

# HAMILTON DRAIN 2025

## REPORT CONSIDERATION MEETING

April 23, 2025  
7:00 p.m.





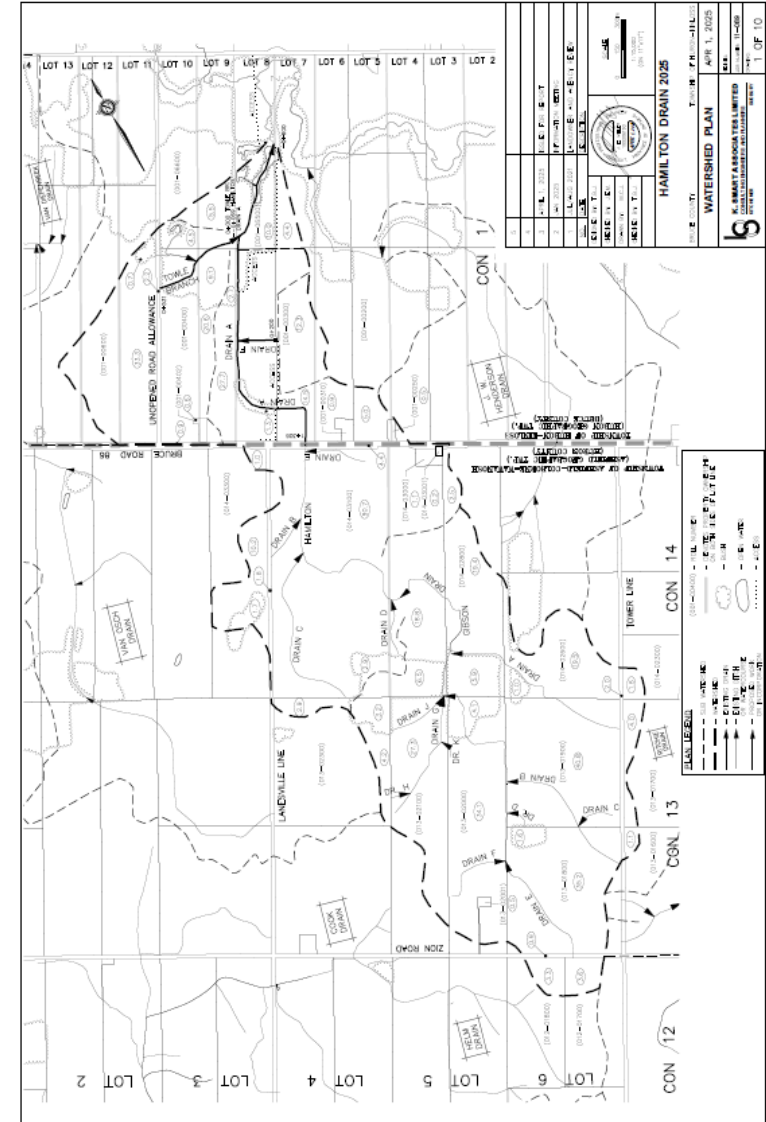
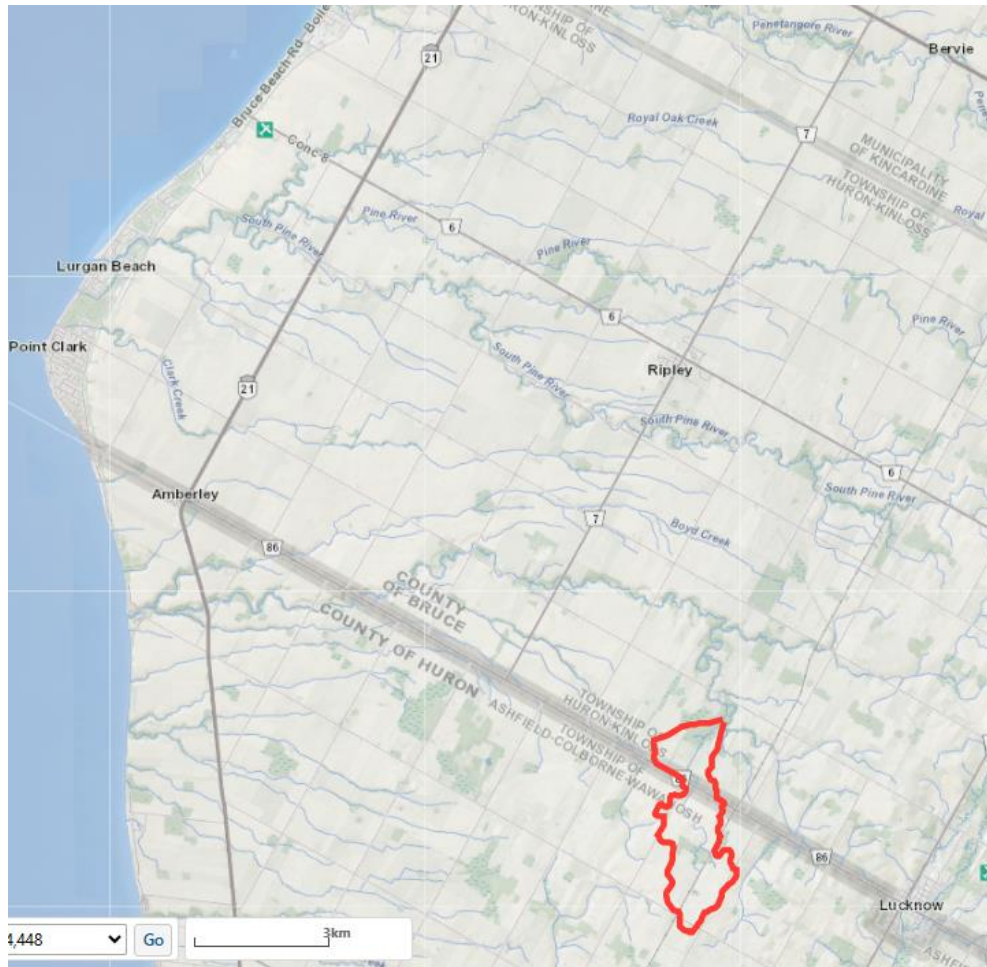
**K. SMART ASSOCIATES LIMITED**  
CONSULTING ENGINEERS & PLANNERS

