

Works update

Construction of new buried protection structure, Mitchell Street Stockton

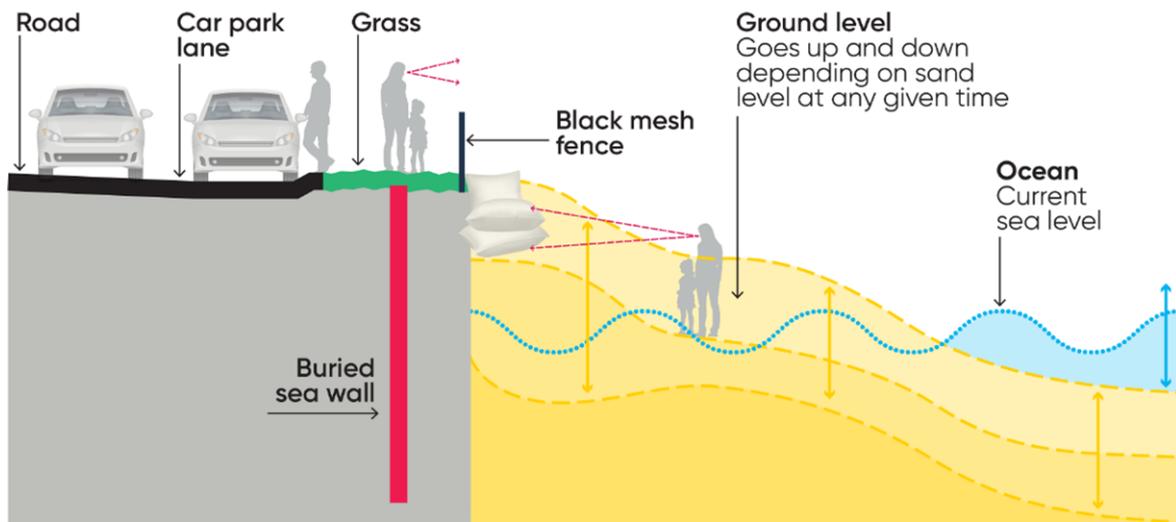
City of Newcastle (CN) is undertaking the construction of a buried protection structure along the Stockton foreshore, commencing April 2023.

These works form part of CN's commitments within the *Stockton Coastal Management Program (CMP) 2020*, which outlines a series of short and long-term actions to help manage, maintain and preserve Stockton's coastline. These actions include construction of more permanent protection structures, which are required to shield the shoreline and reduce the chance of inundation during large swells.

What are we building?

The new structure is a buried concrete seawall which will be buried as shown in the image below once complete.

This new seawall is 126 metres long and the base of the wall will extend 8.5m below ground.



Rectification works will be undertaken to reinstate kerb, gutter, pavement, and landscaping within the vicinity of the works. CN have engaged a contractor with previous coastal construction experience to complete the works.

Where will this be located?

The buried seawall will be constructed along the footway behind the Stockton Beach escarpment, between the houses at 189 and 209 Mitchell Street.

Why is a seawall the best option?

CN studied and compared a range of potential design options to determine which solution best suited this location. Options were assessed on how it addresses storm erosion and long-term beach recession, access and amenity, cost to construct, operational maintenance costs, environmental impact, ease of construction and availability of materials.

Compared to other terminal protection solutions, the chosen design known as a 'vertical secant pile seawall' requires less excavation during construction. It is more cost efficient and leads to less disruption during construction than other options.

How might the work affect you?

Construction is estimated to be completed by early 2024. Activities will be staged to minimise disruption where possible.

The work will involve truck movements and the use of machinery which will generate some noise, vibration and dust. CN will make every effort to minimise impact and limit noisy activities to after 7am.

What impact will the work have on the use of Mitchell Street?

During construction, Mitchell Street will remain open under traffic control. The south bound travel lane and seaward parking lane will be impacted during our works, with detours in place. Traffic controllers will be present to allow traffic flow and resident access on the remaining northbound lane.

In instances where access will be temporarily impacted, residents will be notified within a reasonable timeframe to park your vehicle in an accessible space.

Garbage bin collections will not be impacted.

Further information

We will continue to work with Worimi Registered Aboriginal Parties to ensure these works respect the significance of the Stockton coastline to the Worimi people and their heritage.

For more information or for further project update please visit newcastle.nsw.gov.au/stockton-works or call 4974 2000.