



**City of Kingston  
Report to Council  
Report Number 19-260**

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**To:** Mayor and Members of Council  
**From:** Craig Desjardins, Director, Strategy, Innovation & Partnerships  
**Resource Staff:** Troy Beharry, Partnership & Grant Development Analyst  
**Date of Meeting:** October 1, 2019  
**Subject:** Disaster Mitigation and Adaption Fund – Contribution Agreements

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**Executive Summary:**

The purpose of this report is to seek Council's approval to enter into the required contribution agreements with the Government of Canada under the Disaster Mitigation and Adaption Fund (DMAF) in order to receive funding of up to \$20.2M. The funding will be used towards shoreline protection works, neighbourhood storm water drainage improvements and combined sewer separation.

In order to meet Infrastructure Canada's timelines, it is required that the execution of the contribution agreements take place prior to October 11, 2019.

**Recommendation:**

**That** Council authorize the Mayor and Clerk to enter into contribution agreements and related documents with Infrastructure Canada for grant funding of up to \$20,200,000 under the Disaster Mitigation and Adaption Fund, in a form satisfactory to the Director of Legal Services.



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**Options/Discussion:**

On May 17, 2018, the Government of Canada launched the DMAF to invest in large-scale public infrastructure projects needed to mitigate the potential economic, environmental and social impacts of climate change, and to strengthen the resilience to disasters triggered by natural hazards and extreme weather events. The DMAF is a national, 10-year, \$2B merit-based program.

Two successful grant applications through the DMAF have resulted in the City receiving up to \$20.2M in grant funding to make our community more resilient to climate change (\$9.8M for shoreline protection and \$10.4M for combined sewer separation and storm water management infrastructure).

**Shoreline Protection Works**

Up to \$9.8M in DMAF funding will support shoreline protection projects that seek to strengthen the resiliency of the highest priority and most vulnerable pieces of critical shoreline infrastructure along Kingston's most vulnerable Lake Ontario and Cataraqui River shoreline reaches.

A total of 2,140 linear metres of rock revetment and 1,052 linear metres of shorewall repair and enhancement will protect critical infrastructure including roads, active transportation trails, sewer trunks & storm outfalls and ensure safe waterfront access for the community at the following locations:

- Waterfront Trail (Lake Ontario Park to Portsmouth Olympic Harbour) - Rock Revetment and Shorewall Treatment
- Horsey Bay Parkette - Rock Revetment
- Morton Way - Rock Revetment
- Richardson Beach (Rock Revetment and Emily Street to Maitland Street Shorewall Enhancements)
- Douglas R. Fluhrer Park - Rock Revetment and Shorewall Repairs
- Molly Brant Point - Rock Revetment and Shorewall Repairs
- Place D'Armes (Anglin Bay) - Shorewall and Seawall Repairs
- Portsmouth Olympic Harbour - Rock Revetment and Shorewall Enhancements
- An Gorta Mor Park - Rock Revetment
- MacDonald Memorial Park - Rock Revetment
- Emma Martin Park - Rock Revetment and Shorewall Repairs
- 17/19 Point Crescent - Rock Revetment
- Crerar Park - Rock Revetment
- Crawford Wharf (Tour Boat Area) - Shorewall Repairs
- 100 Foot Park - Rock Revetment
- Old Front Road/Horsey Bay - Rock Revetment
- Front Road/Cataraqui Bay - Rock Revetment
- St. Lawrence Avenue to Treasure Island - Rebuild Low-Lying Road

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**Combined Sewer Separation and Storm Water Management Infrastructure**

Up to \$10.4M in DMAF funding will support ongoing efforts to separate the combined sanitary and storm water sewers in the downtown core. In addition, improvements to storm water systems (such as drainage paths) in flood-prone areas will add resiliency in the event of major storms.

The City was notified on August 23, 2019 of confirmed approval of federal funding of up to \$20.2M. In order to access funds, the City must enter into two contribution agreements. The agreements have been reviewed by Legal Services and are in the form of standard upper level government contribution agreements.

**Existing Policy/By-Law:**

Not applicable

**Notice Provisions:**

Not applicable

**Accessibility Considerations:**

Not applicable

**Financial Considerations:**

The total estimated cost of these climate action initiatives is \$50.5M. The DMAF will contribute 40% of the project funding. The remaining 60% of project funding has been included in the City's long-term capital plans. The projects funded through DMAF will be completed over a 10-year timeline, with completion by March 31, 2028.

**Contacts:**

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**Other City of Kingston Staff Consulted:**

This report was circulated to a number of internal departments for review and all comments have been incorporated.

**Exhibits Attached:**

Not applicable