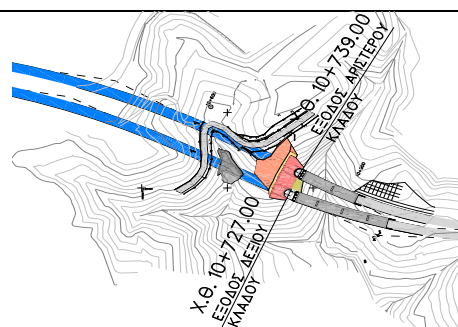
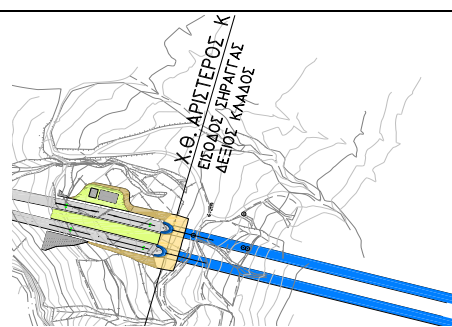
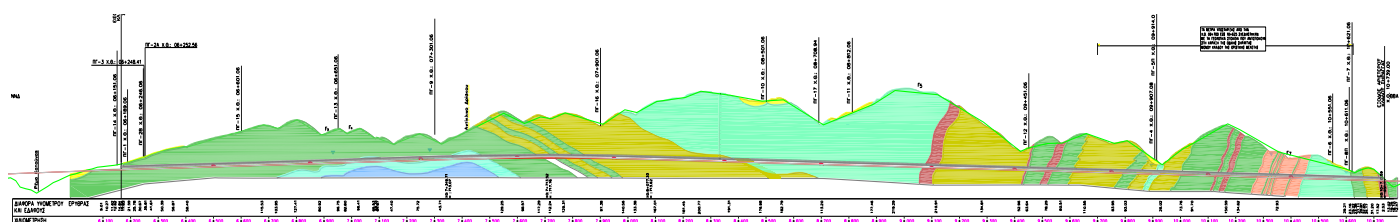


<b>ASSIGNMENT NAME:</b>	<b>EGNATIA ODOS – Section 2.3 – Drosohori - Arachthos Driskos Tunnel Final Design</b>
<b>Country:</b>	GREECE
<b>Location:</b>	Egnatia Odos – Drosohori – Arachthos
<b>Client:</b>	EGNATIA ODOS S.A.
<b>Start date (month / year):</b>	1998
<b>Completion date (month / year):</b>	2002
<b>Other members of partnership (if any):</b>	-----
<b>Consortium Leader:</b>	G. Parigoris
<b>Construction Cost (€):</b>	58.500.000,00 €
<b>Value of the Services provided / Participation</b>	Geotechnical Design: 495.950,00 €/100%, - Structural Design: 763.000,00 € /100%
<b>Assignment state:</b>	The Final Design has been approved and the tunnel construction is complete



#### Narrative description of Project:

The Driskos Tunnel is a twin tunnel located in section 2.3 of Egnatia Odos which spans from Drosohori to Arachthos River. Included are:

- the construction of a twin tunnel of 4572,00m for the left and 4606,79m for the right branch. The cross-sectional area amounts to 105m<sup>2</sup> and the maximum clearance height is 4,50m.
- the construction of twelve cross-passages which connect the two main tunnels. Three of the cross-passages support vehicle reversal.
- the construction of four widened parking niches in every road tunnel.
- the construction of the necessary niches for the inspection and maintenance of the tunnel drainage system as well as the emergency cabinet and the emergency telephone booth.
- the construction of the entrance and exit portal structures.

#### Description of services provided within the assignment:

The deliverables included the evaluation of the geotechnical investigations as well as the design for the preliminary support according to the NATM for six categories of support measures (A to F) for the road tunnels, as well as the cross-passages and niches. The support design for the portal excavations is also provided as well as the design of a ventilation shaft.

As far as the final (inner) lining is concerned, statical calculations were performed for all the cross-sections of the road tunnels, as well as the cross-passages and the portal structures, which are to be constructed as cut&cover structures.