



EGNATIA ODOS S.A

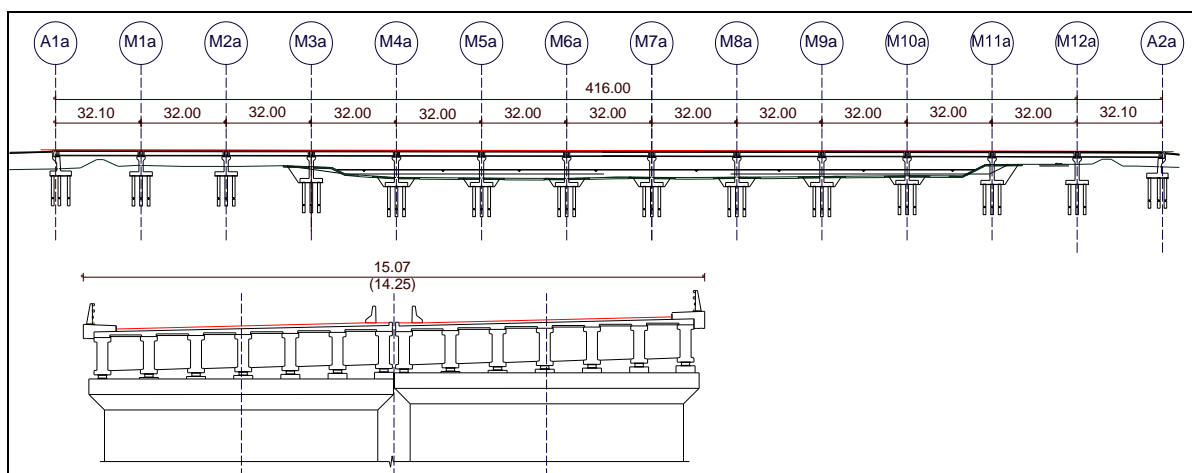
SECTION AMAXADES - KOMOTINI / BRIDGE OVER THE RIVER KOMPSATOS (km 12+837)

PROJECT BUDGET: 11.140.100 €
CONSTRUCTION: HELLINIKI TECHNODOMIKI - THEMELIODOMI
DESIGN: KANON CONSULTING (1999)

This bridge measured 416.0m long with 13 equal spans of 32.0m each. Constructed with a cast in situ, reinforced concrete slab and prefabricated prestressed (post tensioned) girders measuring 1.80m in height, the bridge also consisted of two branches 14.0m wide each, one for each traffic direction. In plan, the bridge was curved and intersected with the river axis at an approximate angle of 79G.

The piers were made up of wall-type sections 6.0-10.0m high and 1.50m thick. In addition, the foundation for each pier was a set of 15, 1.00m diameter piles with lengths measuring between 16-17m. A beam - on which the precast girders were placed - was formed on top of the piers; the girders rested on elastomeric bearings.

The abutments consisted of wall-type sections variable in height: their foundation was created with piles measuring 1.0m diameter, 17.0m long for abutment A1 and 19.70m for A2.



Longitudinal section and cross section of the bridge over the river Kompsatos



Egnatia Odos: Bridge over the river Kompsatos