



KALLIERGOS O.T.M.
CONSULTING ENGINEERING COMPANY

TUNNELS BY CUT & COVER AT IMITTOS PERIPHERAL

CLIENT:

Ministry for Environment
Dir. of Road Constructions of Attiki

PERIOD:

1999 - 2003

CONTRACTOR:

J/V ATTIKI ODOS

DESCRIPTION:

To fulfill the environmental requirements for reestablishment of the landscape, the Cut and Cover method was extensively used in a total length of 3.600m. The structures mostly twin, with a width typically of 14,5m (8m-22m), were constructed by cast in situ straight walls, prefabricated arch beams and a final curved cover of reinforced concrete. The system in some places has side openings for the lighting. The area was backfilled and planted. The excavation was partially retained by piling or shotcrete and bolting.

