

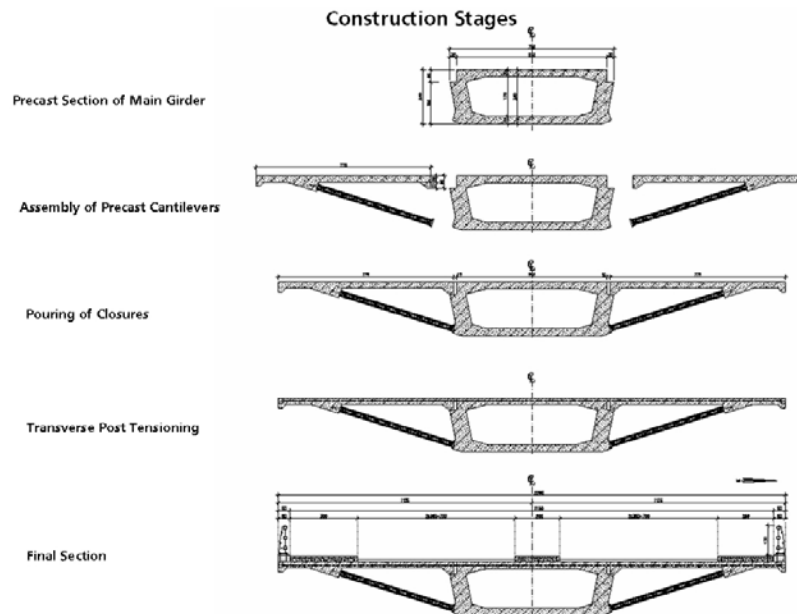
Em Ha'Moshavot Bridge

Location	Petach Tivka, Israel
Client	Netivei Ayalon
Date	2006
Services	All design services
ABES member	ABES Israel – KEDMOR

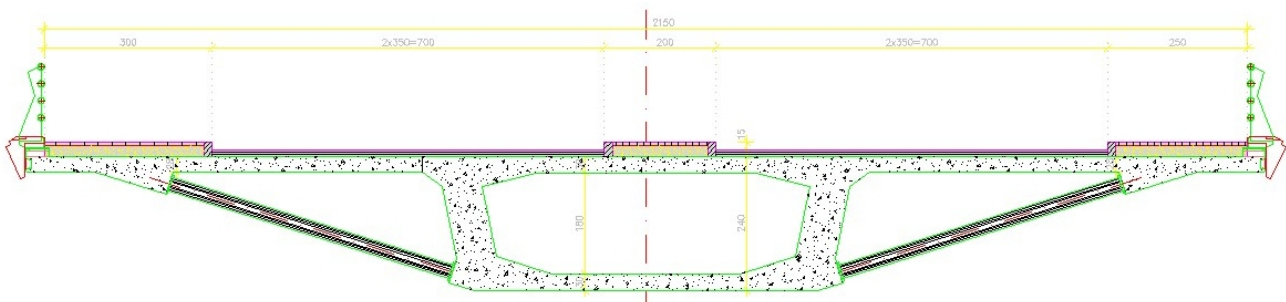


Description

Em Ha'Moshavot Bridge is an urban road project in a dense environment which will create a new vehicle access to the Tel Aviv metropolitan network. The bridge carries Em Ha'Moshavot road above national road #4 and the future corridor of Tel Aviv Subway. The bridge is 242 meters long and 22 meters wide. The main span is 57.4 meters long and the box girder depth is 2.4 meters. The superstructure is made of a segmental, balanced cantilever box girder with precast transverse cantilevers supported by steel struts.



Staged construction of cross-section.



Final cross-section of main girder