Doxiadis Associates

TECHNICAL ASSISTANCE FOR HIGHWAY CONCESSION CONTRACTS

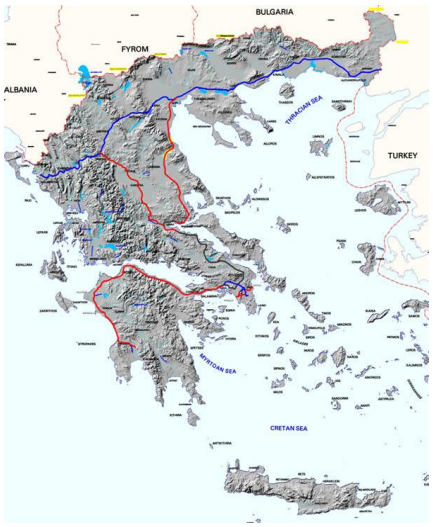
The project concerns the provision of Technical Assistance to the Ministry of Environment, Planning and Public Works throughout all stages of the proceedings for the signing of the following highway Concession Contracts:

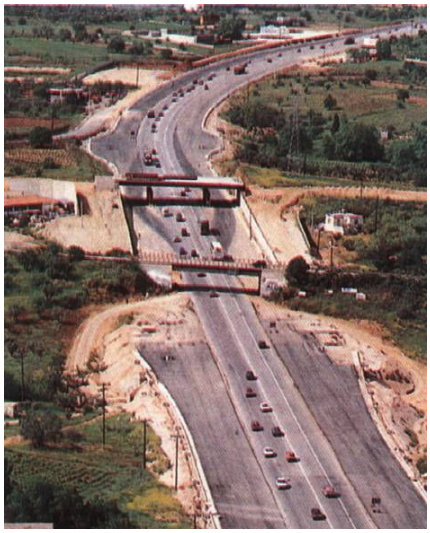
- **Maliakos – Kleidi** highway Concession Contract which is part of the PATHE Highway traversing from south to north of Greece linking the cities of Patras (in the south) – Athens – Thessaloniki – Evzoni (in the north).
  Total Length: 230 Km
  New Sections to be constructed: 25 Km of motorway including 11 Km twin tube tunnels (22 km single tube tunnel in both directions),
  Existing PATHE Sections to be upgraded and then operated and maintained by the Concessionaire: 205 Km
  Total initial investment cost: 700 million EUR
  Total Cost of Operation and Maintenance throughout the Concession Period (30 years): 795 million EUR

- **Central Greece** highway Concession Contract which is a new highway connecting PATHE Highway (North - South axe) and Egnatia Highway (East – West axe)
  Total Length: 230 Km
  New Sections to be constructed: 190 Km
  Existing or under construction Sections to be upgraded and then operated and maintained by the Concessionaire: 40 Km
  Total initial investment cost: 1.100 million EUR

- **Elefsina – Korinth – Patra – Pyrgos – Tsakona** highway Concession Contract.
  Total Length: 350 Km
  New Sections to be constructed: 287 Km
  Existing or under construction Sections to be upgraded and then operated and maintained by the Concessionaire: 63 Km
  Total initial investment cost: 2.000 million EUR

- **Attica Urban Highway Concession Contract.**
  Total Length: 44 Km
  New Sections to be constructed: 40 Km
  Existing or under construction Sections to be upgraded and then operated and maintained by the Concessionaire: 4 Km
  Total initial investment cost: 800 million EUR







Services Provided:

- Elaboration of Project feasibility study in accordance with the Concession requirements and in cooperation with the Financial Advisor of the Greek State. Technical assistance to the financial advisor providing all required technical documentation for securing project financing
- Design review of all studies pertaining to engineering highways design, bridges / interchanges / tunnels, hydraulic studies, geotechnical investigations, environmental impact assessment, risk analysis, value engineering, landscaping, specifications and cost estimates
- Review Environmental Impact Assessment Study, and provide to the Service technical assistance until the issue of the Environmental Terms
- Definition of technical requirements/criteria for pre-selection of tenderers
- Drafting technical information of the contract documents (including specifications, Invitation to Tender and Draft Concession Contract)
- Definition of highway operation and maintenance requirements
- Definition of quality assurance and control requirements during the design and construction phases.

DATA ON OVERALL PROJECT

Name of Client *Ministry of Environment, Planning and Public Works*	Start Date *2001*	Project Value in 12/2004 prices *4.500.000.000,00 Euro*
Project Location within Country	Completion Date *2005*	Value of Services in 12/2004 prices *3.613.118,00 Euro*