

Background:

In 2019, a condition assessment found that several locations in the existing flood protection areas in Paris, do not meet stability criteria and/or floor protection criteria. Necessary upgrades to the dykes required a Class Environmental Assessment.

The purpose of the Class Environmental Assessment was to provide a planning process that is open to public participation for selection of preferred solutions to improve and manage the Paris floor protection system.

Strategy:

Public Information Centres were held on July 11, 2019, January 14, 2020, and June 21, 2021 to provide information and invite feedback.

The following options were brought forward:

- **Do Nothing:** This option does not address the problem/opportunity and would lead to further deterioration and potential failure of the flood protection works, putting public safety at risk.
- **Undertake Maintenance and Repair Activities:** This option did not meet the preliminary design standards for the flood protection works and does not achieve climate change adaptations.
- **Increase Level of Protection to 100-years:** This option involves reconstructing and raising the flood protection works to meet the preliminary design standards and address climate change with the provision of 0.3 m of freeboard.
- **Increase Level of Protection to the Regulatory Event (i.e. major hurricane):** This option involves reconstructing and raising the flood protection works to satisfy the MNRF 2011 Technical Bulletin: Classification and Inflow Design Flood Criteria.

Outcome:

After the evaluation process was complete, the preferred alternative was to increase the level of protection to the 100-year level plus 0.3 m freeboard.

Timeline and Implementation:

Implementation of the project will consist of eight (8) individual projects. A strategy has been developed to inform future funding options.

Due to the significant public interest and impact of the works in downtown Paris between the William Street bridge and the Grand River Street bridge, it was recommended that this portion of the project undergo further assessment to include additional technical investigations and public and Indigenous communities' consultation.

For more information on the Paris Flood Mitigation Master Plan and to review the full report, please visit www.engagebrant.ca/parisfloodmitigation.