



**Companie(s) :** Summit Formwork, Ian Godson & Associates (Subcontractors)

**Owner :** MIRVAC Home Builders (Vic) Pty Ltd

**Engineer :** Irwin Consulting

**Engineering consultant :** GHD

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**Subsidiary(ies) :** Freyssinet Australia

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**Beginning of works :** 11/2008

**End of works :** 08/2009

### Description of the work :

The Yarra's Edge River Precinct project is currently a major development on the outskirts of Melbourne's CBD, which consists of a number of residential and commercial towers, as well as low-rise, medium density residential terraced homes that offer prime living options in close proximity to the city and its surrounding facilities. The development also offers a number of private marina berths, as well as boutique restaurants and commercial premises. The development is being staged over a number of years with the current stage of works that Austress Freyssinet is involved in surrounding the construction of the low-rise terraced homes.



### Freyssinet mission :

Freyssinet Australia's role is for the remediation of approximately 210m of an existing precast concrete panel seawall and relieving slab, as well as the construction of a new facing seawall that is to incorporate an Impressed Current Cathodic Protection system. Also included is the construction of a new 340m long wharf promenade, consisting of pile and sheet pile capping beams and reinforced concrete slabs. The new wharf promenade structure is to be built above and/or tied in to two separate types of existing wharf structures. The existing Wharf Type 3 structure consists of a concrete slab situated on concrete piles with the precast concrete seawall at its back edge. No significant structural connection will be made between the new wharf promenade and the existing Wharf Type 3 structure, with 450mm diameter cores used to locate existing reinforced concrete piles to provide support to the new structure. The existing Wharf Type 4 structure consists of a concrete slab incorporating capping beams at the front and rear, which bear on timber piles. Whilst the existing Wharf Type 4 structure acts as the relieving slab for the precast concrete panel seawall that is located at the front edge, it will also provide partial support to the new wharf promenade via dowel bars in the new front and rear pile capping beams, which will bear on the new precast concrete piles (installed by others).

