

## CAVENAGH STREET HEAT MITIGATION – STAGE 2 WORKS

### What is the Cavenagh Street Heat Mitigation Trial?

The Northern Territory Government is trialling a series of initiatives that are expected to reduce the impact of heat in our tropical city and assist with revitalising the CBD.

A heat mapping study undertaken in the Darwin CBD demonstrated high-level surface temperatures exceeding 60 degrees in some locations, including Cavenagh Street.

Over an 18 month period, a number of heat mitigation methods are being trialled to improve the comfort in the city for residents, businesses and visitors.

### What does Stage 2 entail?

Stage 2 works include:

- Light coloured and heat reflective road surface treatments to reduce pavement surface temperatures; and
- Construction of tree pits and median garden beds to support the planting of 29 new trees.

### What species of trees will be planted?

- 12 Yellow Flame trees - similar to trees at other end of the Cavenagh Street Shade Structure
- 14 Bush Apple - *Syzygium armstrongii*
- 3 *Allosyncarpia ternate*

### How much has been allocated to the Cavenagh Street Heat Mitigation Trial?

The Cavenagh Street Heat Mitigation Project forms part of the Northern Territory Government's \$100 million commitment towards the Darwin City Deals initiative.

### When will works begin?

Stage 2 works are currently underway (January 2019).

### When will works be complete?

Works are expected to be completed in May 2019.

### What roadworks are taking place?

Stage 2 works will require temporary traffic changes in Cavenagh Street, between Knuckey and Bennett Streets. Partial lane closures and night works will be implemented as needed with signage and traffic control in place to direct motorists and pedestrians during the works.

The temporary change in traffic conditions will enable the works to be undertaken in a timely and safe manner; whilst also minimising disruptions to the community.

### **Will there be a disruption to parking?**

As part of delivering the Cavenagh Street Heat Mitigation Trial between Bennett and Knuckey Streets, car parking will be realigned to 55 degrees from the previous 45 degrees. This allows for greater efficiency and access to parking spaces.

Once complete, the section of Cavenagh Street between Fishing and Outdoor World and the ABC Darwin Studios will provide:

- six disabled parking spaces (an increase of one);
- 11 motorcycle parking spaces (an increase of two);
- 95 standard car parking spaces (a reduction of eight);
- three refurbished pedestrian cross over points; and
- 18 new parking lane trees.

### **What did Stage 1 entail?**

Stage 1 works included:

- Construction of new light-weight framed structure to enable vegetation growth for shade;
- Removal of the existing central median strips;
- Misting to the underside of the structure will help improve thermal comfort;
- New up lighting at central vine locations;
- Power and water connections in median strip to allow for future events, such as markets;
- Vine planter and irrigation in central median;
- Clearance for vehicles and re alignment of parking; and
- Landscaping.

### **When was Stage 1 completed?**

Stage 1 was completed on 23 November 2018 however it is anticipated that full coverage of the vines will take up to 18 months to achieve.

### **How do I find out more information?**

If you have any questions or would like more information please contact:

True North Strategic Communication

Phone: **08 8981 6445**

Email: **[feedback@truenorthcomm.com.au](mailto:feedback@truenorthcomm.com.au)**

Or go to: <https://dipl.nt.gov.au/infrastructure/projects/current-projects/buildings/heat-mitigation-trial>

# MAP OF WORKS



## Cavenagh Street Redevelopment STAGE 2