

DART Underground Project

Client: Irish Rail

Architects/Planners: Arup UK

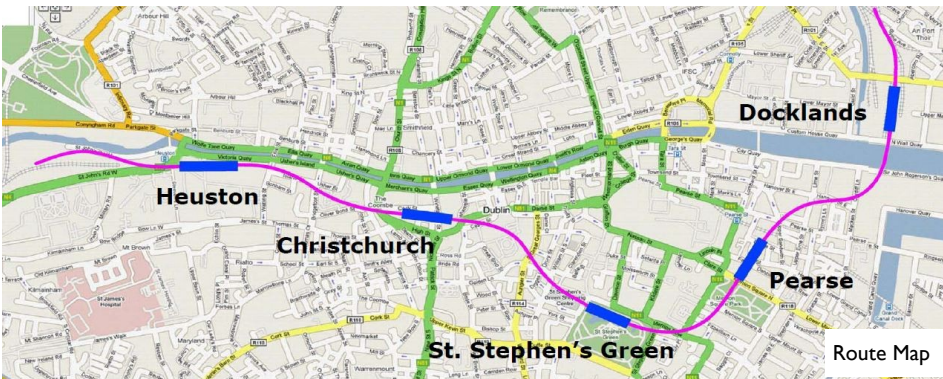
Consulting Engineers: Arup Ireland

Services: Transportation Planning, Project Management

GREENWAY

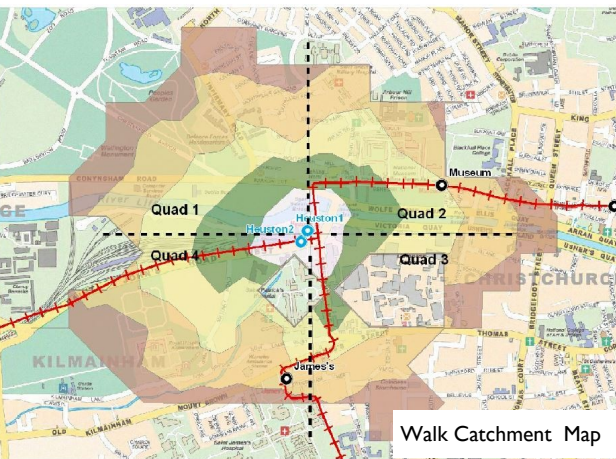
The study assessed the transportation impact of the DART underground project as part of the EIS Report. Aspects addressed include:

- Station area planning and design
- Pedestrian and bicycle access
- Transit operation
- Strategic impact assessment
- Local traffic impact
- Construction impacts



This 8 kilometer, 5-station rail link under Dublin City Centre (Ireland) will connect existing east-side and west-side suburban train services. John Mark, initially of Arup and later as Greenway, directed the preparation of the construction and operation phase transportation impact assessments for the EIS. In addition to the typical scope of transit planning and traffic engineering, the project included the development and first application of an accessibility and mobility assessment template for a transit system in Ireland.

Close collaboration with primary stakeholders and transportation partners and extensive public consultation facilitated the approval process for this project, which will be among the largest single infrastructure projects in the country.



This is a unique study that referenced local standards and practices, reinforced by DMRB (UK) and HCM (US) design manuals.

