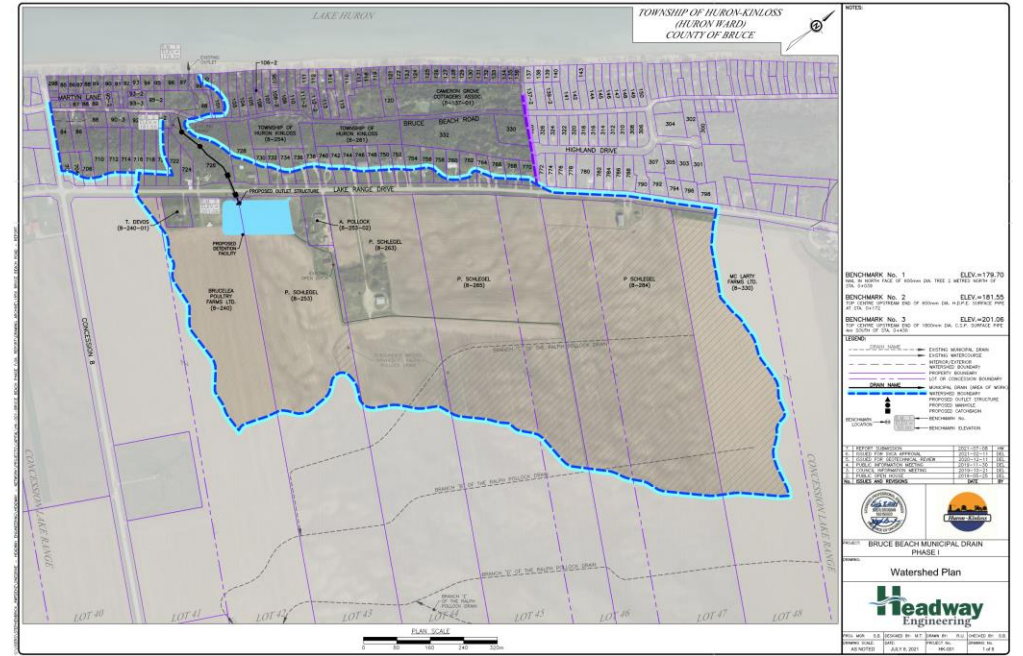


Township of Huron-Kinloss
July 19th, 2021
Meeting to Consider Report

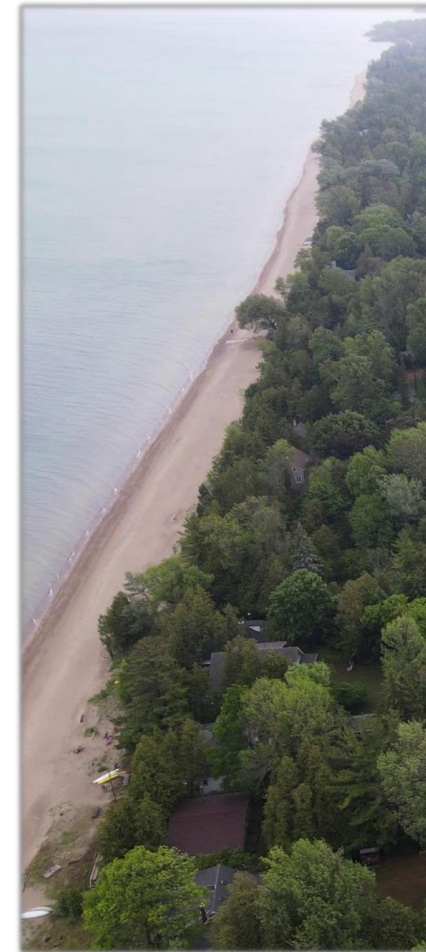
Bruce Beach Municipal Drain Phase I



Presentation Overview

- Authorization & Public Engagement
- Findings
- Recommendations & Design
- Estimated Costs

- Process/Procedure and Next Steps



BRUCE BEACH MUNICIPAL DRAIN PHASE I



July 8, 2021

Prepared for:

Township of Huron – Kinloss

Prepared by:

Headway Engineering
23-500 Fairway Road South
Suite 308
Kitchener, Ontario N2C 1X3
226 243 6614
www.headwayeng.ca

