

Boundary Road and Robert Street Intersection Signalisation

PROJECT:

The intersection of Boundary Road/Robert Street/Hughes Road is a busy four-way intersection, with Give-Way signs on Robert Street and Hughes Road.

Both Robert Street and Hughes Road are designated as Major Collector Streets under the Fraser Coast Planning Scheme. Hughes Road services the Star of the Sea School plus suburban areas, and Robert Street services the Sandy Straits State School and Urangan High School as well as being a connector street through to Boat Harbour Drive. Both roads carry high volumes of traffic at school times.

Boundary Road is designated as a Traffic Distributor Road under the Fraser Coast Planning Scheme.

The current intersection at Boundary Road and Robert Street provides unsatisfactory traffic performance at peak periods (around school start and finish times). This project provides for the signalisation of this intersection to provide improvements to traffic performance as well as pedestrian safety during these peak periods.

PROJECT ESTIMATE:

\$9.5M (this project is partly funded by the State Government's Transport Infrastructure Development Scheme)

PROJECT STATUS:

- **Stage 1 & 2 Works** – The Stage 1 works which included Electrical and NBN conduit relocation works have been completed with the Stage 2 water main relocation now also completed.
- **Stage 3 – Intersection Signalisation and Road Widening Works**

The final Stage 3 intersection signalisation commenced on 2 April 2024.



The project scope for the Stage 3 works include:

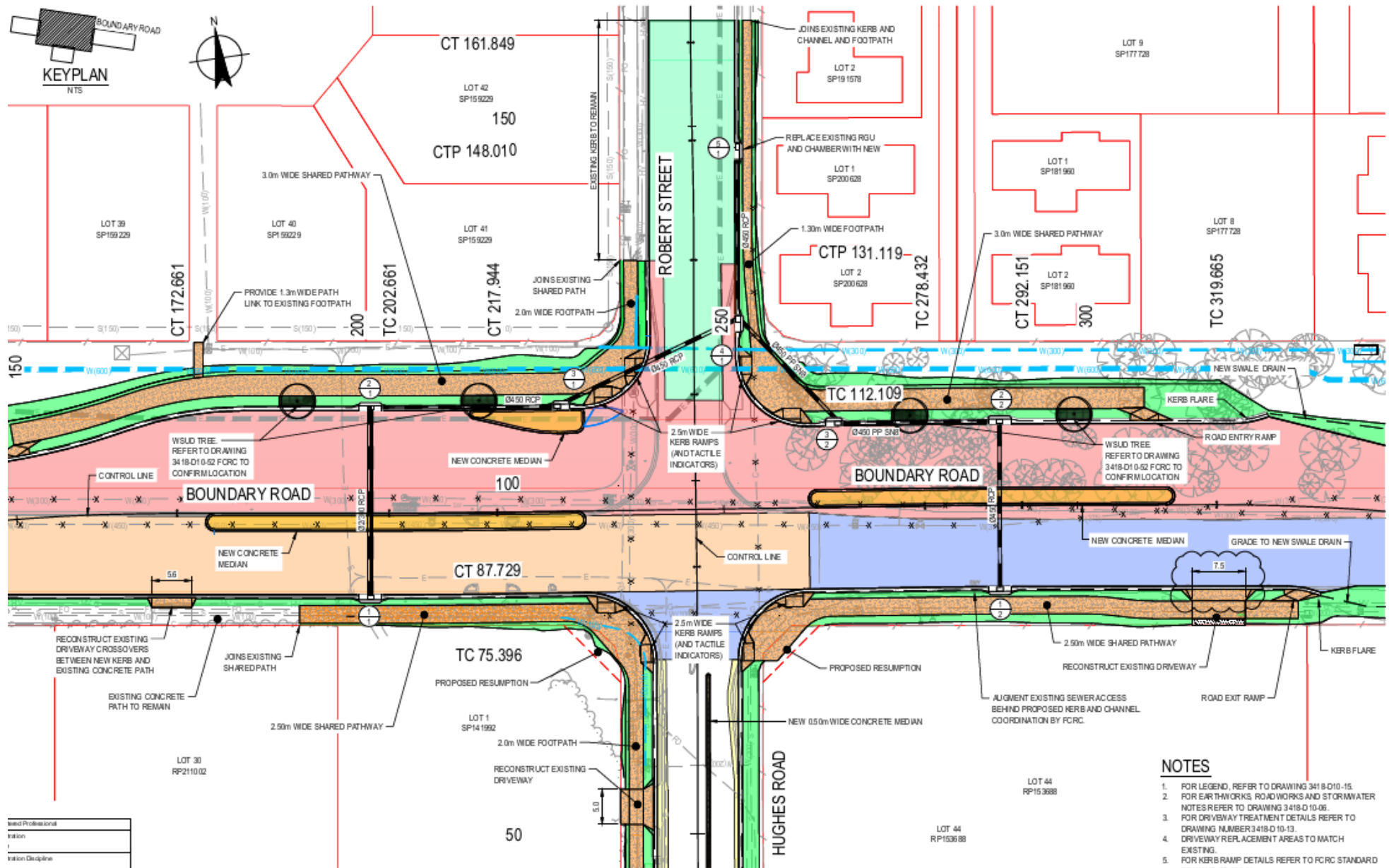
- Excavation and earthworks;
- Road and pavement construction;
- New kerb and channel and kerb ramps;
- Concrete footpath & stormwater drainage construction;
- Traffic signalisation works;
- Asphalt pavement and surfacing;
- Line marking, street lighting and signage;
- Topdressing and turfing of disturbed areas.

