



KALLIERGOS O.T.M.
CONSULTING ENGINEERING COMPANY

THE METAMORPHOSIS INTERCHANGE BRIDGES IN ATTIKI ODOS

CLIENT:

Ministry for Environment
Dir. of Road Constructions of Attiki

PERIOD:

1997 - 1998

CONTRACTOR:

J/V ATTIKI ODOS

DESCRIPTION:

The Metamorphosis Interchange comprises structures deployed in 4 levels serving the following:

Level 4: Ramp 5 and Ramp 8 bridges. These bridges were constructed over the facilities of the other levels which were constructed at an earlier stage.

Level 3: Ramp 3 and Ramp 4 bridges.

Level 2: Bridge carrying the Athens-Lamia National Road.

Level 1: Underground passage of E-S-S freeway and the Suburban R/R Line.

The bridge of ramp 5 has a total length of 456m (central spans 47,5m) whereas ramp 8 bridge has a total length of 470,0m (central spans 61,40m).

Both bridges feature prestressed concrete continuous deck supported by single column piers via elastomeric bearing. All piers are on bored piles foundations.

