

Ocean Street Bridge Replacement



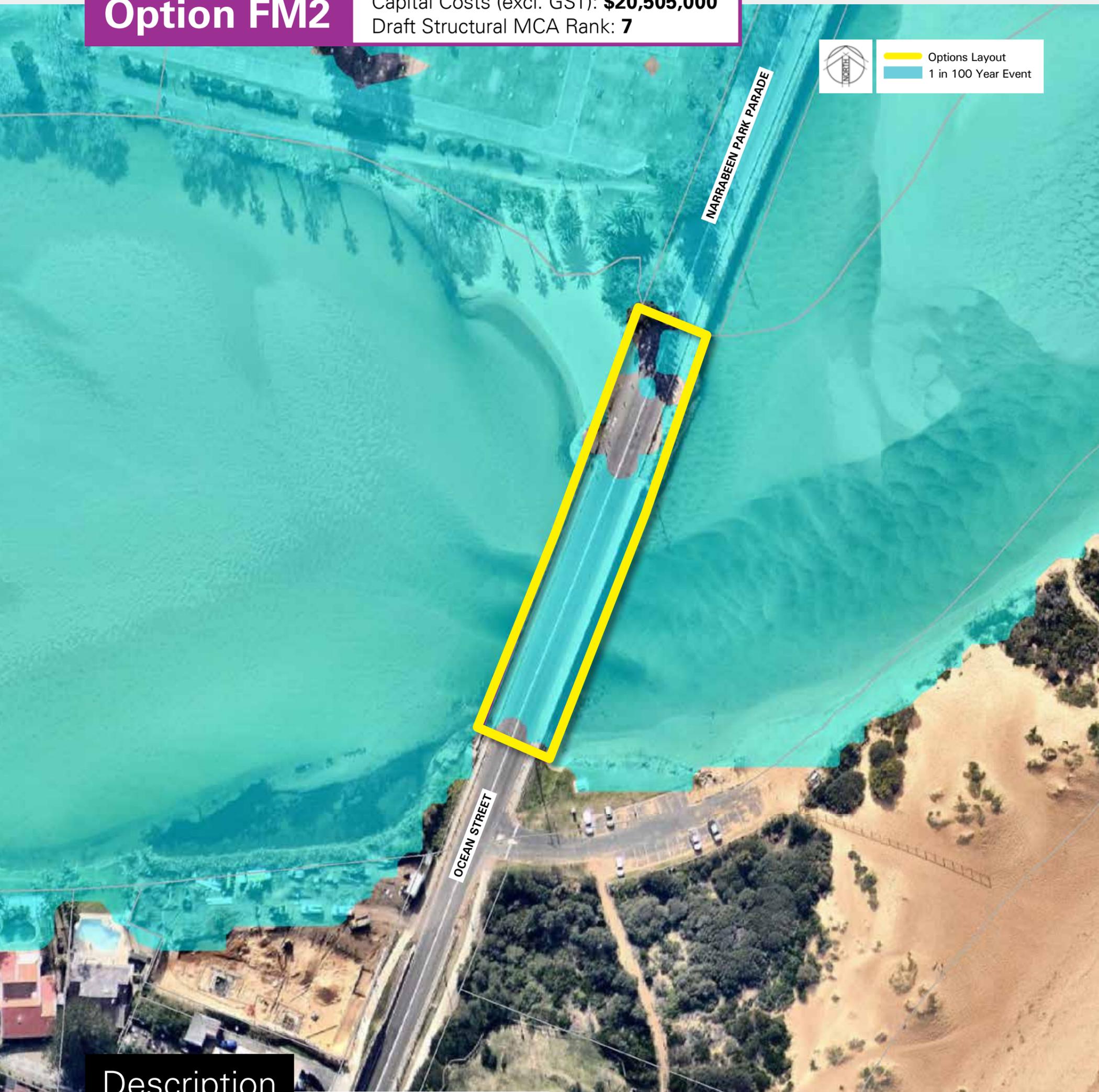
northern
beaches
council

Option FM2

Capital Costs (excl. GST): **\$20,505,000**
Draft Structural MCA Rank: **7**



Options Layout
1 in 100 Year Event



Description

The current Ocean Street bridge is quite low relative to the potential water levels present during a flood event. The replacement of the existing bridge with a bridge that no longer poses a flow obstruction during events up to the 1 in 100 year event may result in a reduction in water levels upstream of the bridge.

Modelling Results

The option reduces the level within the Lagoon by 0.01 m to 0.03 m by removing the obstruction of flood waters. In general this option provides some protection for the catchment and some minor hazard reductions around the lagoon area.