

Case study

Cork Docklands Study, Cork City Council,
2008-2009

MVA Consultancy was commissioned by Cork City Council in February 2008 to undertake a transport assessment for the Cork Docklands area, the regeneration of which is a high priority of Cork City Council. Cork Docklands covers an area of approximately 166 hectares of land on the River Lee, to the east of Cork City Centre.



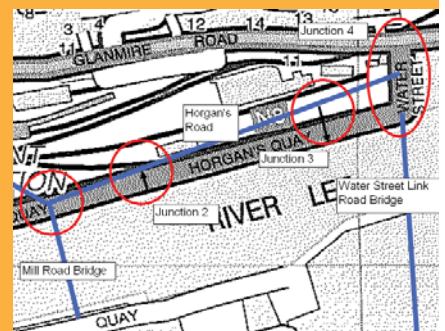
The challenge

The transport assessment provided an indication of the maximum car mode share required to support the sustainable future development of the Docklands area. This level of car use would also ensure the efficient use of transport infrastructure proposals contained within the Cork Docklands Local Area Plan. A number of mode share targets for public transport, walking and cycling were tested, using the existing Cork Area Strategic Plan (CASP) SATURN model, to establish the extent of intervention required, particularly for public transport.

The impact of the resulting highway vehicle trips on the surrounding road network was also assessed. Detailed consideration of the phasing of transport infrastructure proposals formed an integral element of this assessment, in particular an identification of the sequential timeline for delivery of proposed River Lee crossings.

Key junctions were assessed using a combination of SATURN model outputs and TranED junction analysis.

MVA Consultancy recently represented Cork City Council at An Bórd Pleanála's recent Oral Hearing in relation to the delivery of infrastructure proposals for Cork Docklands.



Our approach

The study included the following key elements:

- Baseline Census analysis;
- Model development;
- Scenario testing;
- Establishment of mode share targets;
- Detailed junction assessments; and
- Representation at Oral Hearing proceedings.