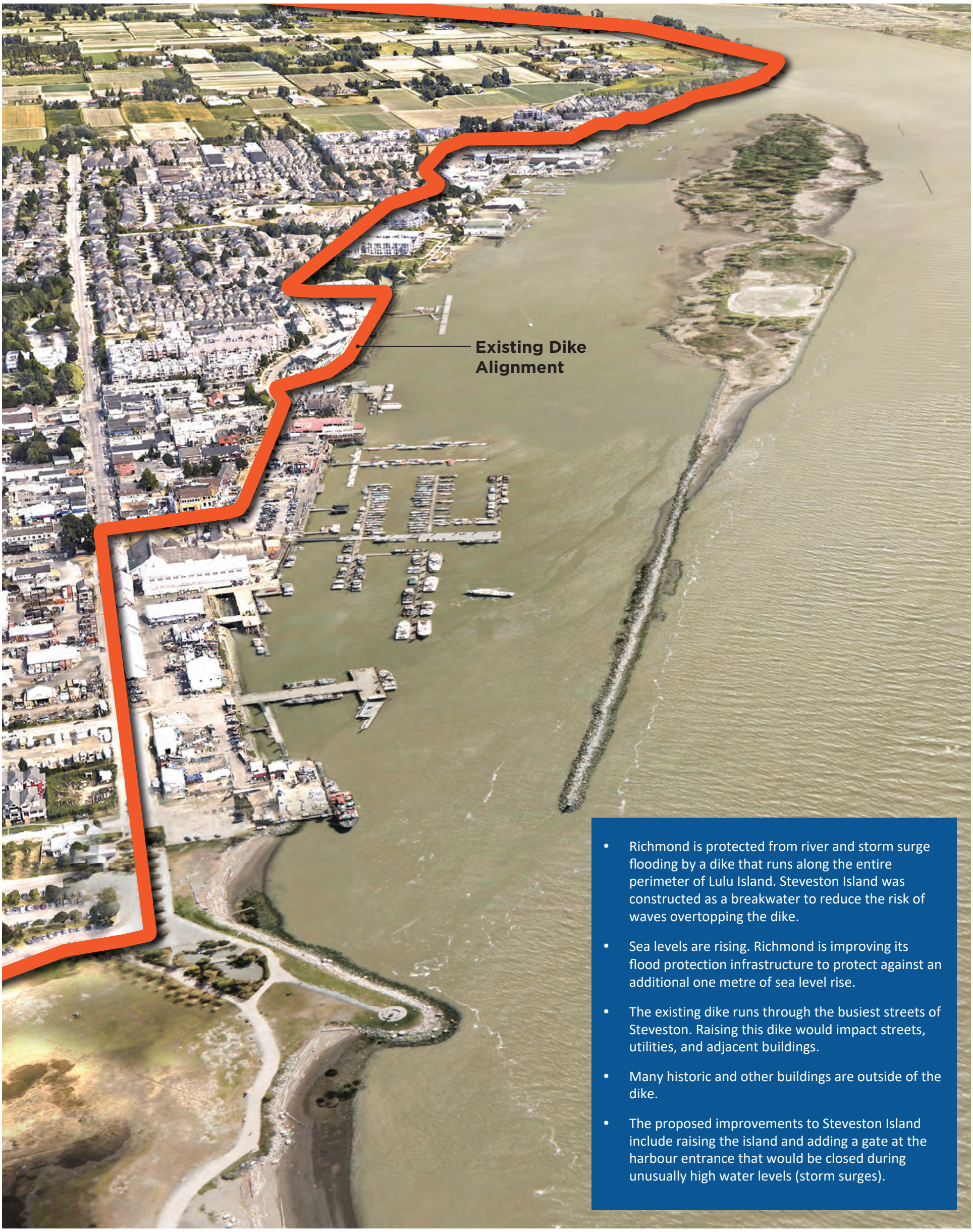
Steveston Island
Preliminary Dike Design



- Richmond is protected from river and storm surge flooding by a dike that runs along the entire perimeter of Lulu Island. Steveston Island was constructed as a breakwater to reduce the risk of waves overtopping the dike.
- Sea levels are rising. Richmond is improving its flood protection infrastructure to protect against an additional one metre of sea level rise.
- The existing dike runs through the busiest streets of Steveston. Raising this dike would impact streets, utilities, and adjacent buildings.
- Many historic and other buildings are outside of the dike.
- The proposed improvements to Steveston Island include raising the island and adding a gate at the harbour entrance that would be closed during unusually high water levels (storm surges).

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Steveston Island
Preliminary Dike Design Plan



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