

Case Study

M4 WIDENING, SYDNEY

Engineer: Rizzani Leighton Joint Venture
Contractor: Rizzani Leighton Joint Venture



PROJECT SPECIFICATION

An 11m high steep slope supporting the M4 Motorway required stabilizing as part of the WestConnex infrastructure project which aims to reduce the journey time between Sydney Airport and Parramatta. 7.5km of the M4 Motorway is being expanded to 4 lanes and a temporary works embankment was used to enable the construction of a permanent concrete panelled wall.

PROJECT SOLUTION

The Platipus Percussive Driven Earth Anchoring System stabilized the temporary embankment using B6 and B8 anchors driven to 8m. Cirtex Australia provided both design and installation support and the Platipus anchors were installed using locally available equipment and were load locked and set with immediately quantifiable loads offering significant cost savings to the contractor and client over alternative methods.



080416