

CASE STUDY

ENDUROMAX® CHOSEN BY ROADS & MARITIME SERVICES FOR ALFORDS POINT ROAD NOISE BARRIER



Background

ModularWalls was engaged by The Roads and Maritime Services (RMS) to remove and replace a 30m section of collapsed concrete road barrier along Alfords Point Rd, constructed 20 years ago.

The section had fallen inwards, toward bushland, requiring a specific plan to cut up and remove the existing concrete panels. Additionally, the replacement was required to structurally support the existing wall.

Solution

An EnduroMax noise barrier, reaching 3.6m high, provided the perfect solution. Following specifications from the urban designers, a customised face-fix application with applied external detailing to panels offered an aesthetic blend with the existing concrete barrier.

Installation proved very challenging due to restricted site access. Works during the day were restrained behind the Armco barrier, requiring the arrangement of lane closures for night works. However, ModularWalls' solution successfully delivered a cost-effective alternative to the reinstating of a concrete wall.

The Roads and Maritime Services are responsible for providing improved transport outcomes for NSW; therefore, protecting residential areas from the noise pollution of infrastructure projects are a high priority for this agency. ModularWalls have now been approached by the RMS for two separate road noise barrier solutions, with the second project currently underway.

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- Proven acoustic performance
- Cost effective
- Durable, lightweight modular construction
- Quick and easy installation
- Suited to environmentally harsh and remote locations

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