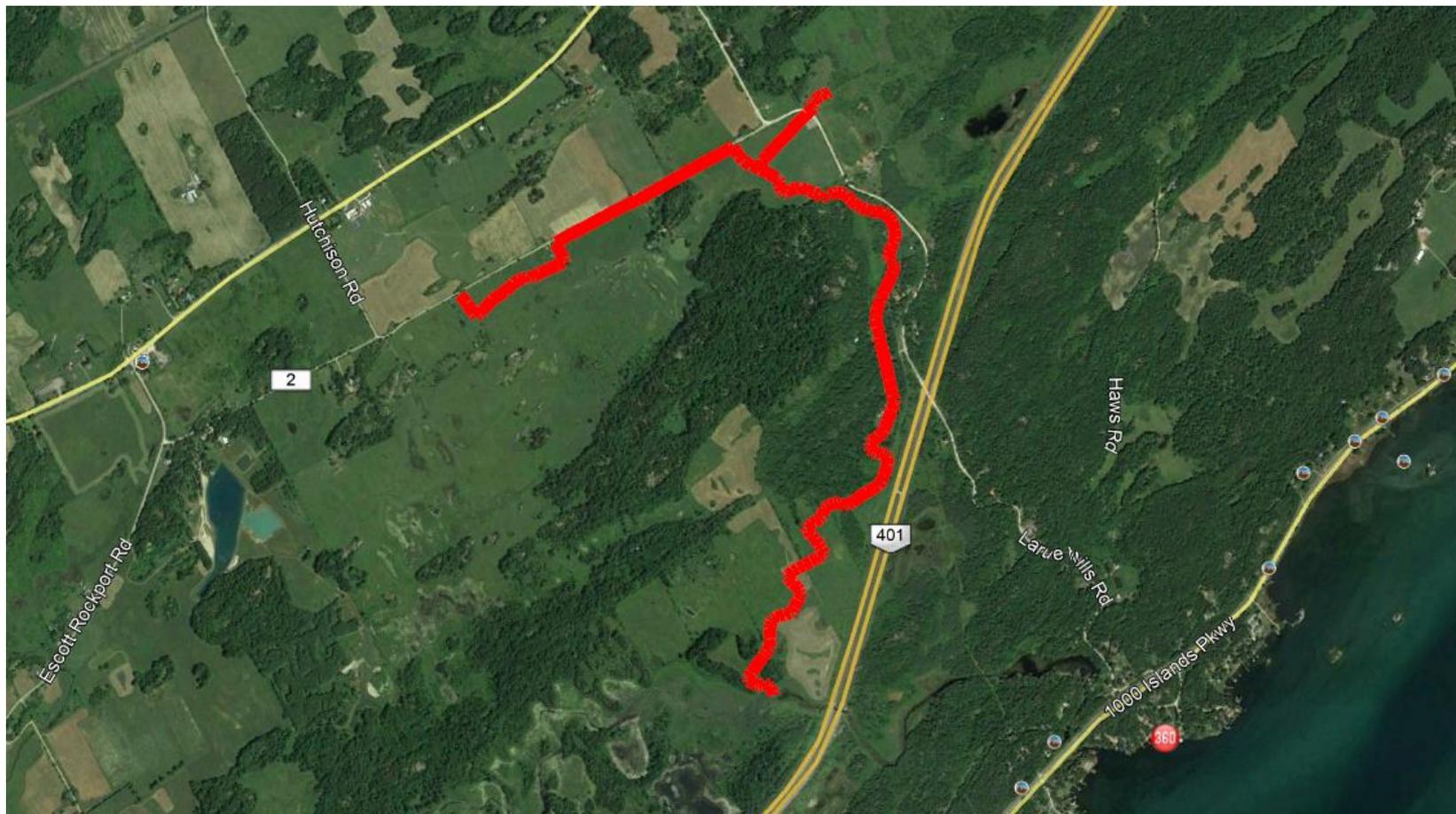


Allin Drain: On-Site Meeting

Section 78: Improvements & Updates to Report



Presentation Overview

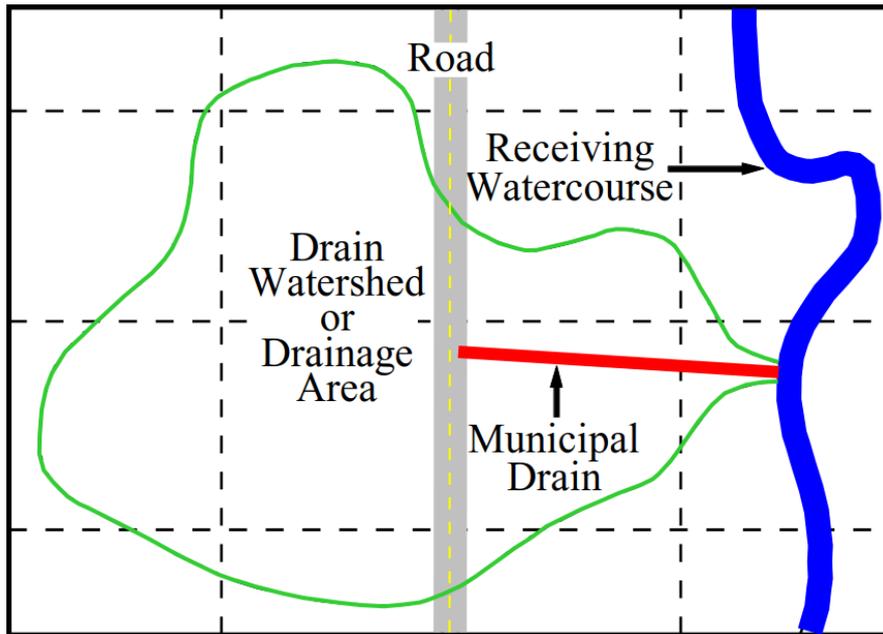
- Introduction to the Drainage Act
- History of the Allin Drain
- Section 78 of the Drainage Act
- Next Steps
- Questions

Introduction to the Drainage Act

- The Drainage Act is legislation unique to Ontario
