



# Swanson Dock West Remediation Project



As the main container hub at Port of Melbourne (PoM), Swanson Dock is central to Victoria's economy, connecting local businesses and households to global markets.

With more than one-third of Australia's container trade moving through the Port, and with volumes expected to double over the next 30 years, maintaining capacity at key terminals like Swanson Dock is essential to keeping trade flowing. To meet this growth, PoM is delivering the Swanson Dock West Remediation Project to strengthen the terminal for the next 50 years.

## Project Background

Swanson Dock West (SDW) is a critical International Container Terminal (ICT) comprising a 944m wharf with three container-handling berths, constructed in several stages between the 1960s and 1980s. This three-stage project involves extending the design life of the asset and accommodating for larger ships in the future, ensuring that it is fit for purpose for its key role in supporting container trade into Melbourne.



**Stage 1 is now complete**, with the following works successfully delivered:

- Installation of **212 structural steel piles**, up to 46 metres long.
- Remediation of the existing sheet pile wall and marine piles.
- Installation of **new 150 tonne bollards** to accommodate larger vessels.
- Remediation of the wharf deck, including replacement of the ship-to-shore crane rail system.
- Repair and installation of new Impressed Current Cathodic Protection (ICCP) system
- Use of **1,800 tonnes of reinforcing steel** and over **15,000 tonnes of concrete** for deck remediation.
- Over **7,900 tonnes of materials recycled**, including concrete, steel, cardboard and co-mingled waste.

## How we are delivering the project

Following the completion of Stage 1, the construction methodology was reviewed and refined to enhance efficiency and operational outcomes. As a result, the works have been resequenced to commence at Berth 3 ahead of Berth 2. The new program improves efficiency by maximising the time available for simultaneous berthing of two 300m vessels and accommodating the increased frequency of vessels exceeding 290m Lenth Overall (LOA).

### Stage 1

#### Berth 1

Works were completed in May 2025, marking a major milestone in securing the long-term future of this key international container terminal.

The Stage 1 scope includes:

- New landside piles and a new crane rail.
- Additional 150 tonne bollards.
- Upgrade of 50 tonne bollards to 100 tonne bollards.
- Concrete remediation and sheet pile wall remediation.

### Stage 2

#### Berth 3

Works commenced at Berth 3 in September 2025, with works due to be completed in late 2027.

The Stage 2 scope includes:

- Upgrade of 50 tonne bollards to 100 tonne bollards, and a new crane rail.
- Extensive concrete remediation and replacement of sections of the deck, fender beams and transverse beams.
- Reinforcement and remediation of the sheet pile wall.

### Stage 3

#### Berth 2

Works are scheduled to commence 2027-28. The project is now expected to be completed in 2032 (subject to change).

The Stage 3 scope includes:

- New landside piles and a new crane rail.
- Upgrade of 50 tonne bollards to 100 tonne bollards.
- Concrete remediation and sheet pile wall remediation.



If you have any questions or require further information, please contact us via either of the below channels.

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