



Transportation

A6 Randalstown to Castledawson ECI, Northern Ireland.

Roughan & O'Donovan provides planning and design services for road, rail, bus rapid transit, cycleway and pedestrian schemes across the UK and Ireland.

Experience

Roughan & O'Donovan (ROD) has been involved in the planning, design and construction management of major transport projects in the UK, Ireland and overseas for over 25 years.

Our portfolio features upgraded rail lines, light railways, motorways, rural roads, and public transport facilities.

Expertise

We have the skills to cover the full life cycle of transport assets from initial investigations and modelling, through construction management, to the maintenance of transport networks.

Clients

We work collaboratively with public and private sector clients, including some of Europe's largest design-build contractors and PPP consortia for design-build, ECI and PPP contracts.



Projects

Section of the North Western Transport Corridor, Northern Ireland - A6 Randalstown to Castledawson ECI

ROD, in 50:50 design joint venture with ARUP, delivered the detailed design for this £189m dual carriageway scheme between Castledawson and Randalstown on the A6 in Northern Ireland. The scheme won 'Infrastructure Project of the Year' at the UK National Government Opportunities (GO) Excellence in Public Procurement Awards 2020.

Section of the North Western Transport Corridor, Northern Ireland - A6 Dungiven to Drumahoe

ROD delivered the detailed design for this £220 million upgrade of the A6 between Dungiven and Drumahoe in Northern Ireland. The scheme involves the on-line/off-line improvement of the A6 trunk road from single carriageway to dual two-lane carriageway. We have a full-time designer's site team monitoring construction of the works in close coordination with the design offices.

M8/M73/M74 Motorway Improvements

ROD acted as independent design checker on this £310m project to upgrade the core of Scotland's motorway network between Glasgow and Edinburgh. Our team undertook independent checks of the detailed design elements, including road geometry, structures (over 120 principal structures), geotechnics, fencing, VRS, drainage, and road pavement.

Galway to Dublin Cycleway

ROD-AECOM assisted Transport Infrastructure Ireland (TII) in the development of a continuous off-road cycleway between Galway and Dublin. The first significant elements of the project have been constructed along the Royal Canal bank and the old Mullingar to Athlone railway line between Maynooth and Athlone. When complete, the cycleway will connect Galway to Dublin and, ultimately, onward to EuroVelo Route 2.

Enhancing Motorway Operation Services

ROD-AECOM is providing the full suite of expert services required for the procurement of a new network intelligence and management system (NIMS) and the deployment of intelligent transportation systems (ITS) equipment on the M50 (Dublin's orbital motorway), including advanced motorway indicators, variable messaging signs (VMS), and roadside equipment.

Services

- Design and assessment services for all road types
- Traffic modelling and transport impact assessment
- Road safety services, including assessments, audits and inspections
- Design standards development services
- Advisory services for the monitoring and management of transport assets and networks
- Constraints studies, route selection and preliminary design studies
- Environmental Impact Assessment
- Geotechnical Assessment
- Preparation of contract documents, tender administration and contract procurement
- Contract administration and construction management
- Health and safety services including the role of Principal Designer