

Name: **Eddie O'Donovan**

Profession: **Structural Engineer**

Year of Birth: **1963**



Qualifications:	BSc (Eng)	Structural Engineering	D.I.T., Bolton Street	1996
		Gold Medal Award for Academic Achievement	D.I.T., Bolton Street	1996
		Alumni Beta Medal for Academic Achievement	D.I.T., Bolton Street	1996
		G & T Crampton Award		1995
	MPM	Masters Degree in Project Management	University of Limerick	2005
Memberships:	CEng	Chartered Member of the Institution of Structural Engineers		
	MIStructE			
	MIEI	Member of the Institution of Engineers of Ireland		

Summary of Expertise

Management of structural design office including client liaison & management of client relationships, marketing, financial management, human resource management. Design of structures in steel, reinforced concrete, timber, glass and masonry. Refurbishment/reinstatement of structures dating from early Georgian period to late 20th century. Assessment of fire damaged structures. Wind turbine base design. Green/sustainable structural design and the structural design of energy efficient buildings. Design of reinforced water towers, reservoirs and other concrete structures to BS8007.

Summary of Experience

2009-2011

PHM Consulting, Limerick Managing Director

Lead Designer/Project Engineer for projects including:

- Templemore Fire Station €1.0M
- Littleton Community Centre €1.0M
- Dargle River Floor Defence D&B Tender Design €15.0M
- Athea Windfarm D&B Tender Design €20.0M
- 4-5 Inverness Mews, London
- Small Projects for Public & Private Clients including the OPW, Probation Service, Department of Education & Skills, Clare VEC, Limerick County VEC, Limerick City Council, P Elliott Ltd, SIAC Ltd, L&M Keating, GE, WYG Ireland.

Other projects:

Sports Facilities at Castletroy College, Limerick (2009-date)	€0.4M
Sports Hall Refurbishment at Presentation Secondary School, Clonmel (2009-date)	€0.3M
James St Public Housing, Phase 2 Limerick (2009-date)	€1.0M
Limerick College of Further Education Roof Refurbishment (2009)	€0.35M
Asset Appraisal & Reporting for Banking Institutions	

Decentralised Offices for the Department of Defence, Newbridge.

Client: P. Elliott Ltd.
Architect: Murray O'Laoire
Value: €20M

7,000m² office development and underground car-park featuring high security perimeter wall/moat, long span insitu rc foyer, insitu reinforced concrete elliptical helical stairs cantilevered principal offices and high security archive stores



2001 – 2009 PH McCarthy Consulting Engineers, Limerick, Regional Director (2007)

Lead Designer/Project Engineer for projects including:



State Laboratory & Conference Centre, Celbridge, Co. Kildare.

Client: OPW
Architect: OPW New Works 3
Value: €57.0M

12,500m² laboratory building and stand alone conference centre, designed and built to meet a very short programme.

Hansfield SDZ Schools, Dublin 15

Client: Department of Education & Science
Architect: Todd Architects
Value: €30.0M

Project comprising a two 24-classroom primary schools and a 1,000 pupil secondary school, comprehensive indoor and outdoor sporting facilities and all associated siteworks.



Sillogue Water Tower, North Fringe Water Supply Scheme, Dublin.

Client: Dublin City Council
Architect: Michael Collins Associates
Value: €6.0M

This landmark water tower occupies a very prominent location adjacent to the M50, is restricted in height by the proximity of Dublin Airport and carries 3.5Ml of water.

Cherry Orchard School, Ballyfermot, Dublin.

Client: Department of Education & Science
Architect: O'Donnell + Tuomey
Value: €11.5M

16 classroom school providing preschool and afterschool care and large multipurpose room with full catering facilities. Reinforced concrete thin shell roof, flat slab first floor supported on hybrid reinforced concrete & masonry structure



1996 – 2001 Project Engineer, PH McCarthy Consulting Engineers, Dublin

Project Engineer for projects including:

7,400m ² Offices for IBM, Ballycoolen Business Park (1998)	€10.0M
Theatres Development, Our Lady's Hospital for Sick Children, Dublin 12	€14.0M
St. Catherine's Church, Thomas St, Dublin	€2.0M



Department of Education & Science Office Complex, Marlborough St., Dublin 1.

Client: OPW
 Architect: Michael Collins Associates
 Value: €23M

This project, developed in six phases, involved the refurbishment of protected structures at No 28 Marlborough St., Talbot House, Talbot St., The Training College, Marlborough St. and Tyrone House, the office of the Minister for Education & Science along with the construction of three new office blocks and an underground car park.

Passenger Terminal, Dublin Port, Dublin 1.

Client: Dublin Port Company
 Architect: Traynor O'Toole
 Value: €6.0M

Lightweight steel framed passenger terminal constructed on the same grid and raft foundation as the previous terminal building. The building features large glazed elevations and a flexible system of ramped access from all three floor levels to the passenger ferry.



Other Projects

Ballysheehan Stud Development, Cashel, Co. Tipperary (1998 – 1999)	€6.4M
Dublin Zoo Redevelopment (1996 - 2000)	€18.5M

Overview

Eddie is committed to the development of engineering science and education. He currently assists the School of Civil Engineering at the University of Limerick in the development and implementation of a programme of problem based learning. He also lectures in the fundamentals of structural engineering mechanics for architects at the School of Architecture at the University of Limerick.

Eddie presented a lecture entitled “State of the Art Reservoirs – Design & Construction” to the water and environmental society of Engineers Ireland in October 2006.