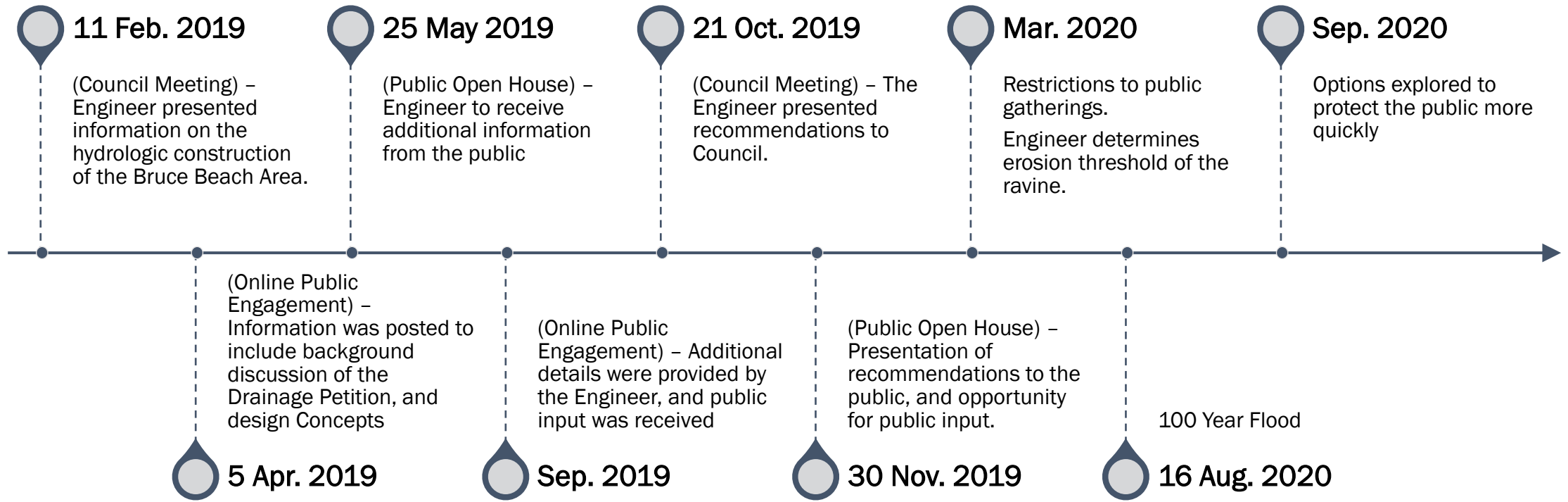


Authorization

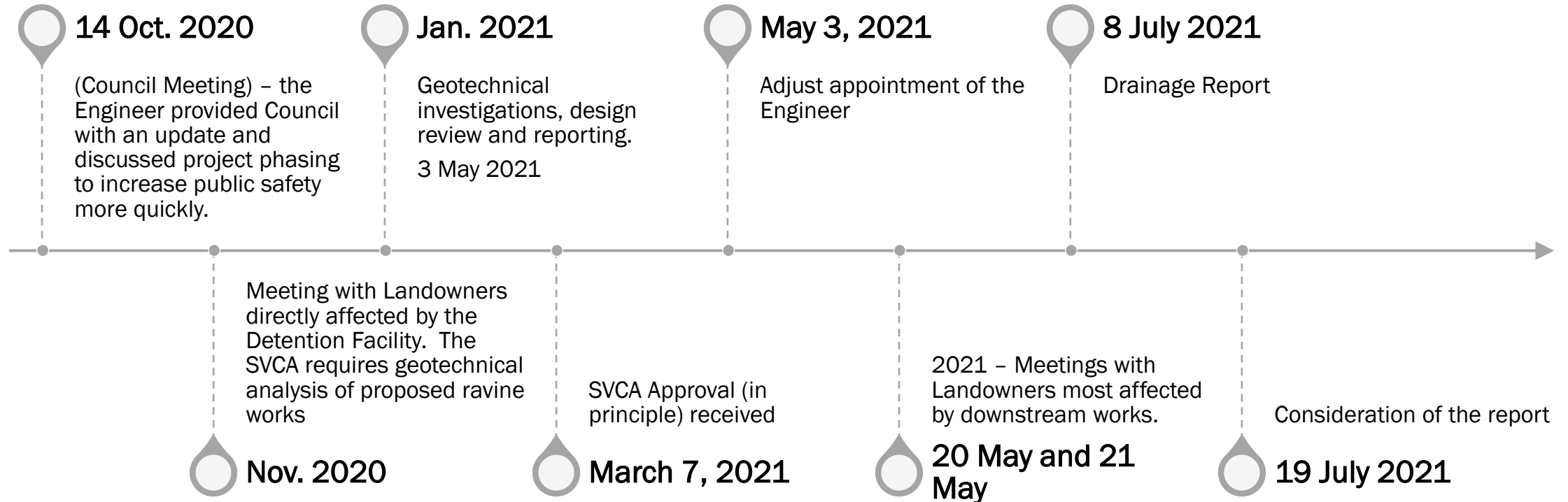
- Dietrich Engineering Limited Appointed by the Council of the Township of Huron-Kinloss on November 19, 2018 under Section 4 of the Drainage Act.
- The Council adjusted its appointment of the Engineer on May 3, 2021 to Reflect Headway Engineering as the new appointee.



