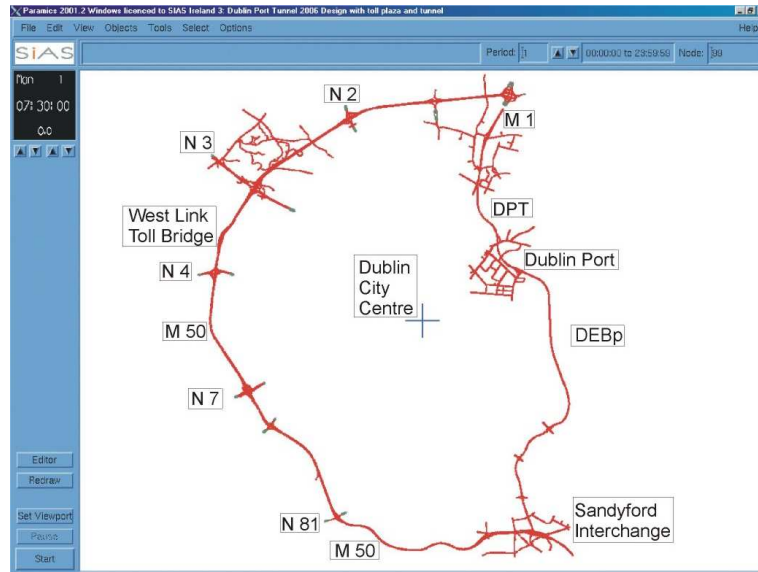




Eastern Bypass



ILTP Consulting were commissioned by Thoir Consultants to undertake the Engineering and Financial Consultancy Contract for the Dublin Eastern Bypass (DEBp) on behalf of the National Roads Authority (NRA). The Dublin Eastern Bypass Motorway is included in the National Development Plan and forms a part of the Dublin Transportation Office's, Platform for Change. The purpose of this report was to;

- Define the study area (in traffic terms)
- Summarise the current situation in Dublin in terms of traffic flow and delays
- Outline the measures included in the Dublin Transportation Office 2000-2016 Strategy 'A Platform for Change' document
- To consider and model a number of route alignment options
- Discuss the potential benefits of the DEBp, in traffic and transportation terms
- Consider the merits of the route options in respect to traffic considerations and confirm the optimal alignment with which to advance the study.

The report sought to build a common consensus as to the role(s) and strategic significance of the DEBp from the national, regional and local perspective.

ILTP created a paramics simulation of the proposed eastern by-pass along with the M50 and its junctions to assess to impact of the proposed development. A representative picture of the average traffic conditions along the DEBp corridor was built up. Daily and annual profiles for many of the major roads along the DEBp corridor have been established. Traffic modelling using the DTO SATURN model was carried out to assess potential route options for the DEBp and a preferred corridor identified. The traffic analysis demonstrates that the DEBp would serve as a strategic traffic route and that it would nt result in increased numbers of radial trips into the City Centre provided that it includes appropriate tolling and accompanying demand management

