



Tower Crane

How tall is it?

Known as a Hammerhead Tower Crane, it is 44-metres tall from its base.

How much can it lift?

The crane can lift up to 16-tonne. 16-tonne is about the equivalent weight of 54 tigers or 10 cars.

How far can the crane reach?

The crane's horizontal jib or boom can reach up to 75-metres.

What will it be lifting on the Griffith Base Hospital Redevelopment?

The tower crane will be used to lift and move materials, plant and equipment on and off the new multi-storey building. This includes the lifting of formwork, reinforcement and scaffolding onto the new building structure as well as installing plant items and structural steel.

When will the crane be in use?

The crane will operate during approved construction hours. The time may vary depending on the weather and construction demands.

How long will the tower crane be in Griffith?

The tower crane will be a feature of the city's skyline until mid 2023.

Who can operate the tower crane?

A crane operator must obtain a high-risk work licence in NSW. The operator is supported by two 'dogman' who direct the crane driver via 2-way radio communication. The first dogman is positioned at the initial lifting location to secure the load to the hook of the crane and direct the item into the air. The second dogman is located at the final laydown location to direct the item into position and release the item from the crane hook.

How does the crane operator get to the top?

The operator climbs an enclosed ladder inside the main tower structure to reach the crane's cabin.

How will the tower crane get to Griffith?

The crane will be transported to Griffith in sections on heavy vehicles. The crane will be assembled and commissioned on the construction site on the Griffith Base Hospital campus using a mobile crane.

Prior to the crane's arrival on the construction site, a concrete crane base will be constructed.



What is the Griffith Base Hospital Redevelopment?

The \$250 million Griffith Base Hospital Redevelopment is being delivered in two stages; the early and enabling works delivered a new Non Clinical Services Building, temporary Paediatric Unit and carparking and demolition of redundant buildings. This was completed in early 2022.

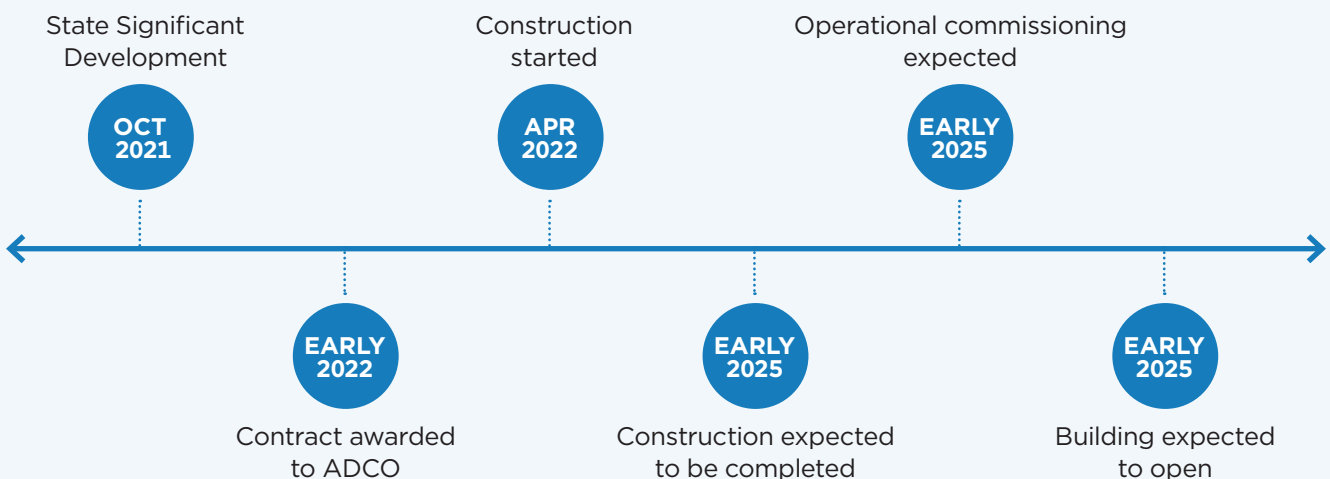
The Main Works stage will deliver a Clinical Services Building, new carparking, landscaping and demolition works. All hospital services will be delivered under one roof. This stage includes refurbishment of the Ambulatory Care Hub for use by Community Health from 2025.

Who is involved in the Griffith Base Hospital Redevelopment?

Health Infrastructure (HI) is working with MLHD to deliver the Redevelopment. ADCO Constructions commenced construction work for the new building early 2022 after being awarded the contract in January 2022.

Watch a fly through animation of the Clinical Services Building under construction: youtu.be/-CGOHvF4pHY

Timeline for Clinical Services Building



FOR MORE INFORMATION:

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