



DUBLIN PORT TUNNEL - IDA ROAD BRIDGE

New Bridge at Southern Tunnel Entrance Area

Client: NMI Consortium

SUMMARY:

Value: €960,000

Main Contractor: NMI Consortium

Status: Complete

Services Provided:

Site Investigation

Preliminary Design

Detailed Design

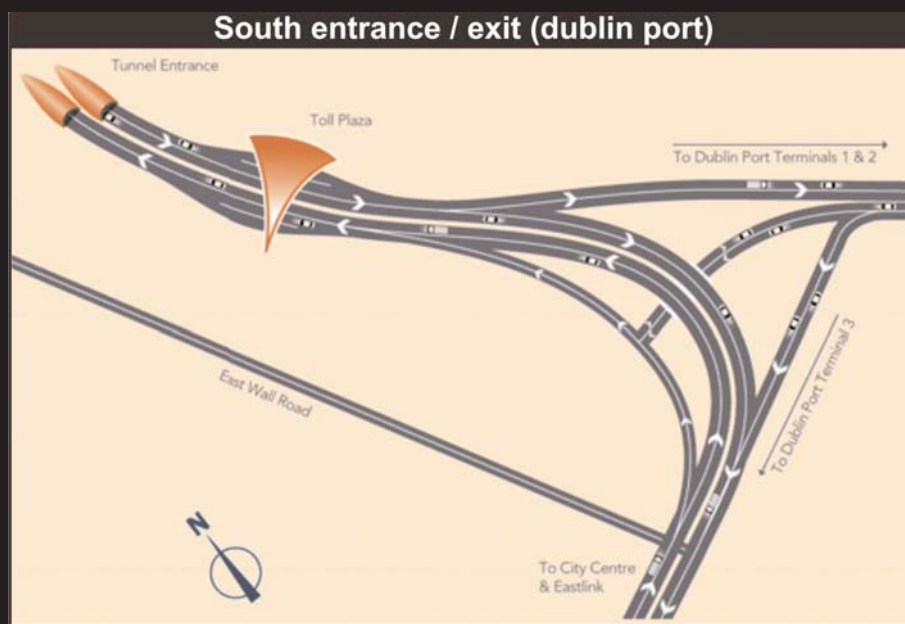
Design Reports

Tender Documentation

The project involved the construction of a new bridge on main line of Dublin Port Tunnel adjacent to the Toll Plaza. The bridge carries the main line across a former road accessing IDA property, which contains multiple utility services. The bridge protects the existing services.

The bridge has a single span of 16m on a large skew. The deck is designed to be integral with the abutments. The abutments are in situ concrete pile cap beams, which are supported on 100T bored piles founded in dense gravels. The deck is precast concrete bridge beams.

The construction was completed in 2003.



Nicholas O'Dwyer
CONSULTING ENGINEERS