

WESTCONNEX M4-M5 LINK
MAIN TUNNEL WORKS

AN UNCONVENTIONAL CRANAGE SOLUTION FOR A CHALLENGING SITE

AT A GLANCE

CLIENT	ACCIONA SAMSUNG BOUYGUES AUSTRALIA JOINT VENTURE (ASBJV)
PROJECT	WEST CONNEX M4-M5 LINK TUNNELS
LOCATION	SYDNEY, AUSTRALIA
SECTOR	MAJOR PUBLIC INFRASTRUCTURE - ROADS
DATE	AUGUST 2020 - DECEMBER 2020
CRANES	1 X M2480D

Working with ASBJV's team for 18 months before we were on-site, Marr was engaged early in what was a complicated project from an engineering point-of-view.

The crange solution needed to address the challenges of:

- A congested, sloping site
- Limited space between two arterial roads
- Proximity to Sydney Airport
- A challenging schedule
- Heavy lifting requirements – heavy pre-cast beams weighing up to 84T
- Limited space for lay down areas

MARR'S SOLUTION

- M2480D installed on a pile cap foundation

BENEFITS OF EARLY ENGAGEMENT WITH MARR

- Shortened programme by 25 per cent
- Crange solution designed into the site, allowing all heavy lifting requirements to be completed by a single crane from a fixed location



