



Estimated Costs

The possible flood protection solutions for the Old Town area, Stuart Street and the harbour, and Glasgow Street can be combined into 3 flood protection scheme options to address flood risk throughout Millport.

All options include flood walls to West Bay Road, Millburn Street, Crichton Street and Glasgow Street and a shore-connected rock armour breakwater at Crichton Street.

The estimated construction costs for the combined scheme options are provided here. The cost estimate has been reviewed and updated since the winter 2016 consultation workshops. The costs include an allowance of 30% to cover uncertainties in the estimates.

Costs and funding

The original assessment of scheme costs (2015) identified that a budget of £12.1 million would be needed for the coastal flood protection scheme.

Further development of the scheme proposals have identified additional components that will be needed. So the cost estimates have increased from the 2015 estimates.

80% of the funding for the scheme will be provided by the Scottish Government, with 20% funded by North Ayrshire Council. We are discussing the revised cost estimates with the Scottish Government and we are completing an additional economic assessment of the potential tourism and regeneration benefits of the scheme.

Option 1a

Flood walls - West Bay Road, Millburn Street, Crichton Street	£ 1,352,000
Shore-connected breakwater - Millburn Street / Crichton Street	£ 1,443,000
Revetment - Clyde Street	£ 970,000
Pier breakwater extension (rock armour breakwater)	£ 3,995,000
Flood walls - Glasgow Street	£ 2,454,000
Flood walls & embankment - Kames Bay and Marine Parade	£ 3,870,000
Repairs to existing structures	£ 507,000
Future maintenance	£ 507,000
Design and survey costs	£ 500,000
TOTAL	£15,598,000

Option 1b

Flood walls - West Bay Road, Millburn Street, Crichton Street	£ 1,352,000
Shore-connected breakwater - Millburn Street / Crichton Street	£ 1,443,000
Revetment - Clyde Street	£ 970,000
Pier breakwater extension (vertical wall and revetment)	£ 25,000,000
Flood walls - Glasgow Street	£ 2,454,000
Flood walls & embankment - Kames Bay and Marine Parade	£ 3,870,000
Repairs to existing structures	£ 507,000
Future maintenance	£ 507,000
Design and survey costs	£ 500,000
TOTAL	£36,603,000

Option 2

Flood walls - West Bay Road, Millburn Street, Crichton Street	£ 1,352,000
Shore-connected breakwater - Millburn Street / Crichton Street	£ 1,443,000
Revetment - Clyde Street	£ 970,000
Offshore breakwaters	£ 10,575,000
Crest wall and drainage - Stuart Street	£ 1,014,000
Flood walls - Glasgow Street	£ 2,454,000
Flood walls & embankment - Kames Bay and Marine Parade	£ 3,870,000
Repairs to existing structures	£ 830,000
Future maintenance	£ 507,000
Design and survey costs	£ 500,000
TOTAL	£23,515,000

Option 3a

Flood walls - West Bay Road, Millburn Street, Crichton Street	£ 1,352,000
Shore-connected breakwater - Millburn Street / Crichton Street	£ 1,443,000
Revetment - Clyde Street	£ 970,000
Offshore breakwaters	£ 12,639,000
Flood walls - Glasgow Street	£ 2,314,000
Flood walls & embankment - Kames Bay and Marine Parade	£ 3,870,000
Repairs to existing structures	£ 830,000
Future maintenance	£ 507,000
Design and survey costs	£ 500,000
TOTAL	£ 24,425,000

Option 3b

Flood walls - West Bay Road, Millburn Street, Crichton Street	£ 1,352,000
Shore-connected breakwater - Millburn Street / Crichton Street	£ 1,443,000
Revetment - Clyde Street	£ 970,000
Offshore breakwaters	£ 29,621,000
Flood walls - Glasgow Street	-
Flood walls & embankment - Kames Bay and Marine Parade	£ 3,870,000
Repairs to existing structures	£ 830,000
Future maintenance	£ 507,000
Design and survey costs	£ 500,000
TOTAL	£39,094,000