- Means for landowners to solve drainage problems
- Two methods under the Drainage Act:
 - Mutual Agreement Drains
 - Petition Drains
 - *Allin Drain is an existing Petition Drain adopted under bylaw.*

What is a Petition Drain?

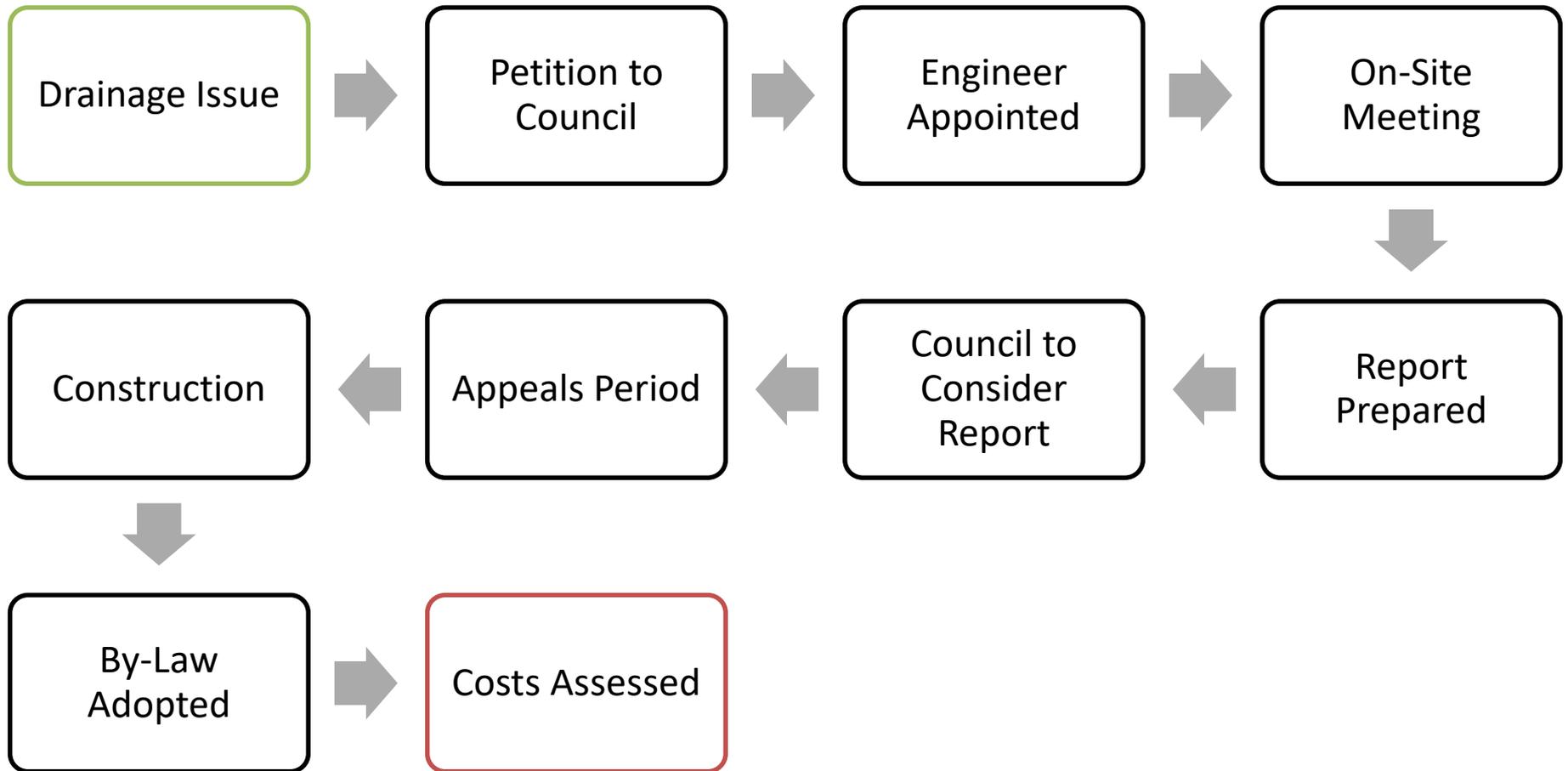
- **Physically:** a “Petition Drain” is a drainage system comprised of ditches, pipes or other means to convey water to a sufficient outlet.



