PROJECT SUMMARY

Wyong Town Centre Upgrade

CLIENT: DGJV | **PROJECT VALUE: $400M** | **ENGAGEMENT PERIOD: FEB 2026 – MAY 2026**

PROJECT OVERVIEW

The Pacific Highway Upgrade through Wyong Town Centre is a TfNSW project, widening the highway through the town centre with new intersections, bridges and pedestrian and cycle paths. The project contains complex utility relocations and staging. Daracon Georgiou Joint Venture (DGJV) engaged Croí during the Early Contractor Involvement (ECI) phase to provide utilities management and concept design services for their tender.



Utilities Strategy & Design • Utilities & Project Management • Digital Engineering & Technical Modelling • ECI Tendering & Early Utilities Advisory

Croí's Role

- Utilities management through the ECI phase
- Utility SMEs for client interactives
- Review and update of the existing utilities model and survey data
- Creation of Utilities design model for clash assessments and design coordination
- Utilities concept design for all relocations
- Utilities Conflict and Design Registers
- Tender Advice Notices (Rev A and Rev B) for DGJV's estimators
- Risk identification and mitigation advice

Key Achievements

- Assessed around 70 utility conflicts across nine utility owners and set a treatment for each
- Redesigned the Ausgrid overhead network along the corridor with detailed staging to enable construction methodology
- Space proofed complex utility relocations including approx. 4.3km of new underground conduit, 95 street lighting columns and 48 poles
- Developed the twin DN600 water main relocation, including thrust and anchor block restraint
- Designed about 1.9km of water main and 1.3km of sewer rising main relocations for Central Coast Council
- Identified key delivery risks, including DN600 shutdown windows, trial isolations and pump station capacity

Key Interfaces

- TfNSW (Principal)
- Ausgrid
- Jemena
- CCC (water, sewer)
- Telstra / NBN
- Optus / Nextgen
- AAPT / TPG

Key Outcomes

- Space proofed Concept designs and complex staging strategies for utility relocations
- Fully detailed impact and design registers to support DGJV's tender estimate
- Critical DN600 water and DN500 sewer relocations developed early with custom-made solutions to enable construction
- ASP3 complex staging for LV/HV designs to enable construction staging
- Delivery risks identified with mitigations for detailed design