

## **Fresh Faces and a Fresh Approach to Improve Road Safety in Commercial Centre**

**Davey Chang, Richard de Witt and Mark Young**

### **Abstract**

Three organisations representing the client, consultant and contractor have combined to accelerate the professional development of new graduates. North Shore City, GHD and Fulton Hogan each employ a graduate who rotates across the three organisations over the first three years of their career to offer experience across all three organisations.

The Rothesay Bay commercial centre in North Shore City was selected as an ideal learning experience to be investigated, designed, constructed and project managed from inception to completion by the three first-year graduates acting as representatives from their host companies.

This centre fronts onto the secondary arterial, Beach Rd, which connects Milford to Browns Bay in the East Coast Bays area and has long standing issues with pedestrian safety, high traffic count and vehicle speed and was considered an excellent candidate for minor safety works by the council.

With a budget of \$120 000, The Rothesay Bay LATM project combines many different elements of 'hard' and 'soft' engineering and has many issues that the graduates had to deal with as client, consultant and contractor. From investigation to consultation, from design to service location, and from physical works to project delivery, the Rothesay Bay LATM project is a successful real-world application of engineering practice and principles from three first-year graduates working in partnership across three organisations.

### **Bios**

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From Auckland's North Shore, I am working as a graduate traffic engineer for the North Shore City Council. in my first year of the Project New Grad programme with Mark and Davey and moving up to GHD in Orewa next year.

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From GHD. I am working as a consultant engineer, currently in the Office at Orewa, north of Auckland. I will be taking Marks place at Fulton Hogan's next year.

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From Fulton Hogan North Harbour. I am working as a contract engineer, currently in the Construction Department at Silverdale. I will be taking Richards place at the NSCC next year when we all rotate with Project New Grad.