

# Intersections Upgrade

Date: Aug 2022 to Jan 2023

Principal: Dept of State Growth

Project Value: \$2.2M

## TASK

Responding to DSG's and City of Launceston's Invermay Traffic Masterplan, DSG implemented the removal of the right hand turn from Goderich Street into Lindsay Street, and also from Charles Street into the Esplanade.

Works revolved around removing right hand turns and subsequently realigning and reconstructing the intersections, with new traffic light and signal infrastructure, pavement works, drainage, service relocations, kerb and traffic islands, sealing and asphaltting, linemarking and signage

## CHALLENGES

Works were completed on one of the busiest roads in Launceston, with 38,000 AADT. Due to this, works were restricted such that all lanes of traffic had to remain open during the hours of 7.30am–9.30am and 3.00pm–6.00pm, meaning all works needed to be completed in night shifts. All excavation works needed to be completed and returned to level each morning.

The project was also adjacent to many high profile businesses and residential properties. Stakeholders were visited, consulted and well informed both prior and throughout the duration of the works through the implemented of a SCEP.

Services in the immediate vicinity of the works included high voltage power, low voltage power, signal power, signal comms and optic fibre, stormwater, sewer, combined stormwater and sewer, strategic gas, non-strategic gas, old town gas, NBN and Telstra. Trenches and alignments were continually adjusted and optimised to avoid clashes and separation issues.

Shaw also identified inherent site issues not resolved in the design. Shaw facilitated design solutions for implementation with consultation of the Superintendent and DSG.

## OUTCOMES

The finished works were both an aesthetic improvement as well as a major safety upgrade, with reduced queuing and traffic congestion, safer passage for pedestrians with improved traffic islands and signal timing, improved monitoring and data collection for DSG with upgraded infrastructure, and improved wearing surface with rectification of seal defects and rutting.

