

M12 Motorway West



Location

Luddenham / Badgerys Creek

Client

CPB Georgiou Joint Venture

Timeframe

Sep 22 – Jan 25

Scope

- Geotechnical
- Environmental
- Testing

The \$494 million M12 Motorway (West) project involves construction of a 6km dual carriageway motorway from The Northern Road, Luddenham to the central package 400m east of Badgerys Creek. It comprises construction of three bridges, seven major cuts, seven major fills and a grade-separated interchange connected with the Western Sydney Airport.

Alliance has a dedicated full-time Senior Geotechnical Engineer on-site providing technical support, factual reporting, recommendations and memorandums.

Our scope includes:

- Bridge pile inspection and certification

- Foundation assessment for the road formation and specification of appropriate treatments in accordance with TfNSW R44
- Proof rolling of compacted fill layers for acceptance
- General site surveillance
- Verification of foundation conditions for bridge girder crane lifts
- Stability assessment of temporary and permanent slopes
- Assessment and verification of bearing capacity for structures.