            | -3                     | 73.6            | 63   |
| 31          | S313   | TI           | 4          | 8276 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -1.28 | 0.2                            | 50            | 1                      | 77.7            | 66.9 | 50            | -3                     | 73.7            | 62.9 |
| 32          | S313   | TI           | 3          | 8276 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -1.28 | 0                              | 50            | 1                      | 77.5            | 66.7 | 50            | -3                     | 73.5            | 62.7 |
| 33          | S313   | TI           | 0          | 2898 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -5.00 | 0                              | 50            | 1                      | 72.9            | 58.4 | 50            | -3                     | 68.9            | 54.4 |
| 34          | S313   | TI           | 0          | 2898 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -5.00 | 0                              | 50            | 1                      | 72.9            | 58.4 | 50            | 1                      | 72.9            | 58.4 |
| 35          | S313   | TI           | 0          | 2898 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -5.00 | 0                              | 50            | 0                      | 71.9            | 57.4 | 50            | 0                      | 71.9            | 57.4 |
| 36          | S313   | TI           | 0          | 2985 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -5.00 | 0                              | 50            | 0                      | 72.1            | 57.5 | 50            | 0                      | 72.1            | 57.5 |
| 37          | S313   | TI           | 0          | 2472 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -5.00 | 0                              | 50            | 0                      | 71.3            | 56.7 | 50            | 0                      | 71.3            | 56.7 |
| 38          | S313   | TI           | 0          | 2472 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -5.00 | 0                              | 50            | 1                      | 72.3            | 57.7 | 50            | 1                      | 72.3            | 57.7 |
| 39          | S313   | TI           | 3          | 1912 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -5.00 | 0                              | 50            | 1                      | 71.1            | 56.6 | 50            | 1                      | 71.1            | 56.6 |
| 40          | S313   | TI           | 0          | 1912 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -5.00 | 0                              | 50            | 1                      | 71.1            | 56.6 | 50            | 1                      | 71.1            | 56.6 |
| 41          | S313   | TI           | 4          | 4932 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -3.53 | 0.2                            | 50            | 1                      | 75.5            | 62.4 | 50            | -3                     | 71.5            | 58.4 |
| 42          | S313   | TI           | 8          | 4932 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -3.53 | 1                              | 50            | 1                      | 76.3            | 63.2 | 50            | -3                     | 72.3            | 59.2 |
| 43          | S313   | TI           | 7          | 5019 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -3.45 | 0.8                            | 50            | 1                      | 76.1            | 63.1 | 50            | -3                     | 72.1            | 59.1 |
| 44          | S313   | TI           | 7          | 5019 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -3.45 | 0.8                            | 50            | 0                      | 75.1            | 62.1 | 50            | 0                      | 75.1            | 62.1 |
| 45          | S313   | TI           | 7          | 4903 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -3.55 | 0.8                            | 50            | 0                      | 75              | 61.9 | 50            | 0                      | 75              | 61.9 |
| 46          | S313   | TI           | 8          | 4903 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -3.55 | 1                              | 50            | 0                      | 75.2            | 62.1 | 50            | 0                      | 75.2            | 62.1 |
| 47          | S313   | TI           | 5          | 4903 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -3.55 | 0.4                            | 50            | 0                      | 74.6            | 61.5 | 50            | 0                      | 74.6            | 61.5 |
| 48          | S313   | TI           | 5          | 4903 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -3.55 | 0.4                            | 50            | 0                      | 74.6            | 61.5 | 50            | 0                      | 74.6            | 61.5 |
| 49          | S313   | TI           | 7          | 4286 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -4.14 | 0.8                            | 50            | 0                      | 74.4            | 60.8 | 50            | 0                      | 74.4            | 60.8 |
| 50          | S313   | TI           | 7          | 4286 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -4.14 | 0.8                            | 50            | 1                      | 75.4            | 61.8 | 50            | -3                     | 71.4            | 57.8 |
| 51          | S313   | TI           | 6          | 4286 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -4.14 | 0.6                            | 50            | 1                      | 75.2            | 61.6 | 50            | -3                     | 71.2            | 57.6 |
| 52          | S313   | TI           | 4          | 3902 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -4.54 | 0.2                            | 50            | 1                      | 74.4            | 60.3 | 50            | -3                     | 70.4            | 56.3 |
| 53          | S313   | TI           | 3          | 3902 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -4.54 | 0                              | 50            | 1                      | 74.2            | 60.1 | 50            | 1                      | 74.2            | 60.1 |
| 54          | S313   | TI           | 4          | 3902 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -4.54 | 0.2                            | 50            | 1                      | 74.4            | 60.3 | 50            | 1                      | 74.4            | 60.3 |
| 55          | S313.5 | TI           | 0          | 3787 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -4.67 | 0                              | 30            | 1                      | 72.4            | 58.1 | 30            | -3                     | 68.4            | 54.1 |
| 56          | S313.5 | TI           | 0          | 3795 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -4.67 | 0                              | 30            | 1                      | 72.4            | 58.1 | 30            | -3                     | 68.4            | 54.1 |
| 57          | S313.5 | TI           | 3          | 3506 | 0.058                            | 0.009 | 10   | 5 | 0.00  | -5.00 | 0                              | 30            | 1                      | 72.1            | 57.4 | 30            | -3                     | 68.1            | 53.4 |

**Legenda**

**Fonti di emissione**

Strade cantonali

**Edifici**

- Edifici con locali sensibili che rientrano nell'area di calcolo del progetto
- Edifici senza locali sensibili (accessori) che rientrano nell'area di calcolo del progetto
- Edifici esclusi dall'area di calcolo del progetto

**Altri elementi**

- Tratte con interventi di limitazione delle emissioni foniche (v. piano delle immissioni)
- Limite della Sezione comunale

CAPRIASCA-SALA

CAPRIASCA-CAGIALLO

CAPRIASCA-SALA

CAPRIASCA-LOPAGNO

CAPRIASCA-SALA

CAPRIASCA-LUGAGGIA

CAPRIASCA-CAGIALLO

**RISANAMENTO FONICO LUGANESE**

**FASE PRIORITARIA**

Progetto di risanamento fonico degli assi stradali cantonali del

COMUNE DI CAPRIASCA  
Sezione di TESSERETE

**PIANO DI SITUAZIONE E EMISSIONI FONICHE DEGLI IMPIANTI STRADALI**

Piano 1.0

Data: 3 settembre 2018  
 Scala: 1:2500  
 Dim.: 840 x 914 mm  
 Operatore: UPR

**UFFICIO DELLA PREVENZIONE DEI RUMORI**  
 Via Franco Zorzi 13  
 6501 BELLINZONA  
 tel.: 091 / 814 29 51  
 fax: 091 / 814 29 79  
 e-mail: dt-upr@ti.ch