PROJECT SUMMARY

Sydney Metro - City & Southwest

CLIENT: SYDNEY METRO | **PROJECT VALUE: $21BN** | **ENGAGEMENT PERIOD: OCT 2015 - MAY 2024**

PROJECT OVERVIEW

A 30 kilometre extension of metro rail from the end of Sydney Metro Northwest at Chatswood under Sydney Harbour, through new CBD stations and south west to Bankstown. The City portion from Chatswood to Sydenham opened in 2024 with seven new metro stations. The remaining Southwest portion featuring 11 upgraded stations is due to open in 2026.



Utilities Strategy & Design • Utilities & Project Management • Site Readiness & Delivery Management • Commercial, Program & Contract Management

Croí's Role

- Croí personnel established a Utilities Working Group made of dedicated resources and representatives from all interfacing utility authorities. This involved negotiating and executing confidentiality deeds, preliminary cost agreements, and interface agreements as appropriate. The Utilities Working Group ensured continuity in liaison between Sydney Metro and The utility providers, providing a forum to escalate issues for faster resolution and improve collaborative inputs from utility authorities.
- Created the new "Utilities Unexpected Finds Process" for multiple brownfield contracts. This is a process map to be followed when unknown or unexpected utilities are encountered during the works within the rail corridor. This involves working with Sydney Metro Project Directors, Interface Project Managers and Sydney Trains personnel to drive a successful outcome. The team managed the successful identification of 1000+ unknown services during the delivery of the works.
- Delivered program-critical flood modelling assessment and detailed design for the relocation of trunk stormwater culverts that were important for two major contracts.
- Technical lead in developing, negotiating, and executing the Sydney Metro/TransGrid Interface Agreement. Oversaw protections for 330kV cables where damage could cause a CBD blackout, major project delays, and substantial contractor claims.
- Croí personnel were responsible for management of an early works package of design-only contract for power, obtaining the certified designs for over 40 Ausgrid designs for the tunnelling and station excavation (TSE) project. This includes 13 substations as part of the demolition package. This was the largest substation relocation package in the history of Ausgrid.
- Negotiated bespoke contracts with Ausgrid and Sydney Water to deliver interfacing utility authority capital works as part of the Sydney Metro C&SW project, ensuring best-for-community outcomes in areas at risk of suffering from construction fatigue while maintaining network integrity.
- Successful estimation and cost management of utilities scope, ensuring enabling works are delivered on time and budget

Key Interfaces

- Ausgrid
- Sydney Water
- Jemena
- Telstra
- TransGrid
- Optus
- NBN
- Qenos
- AARNet
- TPG/Pipe Networks
- Vocus
- Axicom

Involvement

- Croí personnel engaged to manage utilities scope and risk, including
- Commercial & Contract Management
- Project & Program Management
- Stakeholder & Third Party Engagement
- H&S, Environmental, Quality & Sustainability
- Risk Management
- Construction & Delivery Management
- Enabling Works & Utility Diversions
- Procurement
- Design Management
- Estimation and cost management