

## Road 22/75 Bridges

Haifa, Israel

### Project Description

The Road 22/75 Bridges are part of the overall master plan for bypassing the congested downtown Haifa area via the new Carmel Tunnels.

### Owner

Israel National Roads Company, Ltd.

### Contractor

Ashtröm Engineering & Construction

### Designer

YSS Consulting Engineers Ltd.

### Our Role

McNary Bergeron provided construction engineering services including geometry control, construction analysis, and integrated shop drawing templates. We also independently verified several aspects of the design.

### Total Contract Value

\$40 Million NIS

### Timeline

June 2009-Mid 2010

### Construction Method and Specifications

Twin 12-span bridges:

- Single box precast segmental
- Balanced cantilever
- Overhead erection gantry
- 50m typical span length
- 11m to 14m variable deck width