What is a Petition Drain?

- **Legally:** a “Petition Drain” is a drainage system that has been adopted by by-law.
 - **Petitioned for by landowners for the right of drainage.**
 - The municipality has the obligation to construct and maintain a “Petition Drain” to the design of an engineer.
- **Purpose:** the removal of excess surface water from the properties within the watershed area.
 - Reduction of flooding (lawns, basements etc.)
 - Increased longevity of public infrastructure
 - Increased production on agriculture lands
 - Outlet for tile drainage

How is a Petition Drain Established?



Petition Drain Summary

Community Project

- Petitioned for by landowners within a watershed
- Developed through public process
- Appeal periods for objections.

Legal Existence

- Adopted by by-law
- All landowners have the right of drainage
- All landowners share costs of construction/maintenance

Municipal Responsibilities

- Obligated to maintain drain on behalf of landowners

History of the Allin Drain

- Originally partially constructed as an award drain;
 - Known as D.W. Hutchison Award Drain;
- Petitioned to be converted to a Petition Drain in 1978;
 - New report prepared for the Allin Drain and Branch;
 - Latest governing report dated May 1979.
- Consists of approximately 4.7 km of open ditch:
 - Allin Drain: 4.3 km
 - Guild-Allin Branch: 400 m
- Area drains:
 - approximately 4,000 acres

What are the concerns with the current Engineer's Report?

- Age of current Engineer's Report;
- Change in land use;
- Land development – severances, etc.

What are the concerns with the current Drain Conditions?

- Alignment;
- Culverts;
- Erosion;
- Blockages;
- Vegetation growth;
- Sedimentation.

How can these issues be resolved?

- Section 78 of the Drainage Act.

