

PORT BOTANY CONTAINER TERMINAL EXPANSION PROJECT

Questions & Answers

Pedestrian Bridge linking Sir Joseph Banks Park to Foreshore Beach

Q. Why is a pedestrian bridge being built?

- A. A new bridge will provide the community with a safe and universal access point between Sir Joseph Banks Park, and the Foreshore Beach recreation area. This includes a lookout, a four lane boat ramp, amenities building and a cycle/pedestrian pathway.

For more information on the Foreshore Beach recreation area please see the Question and Answer sheet available through the website or by contacting the project.

Q. Where is the pedestrian bridge located?

- A. The bridge will run north-south across Foreshore Road. The bridge will be located on the northern side of Foreshore Road near the existing lookout in Sir Joseph Banks Park, and to the south near the new boat ramp and associated facilities.

Q. What will the pedestrian bridge look like? Were there any design requirements?

- A. The bridge will be recessive grey in colour. The detailed design of the pedestrian bridge adopts architectural standards consistent with the Concept Design.

The urban design complies with 'Project Scope and Technical Requirements' (PSTR). The main criteria here includes and relates to smooth, clean lines, slenderness, consistency with other bridges in the Port Botany area, neat and simple details, hidden services, and recessive colours.

For more information on this see the Visual Amenity Plan available via the Community Section on the Port Botany website.

Gradients and rest landings comply with access and mobility requirements, so the bridge is completely accessible for less mobile users. A cage over the bridge was required in design to prevent stone-throwing onto vehicles and also to prevent climbing on top of the cage. Lighting is in place for the length of the bridge and also meets the requirements set by the airport standards.

Figure 1. Artist's Impression of Foreshore Road Pedestrian Bridge



Q. How high and long will the pedestrian bridge be?

- A. Height of the bridge at its maximum is 5.8m above the road carriageway to the underside of the bridge. The length is 173m from abutment (end support of a bridge structure) to abutment.

Q. Who designed the pedestrian bridge?

- A. The pedestrian bridge was designed by Hyder Consulting based on the contract specification provided Sydney Ports Corporation (SPC)



The bridge has a 100 year design life. The span and height were determined by requirements set out by the Roads and Traffic Authority (RTA).

Q. Can I ride my bike, on the pedestrian bridge?

- A. Yes, one of the design specifications of the bridge was to ensure that it was universally accessible by pedestrians and cyclists to ensure all can use the bridge simultaneously. The southern curve alignment of the bridge (radius) complies with bicycle design codes.

Q. How will the pedestrian bridge be built?

- A. A combination of piling works and construction including foundation works in Sir Joseph Banks Park, Foreshore Road median strip and in the Foreshore Beach area.

The section of bridge that crosses Foreshore Road will be brought in by truck in oversized pre-cast pieces during night time lane closures on Foreshore Road.

Q. Will the construction of the pedestrian bridge affect traffic flow on Foreshore Road?

- A. The pedestrian bridge foundations were constructed under traffic management controls when adjacent to Foreshore Road.

The superstructure of the pedestrian bridge will be pre-cast. Beams will be delivered and erected during limited night time road closure of Foreshore Road.

The construction of the new pedestrian bridge over Foreshore Road also requires works in the median and shoulder areas. Traffic management arrangements will move traffic left by re-linemarking Foreshore Road allowing works in the median to be constructed, and secondly,

traffic moved toward the median allowing shoulder works to be conducted.

Some limited nightworks will be required when placing girders on the bridge. Temporary short term lane closures will be required for this to occur, traffic will be restricted to one lane in each direction when these works are carried out.

Q. Will there be any environmental impacts during construction of the pedestrian bridge?

- A. There may be some vibration with the piling works that will occur. These sites continue to be carefully monitored, and residents in the area will be advised of the works and possible impacts. Some clearing works that occurred in early 2009 in Sir Joseph Banks Park will be revegetated on completion of the bridge.

Q. When will the bridge be finished?

- A. The bridge is due to be completed by the end of 2009.

Q. How do I find out more about the construction phase of the Project?

- A. Contact the project via:

Web: www.sydneyports.com.au

Project Information Line: (free call):1800 177 722

Email: portbotany@boulderstone.com.au