
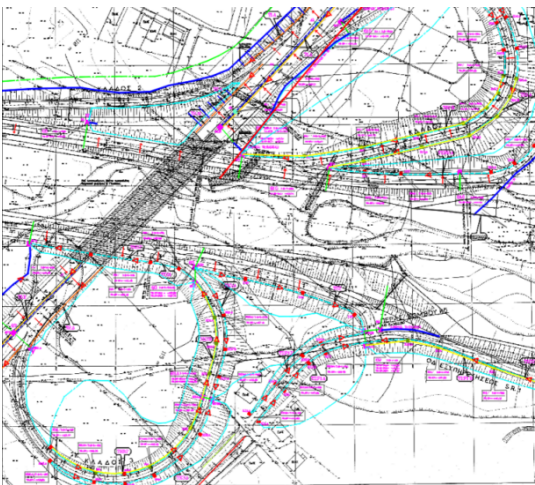


		Project title		Technical studies for bypass road connections with new Port of Patra and City of Patra Settlement of river Glaukos and artery downstream of junction KE of E.P.P. to its confluence				
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partner(s) [if any]
	Greece	99.486,43	100%	5	Ministry of Environment, Planning and Public Works / DMEO	Ministry of Environment, Planning and Public Works / DMEO	1997 - 1999	-
Detailed description of project						Type of services provided		
 <p><i>Layout of the Glaukos River and the Patra city by-pass highway junction</i></p> <p>“Glaukos” river, with a 67km<sup>2</sup> watershed, is one of the biggest in the Prefecture of Achaia in Western Greece. The 6km long “Patra” city by-pass highway, is the major transportation project in the area and it crosses “Glaukos” river. At the cross-site, a multilevel junction is developed and a complicated drainage network is designed in order to serve the junction branches, the service roads and the part of the highway at the junction. The project was co - funded by the Greek Ministry of Environment (YPEXODE) and the European Commission.</p> <p>Following the road alignment design, the drainage network design encompasses three major study modules:</p> <ul style="list-style-type: none"> <li>• Estimation of the water highest levels at the Glaukos riverbanks via flood forecasting analysis of the river regime.</li> <li>• Simulation of the total surface runoff from the highway surrounding watersheds, the road and the pavements.</li> <li>• Selection of the drainage dumping sites at the Glaukos riverbanks and design of the relevant transport and control structures.</li> </ul>						<ul style="list-style-type: none"> <li>• Preliminary and Environmental Impact Assessment</li> </ul>		