85 McIntyre Drive  
Kitchener, ON N2R 1H6

# PRESENTATION OVERVIEW

1. **Background**
2. **Project impetus and process**
3. **Recommended work and estimated costs**
4. **Next Steps**
5. **Discussion**

# LOCATION OVERVIEW



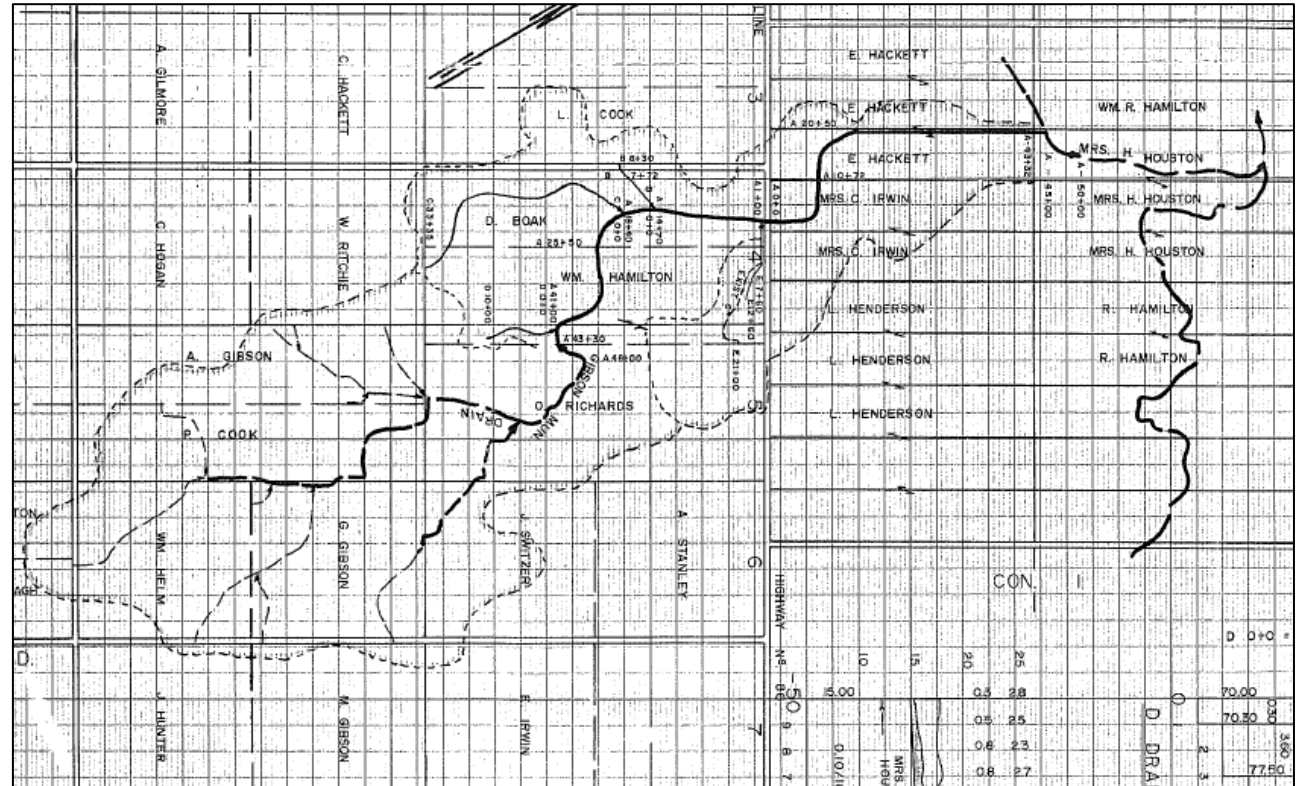