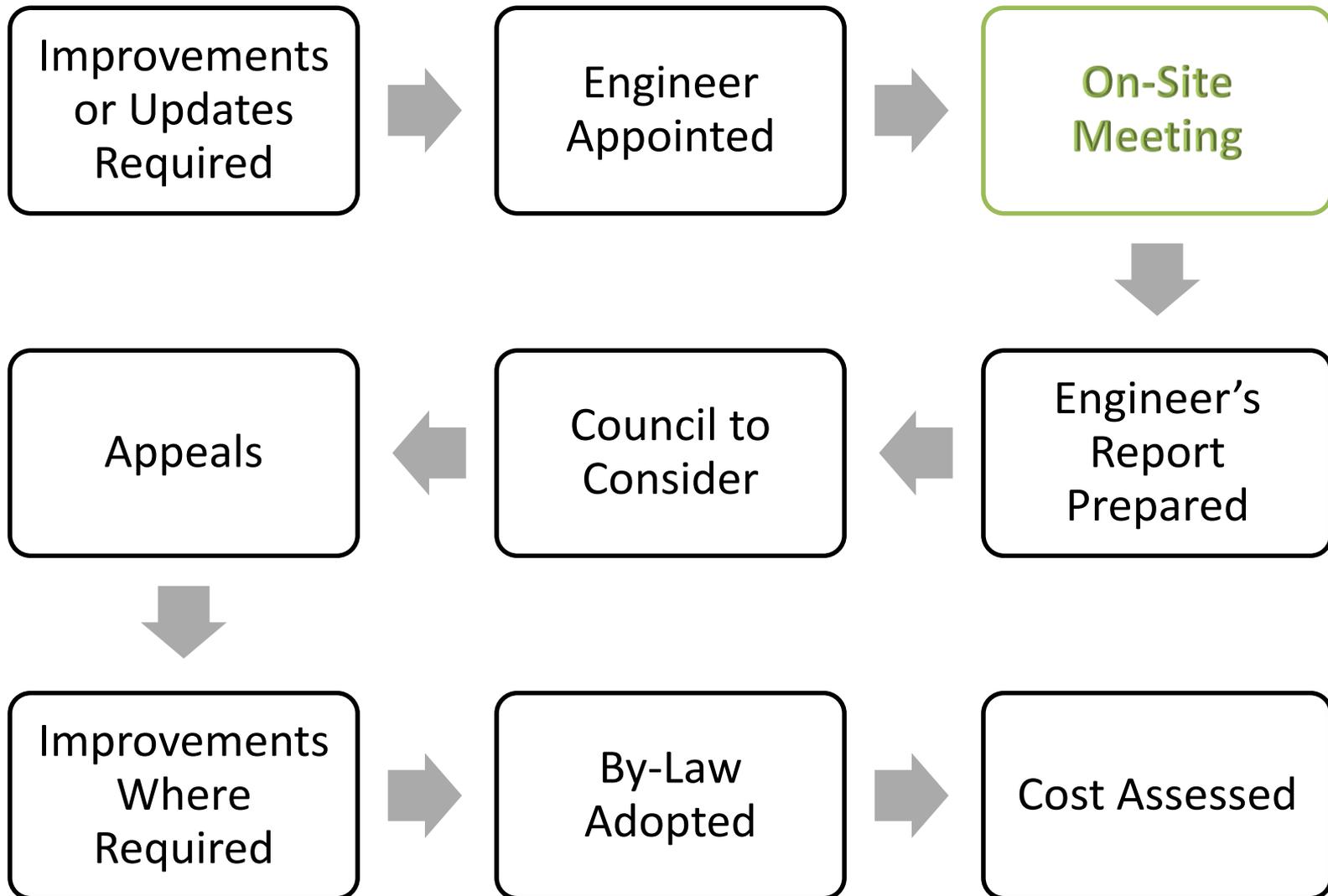
Section 78 of the Drainage Act

This section allows for changes to a drain after a by-law has been adopted.

- **Changing the course** of the drainage works.
- Making a **new outlet** for the whole or any part of the drainage works.
- Constructing a **tile drain** under the bed of the whole or any part of the drainage works.
- Constructing, reconstructing or extending embankments, walls, dykes, dams, reservoirs, bridges, pumping stations or other protective works in connection with the drainage works.
- Otherwise improving, extending to an outlet or altering the drainage works.
- **Covering** all or part of the drainage works.
- **Consolidating** two or more drainage works. 2010, c. 16, Sched. 1, s. 2 (27).

Section 78 Process

(Improvements / Updates to Engineer's Report)



Engineer's Report

- Drawings (Plan/Profiles/Specifications)
- Watershed Boundary
- Cost Estimate
- Assessments
- Crossings
- Future Maintenance

Next Steps

1. Respond to Questions / Drainage Concerns
2. Topographic Survey & Environmental Field Review
3. Confirm Watershed Boundary
4. Investigate Drain Improvements
5. Prepare Final Report
6. Submission of Final Report to Council for circulation to landowners.

Topographic Survey & Environmental Review

- Survey crew staff and a biologist will be out collecting information in the near future.
- Staff will only enter properties where the Allin Drain resides.

Questions



Contact Information

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