Orewa Boulevard

Concept to Reality

William Brown

Design Manager / Engineer’s Representative
The challenge
Design Objectives

- Pedestrian friendly, ‘self correcting’ environment
- ‘Giving the beach back to the town’
- High amenity value

Whilst…
- Providing for an official over-dimensional route
Features and challenges

- 4 lane highway to 2 lane boulevard
- At-grade concrete carriageway adjacent to wide footpaths
  - Delineation between pedestrian and vehicular areas
- Removal of signalised pedestrian crossing
- Minimal signs and markings
- Side friction – closed in feeling
- Removal of turning restrictions
  - Increased opportunity for conflict
How did we create it?
Collaborative environment from the start

- GHD involved from urban design concept stage through to delivery
- Collaboration both within GHD and across Rodney District Council
- Liaison with NZTA
- Engineering input from day one
- Early Contractor Involvement
- The entire team understood what we were trying to do
Some examples
Summary

Engineering solutions were found for urban design challenges through:

- Open communication
- A collaborative working environment
- ‘Outside the square’ thinking
Questions?