

# Appendix C: Audit scope and method

## Scope of this audit

### Who we examined

We examined the department and the authority.

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### Our audit objective

To assess the effectiveness of arterial road initiatives in managing traffic congestion.

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### What we examined

We examined how the department and the authority:

- manage programs aimed at alleviating traffic congestion
  - the impact of these programs on traffic congestion.
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## Conducting this audit

### Assessing performance

To form our conclusion against our objective we used the following lines of inquiry and associated evaluation criteria:

Line of inquiry	Criteria
1. Are the department's traffic Signal Network Optimisation reviews (signal reviews) well targeted and realising expected congestion management benefits?	1.1 The department is on track to deliver its planned signal reviews program.
	1.2 The department applies soundly based criteria in targeting signal reviews.
	1.3 The department has comprehensive systems, processes and procedures to support consistent, high quality signal reviews.
	1.4 The department has a comprehensive benefits management plan and approach for the signal reviews program.
	1.5 The department collects evidence to reliably measure and track traffic congestion and related impacts and benefits of signal reviews.
	1.6 Signal reviews produce demonstrable and sustained improvements in the congestion and network reliability of arterial roads.
2. Have the Streamlining Hoddle Street Project (Hoddle project) road treatments improved traffic congestion?	2.1 The authority has a comprehensive benefits management plan for the Hoddle project investment.
	2.2 The authority has evidence to demonstrate the benefits of the Swan Street and Johnston Street treatments.
	2.3 The Hoddle project investment demonstrably improved congestion along the Hoddle Street–Punt Road corridor.

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### Our methods

As part of the audit we:

- analysed documents related to the signals program and Hoddle project including:
    - planning documents
    - progress reports
    - procedure documents
    - congestion data
    - business cases and the Hoddle project draft benefits assessment report.
  - interviewed signal engineers, employees and officials from the audited agencies.
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### Compliance

We conducted our audit in accordance with the *Audit Act 1994* and ASAE 3500 *Performance Engagements* to obtain reasonable assurance to provide a basis for our conclusion.

We complied with the independence and other relevant ethical requirements related to assurance engagements.

We also provided a copy of the report to the Department of Premier and Cabinet and the Department of Treasury and Finance.

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### Cost and time

The full cost of the audit and preparation of this report was \$580,000.

The duration of the audit was 15 months from initiation to tabling.

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