

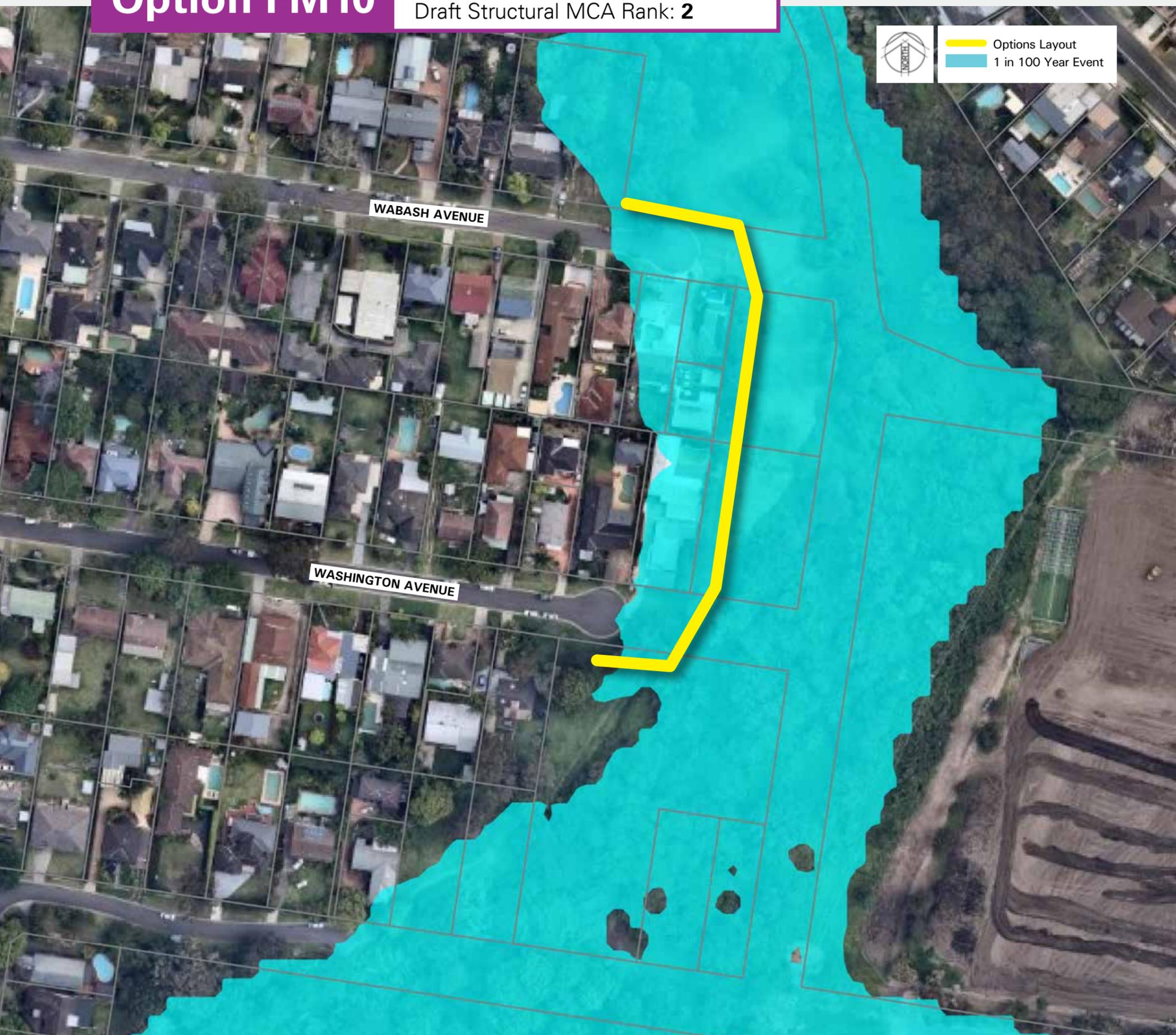
Wabash Ave Levee



northern
beaches
council

Option FM10 Capital Costs (excl. GST): **\$309,000**
Draft Structural MCA Rank: **2**

Options Layout
1 in 100 Year Event



Description

A levee can be constructed to encompass both the flood affected properties and the two cul-de-sac road reserves protecting them from flooding up to the 1 in 100 year event. This option requires a levee with a maximum height of 1.7 m above the existing surface, and a length of approximately 210 m. This option may result in the removal of flooding on four residential properties for the 1 in 100 year event

Modelling Results

The results of the simulations show that the Wabash Avenue levee successfully mitigates the impacts of flooding on the properties behind the levee. The levee results in a minor increase in water level within the creek extents however this does not encroach significantly on adjacent properties. It is likely the small impacts present could be offset with minor drainage alignment works or protection on the opposite side of the creek channel.