Timeline of Events

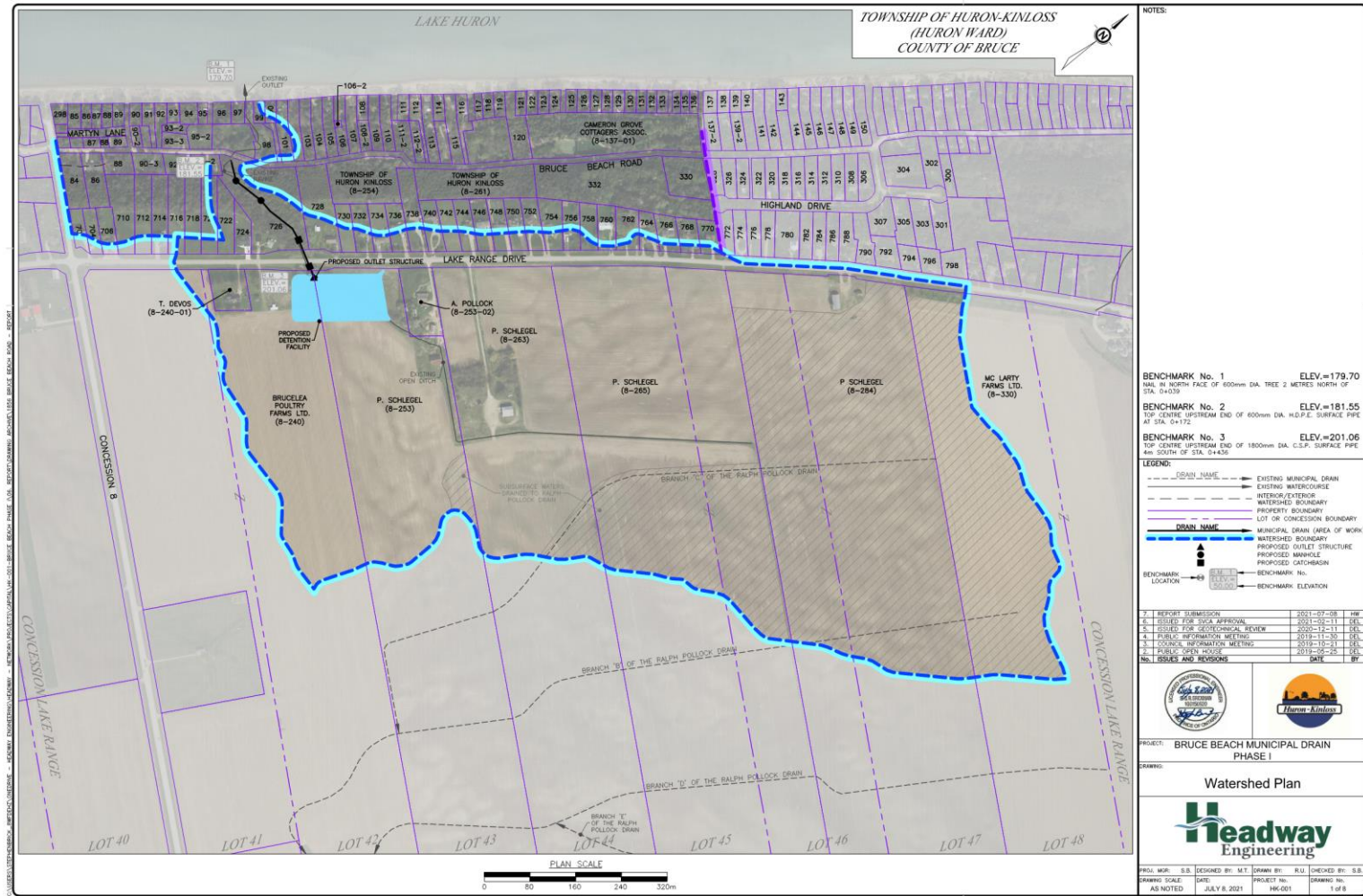


Timeline of Events (continued)



Findings

Nearly 200 Acres drains through the ravine.



Findings

The Ravine is experiencing high levels of erosion.

