



Project:

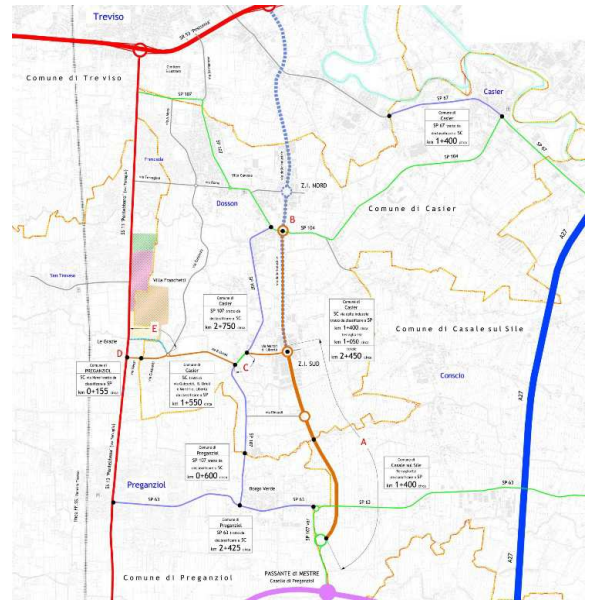
Complementary works for "Passante di Mestre" (Mestre bypass)

CPASS3 - Int.31 "Terraglio Est" – Casale sul Sile (TV)

Period: November 2009

THE PROJECT

Among the many complementary works to the Mestre bypass the project called Terraglio Est provides for the fast connection between the orbital road of Treviso and the toll booth of Mestre bypass at Preganziol.



Equipment for FWD tests

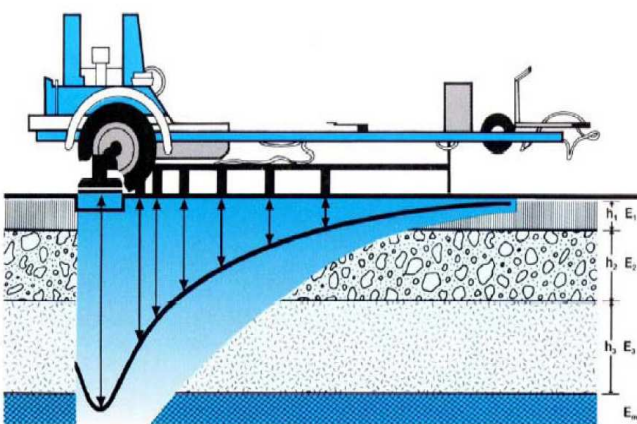
LAB WORK:

The project provided for a study of the geotechnics of soils for the planning of viaducts and artificial tunnels.

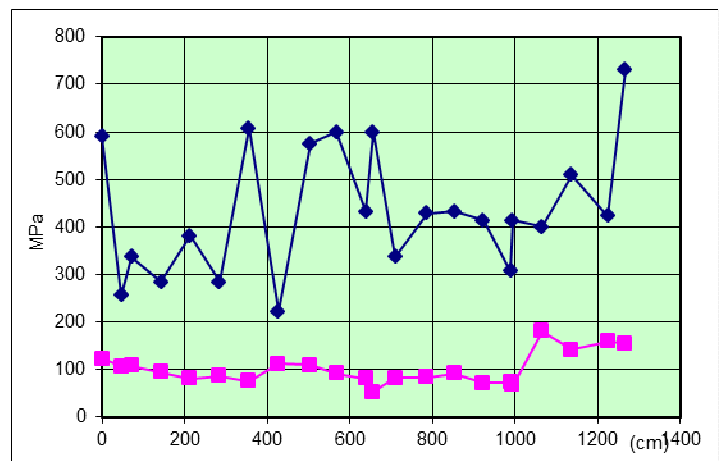
The laboratory also executed a survey on the structural characteristics of the road pavement of Via Delle Industrie in Dosson (Treviso).

This involved in particular the following investigations:

- Geotechnical surveys at the depth of 50 metres, with collection of undisturbed samples and execution of SPT
- CPTU piezocone penetration tests
- Geotechnical laboratory tests
- Geophysical tests with MASW method
- Falling Weight Deflectometer tests
- Topographic relief



FWD configuration testing scheme



Stiffness modules calculated along the trace