DEGNAN

WESTCONNEX NEW MOC5 MOTORWAY CONTROL CENTRE AND SUBSTATION

Delivery of the MOC5 Motorway Control Centre and Substation, bringing together complex civil, structural, building and services infrastructure within the Burrows Road motorway operations complex.





SECTOR
Transport Infrastructure

LOCATION
St Peters, NSW
Bulanaming Country

CLIENT
TfNSW - in partnership with CPB Dragados Samsung JV (CDSJV)

PROJECT COMPLETION
November 2019

PROJECT VALUE
$20M approx.

DELIVERY MODEL
Construct

Working for Transport for NSW in partnership with CPB Dragados Samsung JV, Degnan delivered works spanning site establishment and substructure through to structural steel, building envelopes, building services and internal fit-out.

KEY OUTCOMES

- Completed the new MOC5 Motorway Control Centre (MCC) and Substation within the Burrows Road motorway operations complex.
- Delivered civil and substructure works including footing beams, pile caps, lift pit works, subgrade preparation and stormwater drainage.
- Completed reinforced concrete, structural steel, precast panel and suspended slab works for the MCC.
- Delivered the Substation building envelope, including roofing, cladding, doors, roller shutters, louvres and external finishes.
- Completed the MCC building envelope and internal fit-out, including high-level services to the data and office areas.

DELIVERY COMPLEXITIES

- Coordinating civil, structural, building, services and fit-out works across the MCC and Substation.
- Managing the staged construction of the MCC, including reinforced concrete, suspended slabs, structural steel and precast elements.
- Integrating the building envelope, roofing, cladding and modular panel systems with the structural works.
- Coordinating high-level building services and internal works across the data and office areas.
- Delivering the Substation envelope to watertight stage, incorporating roofing, cladding, doors, roller shutters, louvres and external finishes.