The traffic management plan that will be put in place for the duration of the construction period will allow for a two way traffic arrangement in Boundary Road with traffic control/changes utilised as required for certain components of the works.

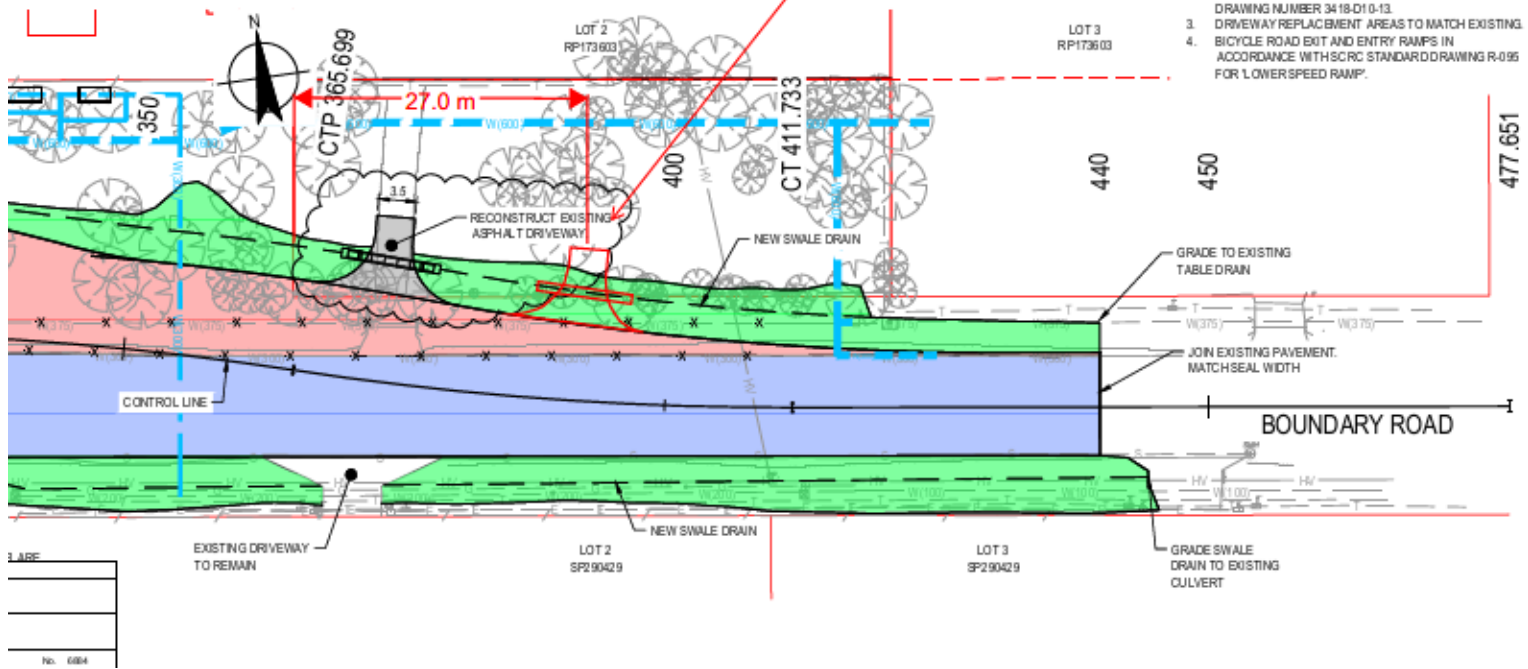
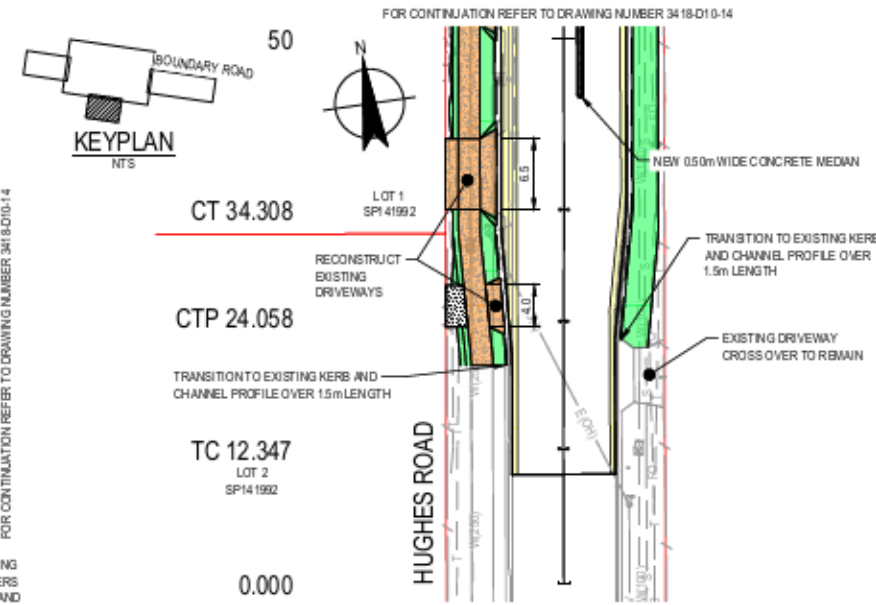
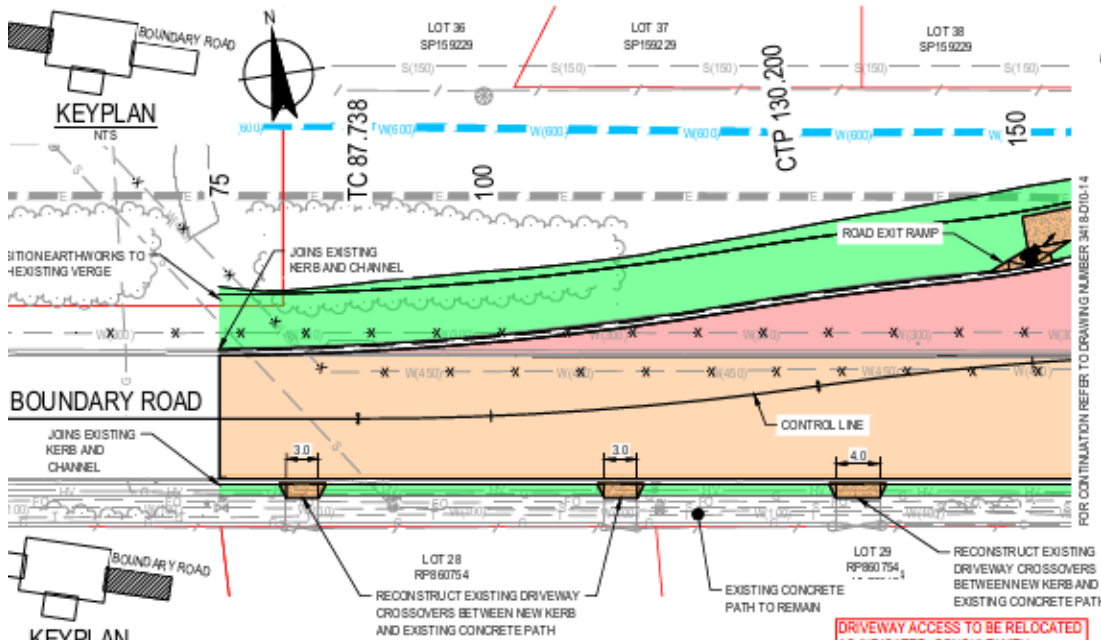
INDICATIVE PROJECT MILESTONES	
October 2023	Final Design
Oct/Jan 2024	Tender Period
April 24/April 25	Construction Period
May 2025	Project Completion