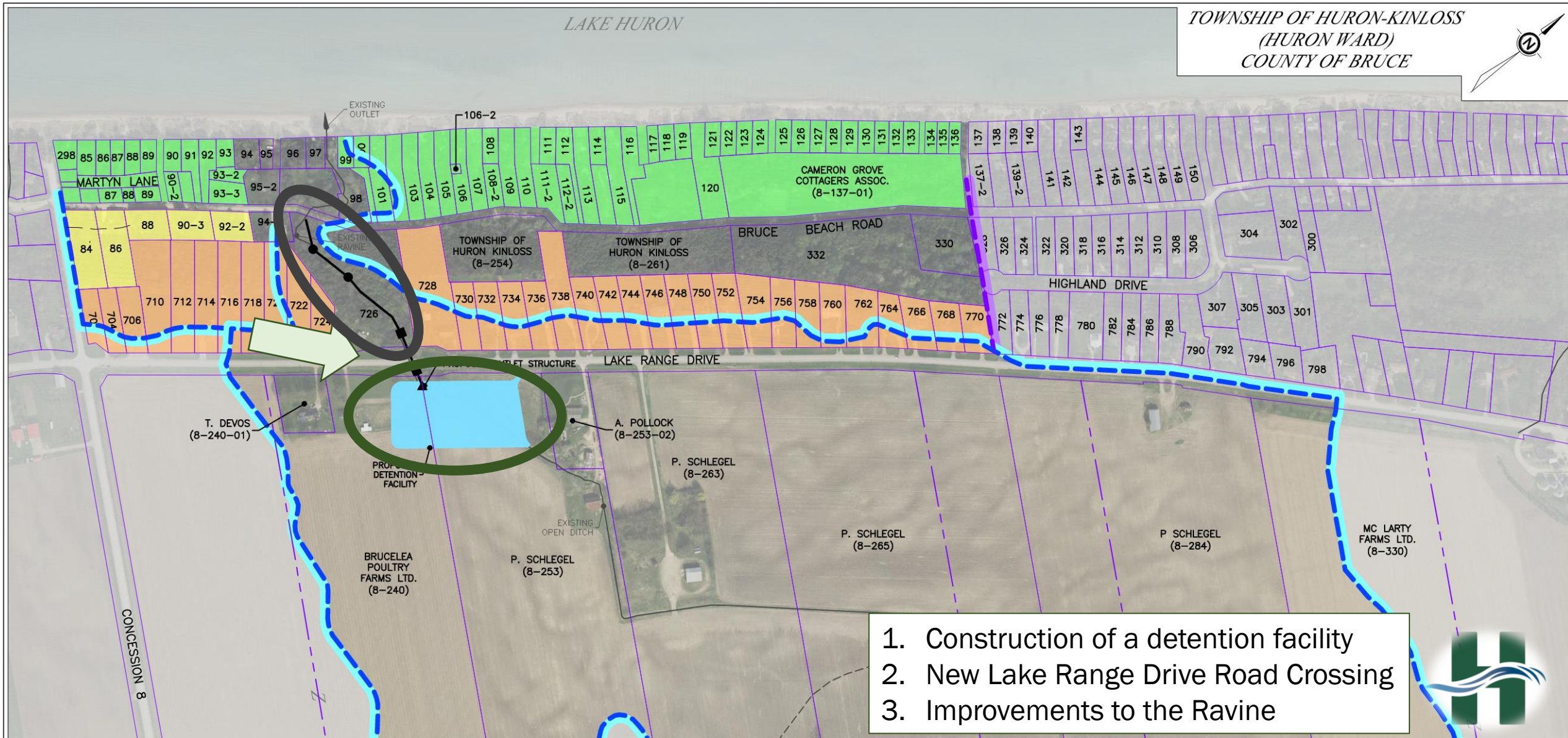


Findings

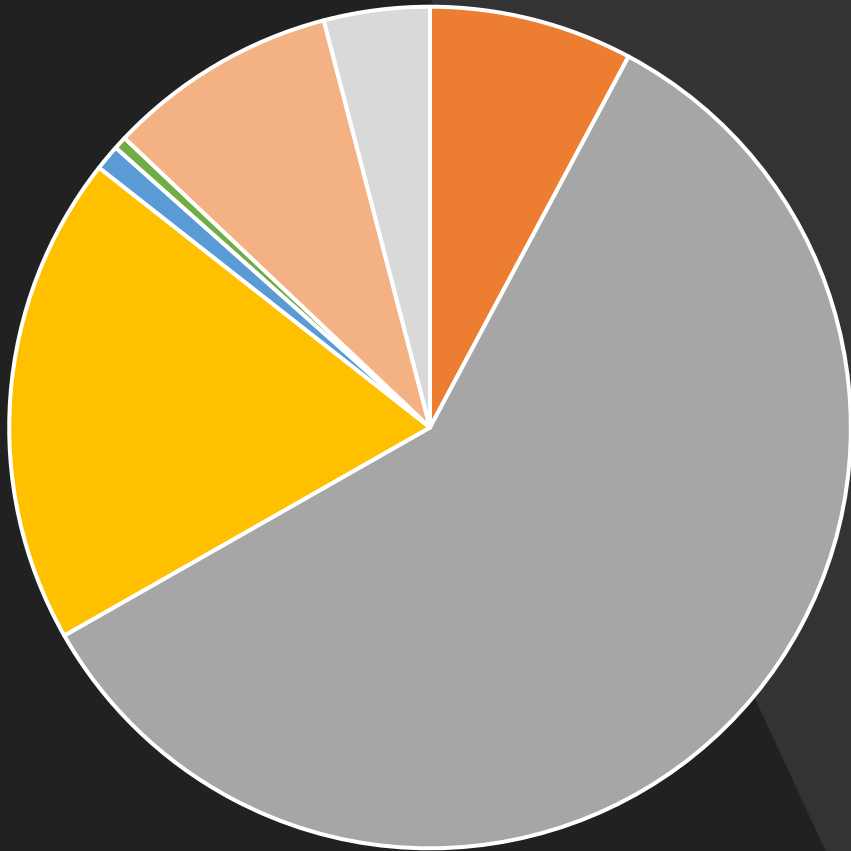
Significant Storm Events
have been experienced



Recommendations and Design



Estimated Costs



Allowances



Construction Costs



Meetings, Surveys, Design, Cost Estimates, Reporting, etc.



Legal Surveys, Appraisal Reports and Geotechnical Reviews



Environmental Agencies and Permitting Fees



Contract Documents, Administration, Supervision & Inspection



Interest & NET HST



Total Estimated Costs: \$1,015,000



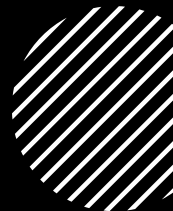
Process

- Appointment of an Engineer under Section 4 – Complete
- Onsite Meeting and Public Engagements – Complete
- Survey – Complete
- Drafting – Complete
- Design and Cost Estimating – Complete
- Public Engagements – Complete
- Environmental Consultations – Complete
- Prepare final Report – Complete
- **Processing the Report** – Next Slide
- Tendering
- Construction
- Recover Costs





Processing the Report



Engineer files the report with the Township – **Complete**



Township schedules Meeting to Consider the Report – **Complete**



Township mails a copy of the report, and a Notice of the Meeting to Consider the Report to everybody affected – **Complete**



Meeting to Consider (Tonight)



Township forwards a copy of the provisional by-law to Landowners, along with a notice of the Court of Revision



Appeals Process

Court of Revision – Assessment Based Appeals

Tribunal and Referee (if necessary)



Third Reading of the By-Law

