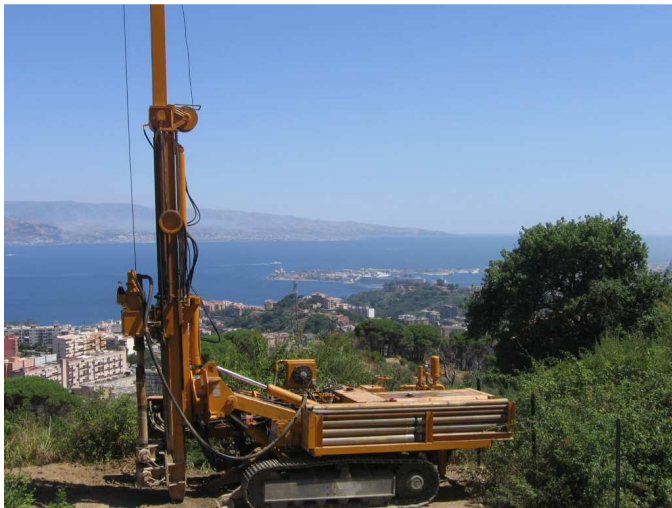




Project:
THE STRAIT OF MESSINA BRIDGE
 Definitive plan - road and railway infrastructures
 Sicily side

Period: May-July 2011

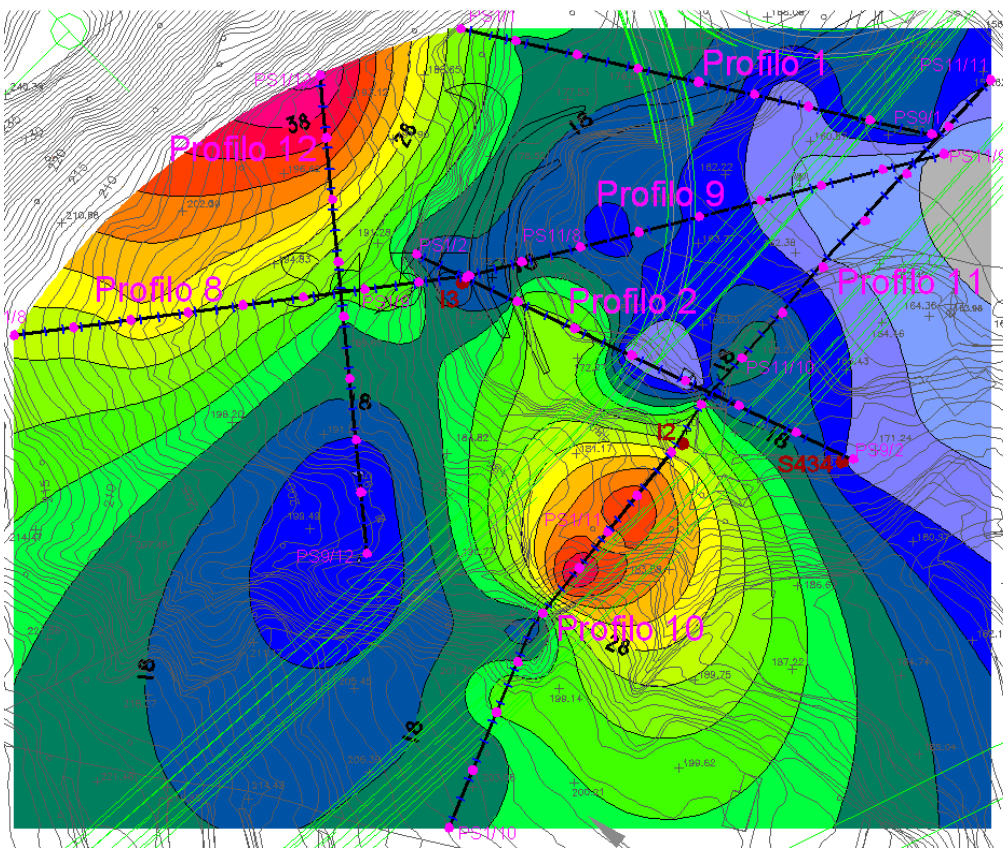


LAB WORK:

The contract provided for the geotechnical characterization of soils involved in the creation of road and railway infrastructures connecting the bridge.

The following investigations were carried out:

- 39 geotechnical surveys at the max. depth 110 m.
- Installation of piezometers, inclinometers and geophysics pipes
- Borehole testing with rock dilatometer
- Pressiometric tests
- Tests with flat Marchetti dilatometer
- 21 seismic refraction profiles with tomographic method
- down-hole tests



Map illustrating the trend of the higher part of the substratum obtained by the elaboration of seismic profiles. In the picture below a track of a seismic refraction profile and part of the utilized equipment



Laboratorio autorizzato ai sensi art. 59 DPR 380/01 dal 2004
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