Note: Project milestones are subject to contract and weather and may change.

Boundary Road Existing and Robert Street Intersection Signalisation



Lead Professional	
Author	
Revision	
Discipline	



NOTES

1. FOR EARTHWORKS, ROADWORKS AND STORMWATER NOTES REFER TO DRAWING 34 18-D1 0-06
2. FOR DRIVEWAY TREATMENT DETAILS REFER TO DRAWING NUMBER 34 18-D1 0-13
3. DRIVEWAY REPLACEMENT AREAS TO MATCH EXISTING
4. BICYCLE ROAD EXIT AND ENTRY RAMPS IN ACCORDANCE WITH SCRC STANDARD DRAWING R-095 FOR LOWER SPEED RAMP.

LEGEND

	ROAD PAVEMENT TYPE 1
	ROAD PAVEMENT TYPE 2
	ROAD PAVEMENT TYPE 3
	ROAD PAVEMENT TYPE 4
	ROAD PAVEMENT TYPE 5
	TOPSOIL AND TURFING
	CONCRETE MEDIAN INFILL
	CONCRETE FOOTPATHS
	GRAVEL DRIVEWAY
	PROPOSED WATER MAIN (BY OTHERS)
	STORMWATER DRAINAGE PIPE, MANHOLE AND FIT
	DECOMMISSIONED / ABANDONED SERVICE
	EXISTING PROPERTY BOUNDARY
	EXISTING ELECTRICAL OVERHEAD
	EXISTING ELECTRICAL UNDERGROUND (66KV)
	EXISTING ELECTRICAL UNDERGROUND (11KV)
	EXISTING TELECOMMUNICATIONS UNDERGROUND
	EXISTING SEWER UNDERGROUND
	EXISTING STORMWATER DRAINAGE
	EXISTING WATER MAIN (INCL. SIZE)
	EXISTING LIGHT POLE, ELECTRICITY PIT, POWER POLE AND STAY

TABLE

No. 084
