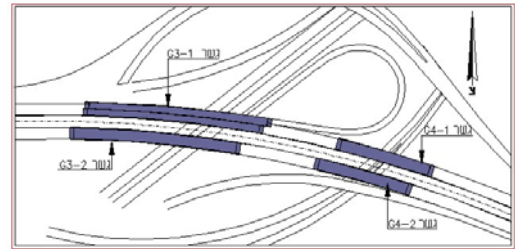


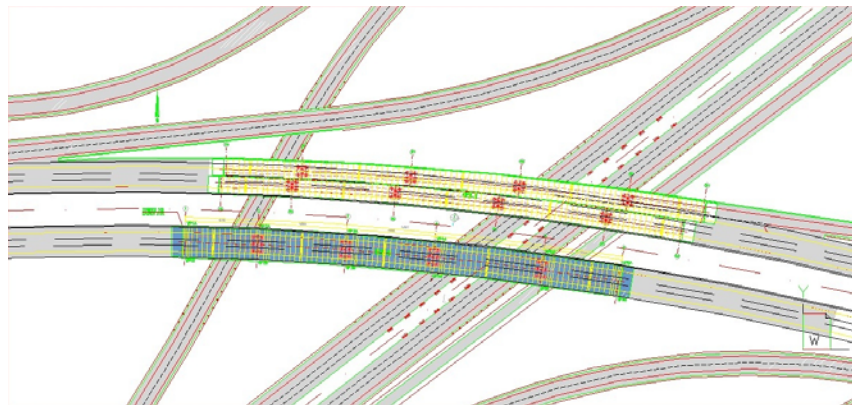
Nesharim Interchange

Location	Nesharim, Israel
Date	2006, ongoing
Services	Detailed design, documentation and supervision. design and on-site
ABES member	ABES Israel - KEDMOR



Description

The four bridges of the Nesharim Interchange are designed in pre-cast segmental concrete to be constructed by the balanced cantilever method using at grade crane. The typical segment length is 2.85m– 3.00m and the segment depth has been kept constant. The segments are “glued” together in order to provide “wet joints” in accordance with AASHTO recommendations. Bridges G4-1 and G4-2 consist of three spans with a total length of 134.4m and a constant girder depth of 2.50m. The typical cross-section is 17.8m wide and is strengthened with in-box steel struts. Bridge G3-1 is a 5-span structure with a length of 264.3m and a variable width ranging from 20.5m to 24.5m. Closure is achieved by a 0.6m cast-in-place key segment. Bridge G3-2 is similar in length but has a cross-section of constant width.



Plan view of road alignments for the interchange.



Visualisation of the bridge cross-sections.