PROJECT SUMMARY

Henderson Road and Raglan Street Cycleway - Lighting Audit and ASP3 Design

CLIENT: JPE GROUP **ENGAGEMENT PERIOD: APR 2026 – ONGOING**

PROJECT OVERVIEW

This is a project from City of Sydney to extend the cycleway connection along Henderson Road and Raglan Street between the existing cycleway at the intersection of Davy/Mitchell Road and the existing cycleway at George Street. The project aims to improve the safety, function, cyclist prioritisation and separation from traffic and pedestrians.



Utilities Strategy & Design • ASP3 Electrical Design

Croí's Role

Croí was engaged by JPE Group to perform the below scopes.

- Lighting audit on existing road light to assess the existing light level.
  - Site visit to obtain as installed information.
  - Perform lighting calculation to recreate existing light level.
  - Provide assessment outcome and input on non-compliance.
- Lighting Design
  - Perform lighting design to improve the light level on the non-compliance area.
  - Provide design outcome for ASP3 to carry the electrical design reticulation.
- ASP3 Design
  - Initial application.
  - Develop electrical design connection.
  - Pole assessment.
  - Prepare design package for certification.

Key Interfaces

- Ausgrid
- City of Sydney through JPE Group

Key Achievements

- Client praises the comprehensive lighting audit and analysis.

Key Outcomes

- Accurately identify the light level non-compliance area compared to the reference provided by City of Sydney.

Provide a cost effective and proper treatment advice to the non-compliance area based on the finding.