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	1966	
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## Hamilton Drainage Works

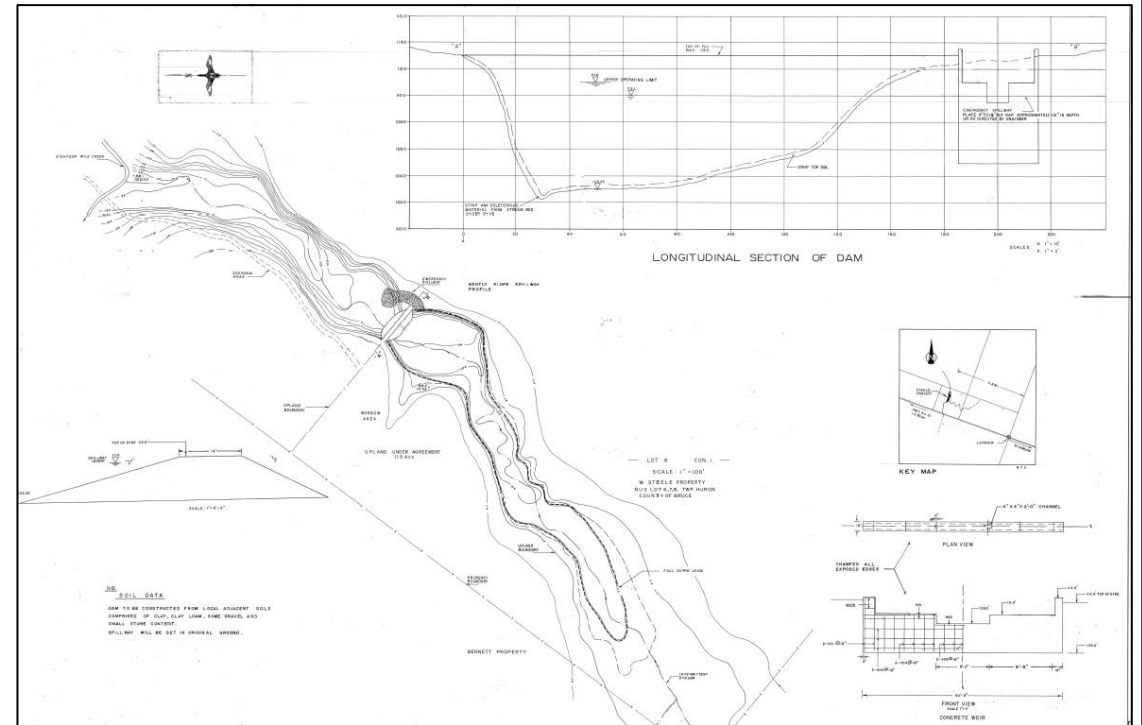
- E. H. Uderstadt, O. L. S.
- Constructed Drains A, B, C, D and E



