

How does the Waterfront Plan address flooding?

The Plan emphasizes solving the most frequent flooding in the earliest phases of the Plan.

The City conducted a comprehensive flood mitigation study last year and selected two strategies to address the most frequent nuisance flooding in the most cost-effective way. The first strategy elevates the area that floods most frequently – the foot of King Street and its intersection with The Strand and with Union Street. This strategy would reduce the most frequent flooding by 90% (from approximately 150 times a year to approximately 10 to 15 times a year) and could be completed quickly in the earliest phases of plan implementation.

The second strategy would provide even more protection for the area from the Chart House area to Robinson Terminal South. It involves a series of low walls integrated into a park landscape so as to be almost unnoticeable but protecting against the average 10 year flood. The proposed mitigation program would protect 43 commercial structures and 23 residential structures.

These strategies were developed through a detailed flood mitigation study, prepared for the City of Alexandria by URS in 2010.

For more information about flooding and the Waterfront Plan:

- [Chapter 2 of the Waterfront Plan](#) (see pages 30-31)
- [Potomac River Flood Mitigation Study](#)
- [Potomac River Flood Mitigation Fact Sheet](#)
- [May 3 staff memorandum to the Planning Commission](#) (pages 3-4)