

## Frankston Pier public lighting

### 01

#### Frequently Asked Questions (project)



#### What will the works include?

Frankston City Council is working in partnership with the Victorian Government to restore the kinetic lighting display and to improve public lighting on the pier creating a unique experience at the Frankston Pier. Key elements of the project include:

- The installation of LED lighting on the Sight Line poles to light the semaphore flags and the pier;
- The installation of LED lighting on the pier edge;
- The removal of redundant lighting and poles to de-clutter the pier and restore the rhythm of the Sight Line poles.

#### How much is the lighting upgrade going to cost?

The Frankston Pier Creative Lighting will cost approximately \$375,000.

#### How is the project funded?

The project is funded by the Victorian State Government Council through the Suburban Revitalisation Programme – Revitalising Frankston. The project budget is \$375,000.

#### When will construction occur?

It is anticipated that construction will start Wednesday 14 September 2022. Construction is expected to take four to six-weeks to complete. Construction has been scheduled in Spring so as to avoid disruptions to Frankston Pier in the warmer months. Weather and tides, however, are a factor at this time of the year and will directly influence construction timelines.

#### Who has Council consulted?

Council has consulted with and worked in partnership with Parks Victoria; the Department of Environment, Land, Water and Planning and the Victorian Fisheries Association. The broader community was also consulted during the development of the Lighting Frankston Plan (2021)

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### 02

#### Frequently Asked Questions (technical information)



#### What type of lighting will be used?

LED lighting will be used in each fitting. LED technology is cost effective due to low maintenance requirements, low electricity usage and the use of lens technology allowing for better focus of light.

#### What standard has been used to guide the lighting design?

New lighting will achieve a PP 3 lighting category as specified in AS: 1158. The PP 3 lighting category was selected as it pertains to pathways designed for pedestrian use.

#### What environmental factors were considered?

The special marine environment and compliance with AS: 1158 has driven environmental considerations. Specifically, there is minimal upward waste light or spill into the surrounding Port Phillip Bay.

The colour temperature of the lights will be 4,000 degrees Kelvin, a light colour that is most suitable to marine life.

#### What will happen to the existing light fittings on the pier?

Most of the existing light poles and lanterns will be removed thereby reducing visual clutter and restoring the integrity of the Sight Line sculptures. Lights on the return section of the pier will be replaced with new LED lights on existing poles.

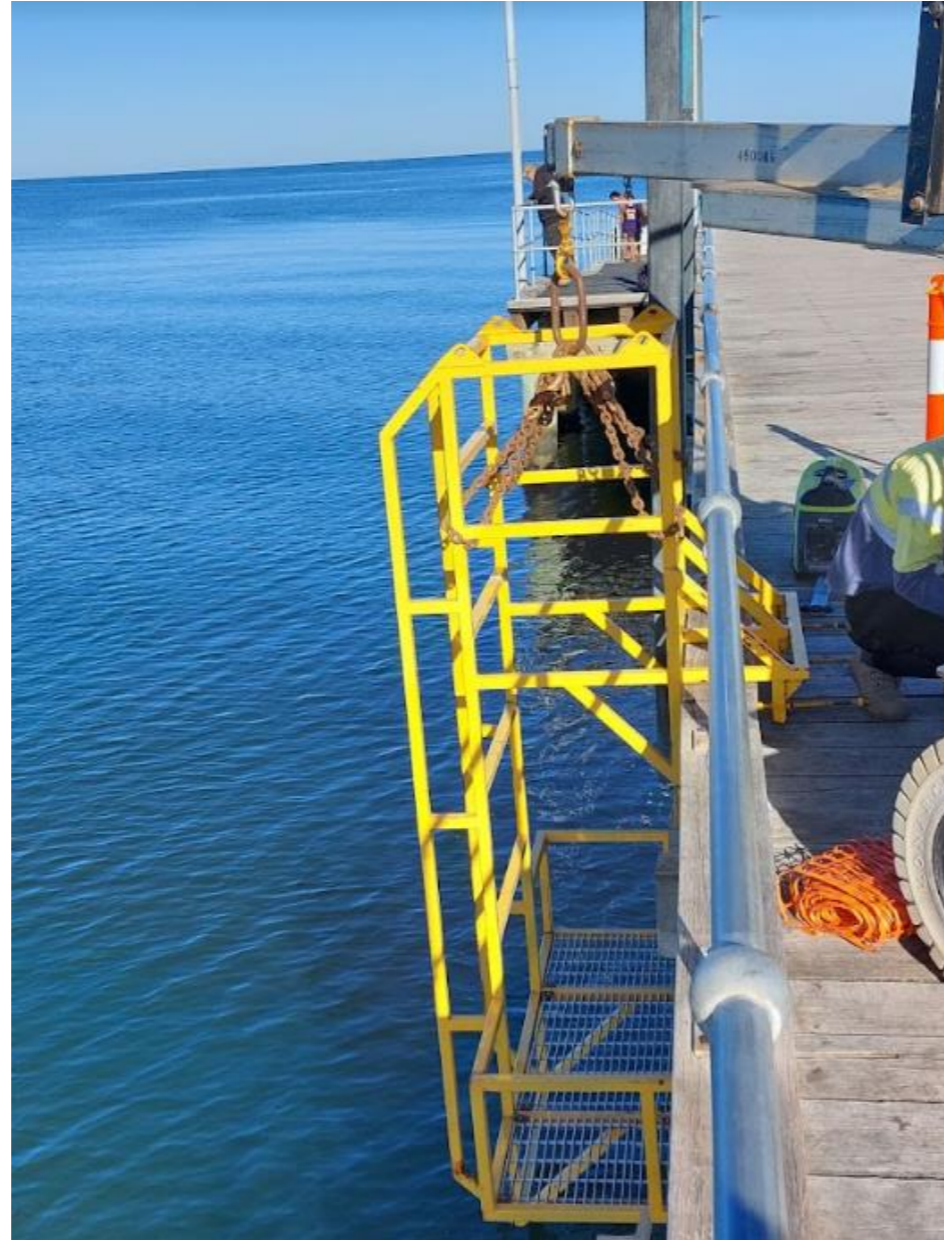
#### What will happen with the existing electrical infrastructure under the pier?

The existing wiring beneath the pier is old and poorly installed. New stainless steel conduits will be fixed to the underside of the pier to protect new wiring and to reduce the amount of wiring.

## Frankston Pier public lighting

### 03

#### Frequently Asked Questions (construction)



#### How will the new electrical infrastructure be installed?

Up to three small cages will be used by electricians to remove existing wiring and to install new conduits and wiring beneath the pier. These cages will be moved on the pier by fork-lifts.

New lanterns will be affixed to the Sight Line poles using a scissor-lift.

Work from the water using boats will not be undertaken.

#### How long will construction take?

It is anticipated that construction will commence in mid-September. Construction has been programmed to take place in September to minimise disruption to pedestrians before the warmer weather starts.

High tide, wind and inclement weather will contribute to delays.

The project should take up to six-weeks to complete.

#### Will pedestrians still be able to use the pier during construction?

Yes, the pier will remain open to the public during construction with only minor interruptions.