# BACKGROUND

1979 - 1987

- **1979** Ducks Unlimited Project
  - Constructed wetland downstream of Drain A with control structure
  - Approved by Council and MNRF
- **1981 to 1987** – *Drainage Act* proceedings, including multiple reports, and tribunal appeals

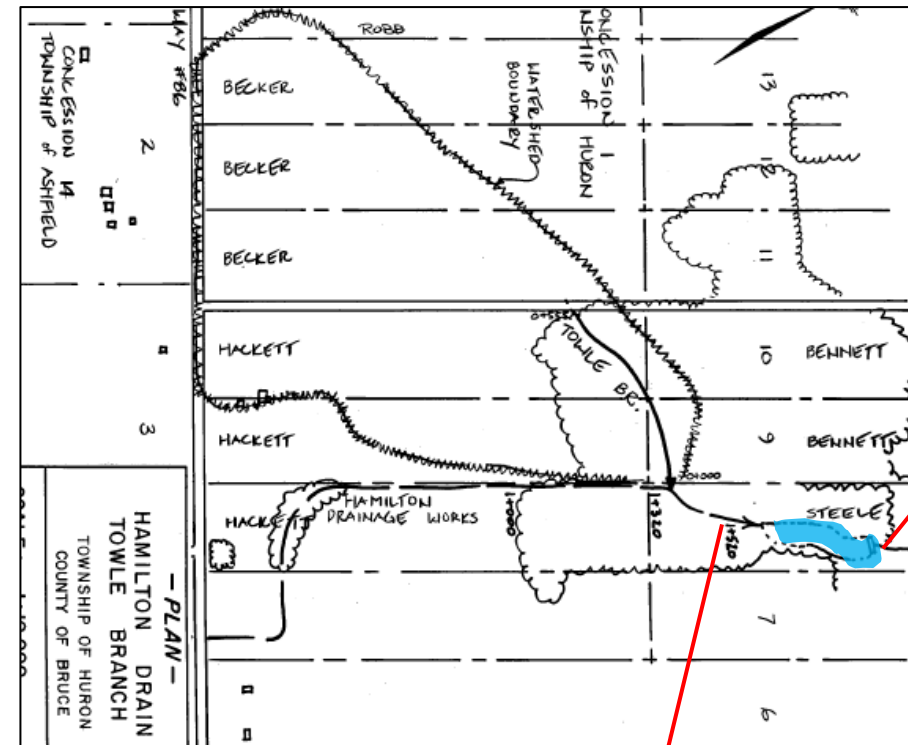


# BACKGROUND

1988

- **Hamilton Drainage Works Improvement**

- A. W. Clark, P. Eng.
- Improved Drain A profile per outlet structure modifications
- Added the Towle Branch ditch from SW to system

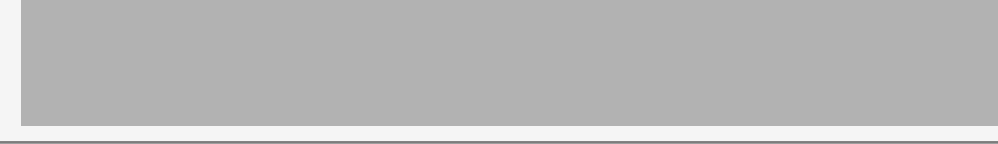


Wetland  
Outlet  
Structure

Downstream limit of Drain A

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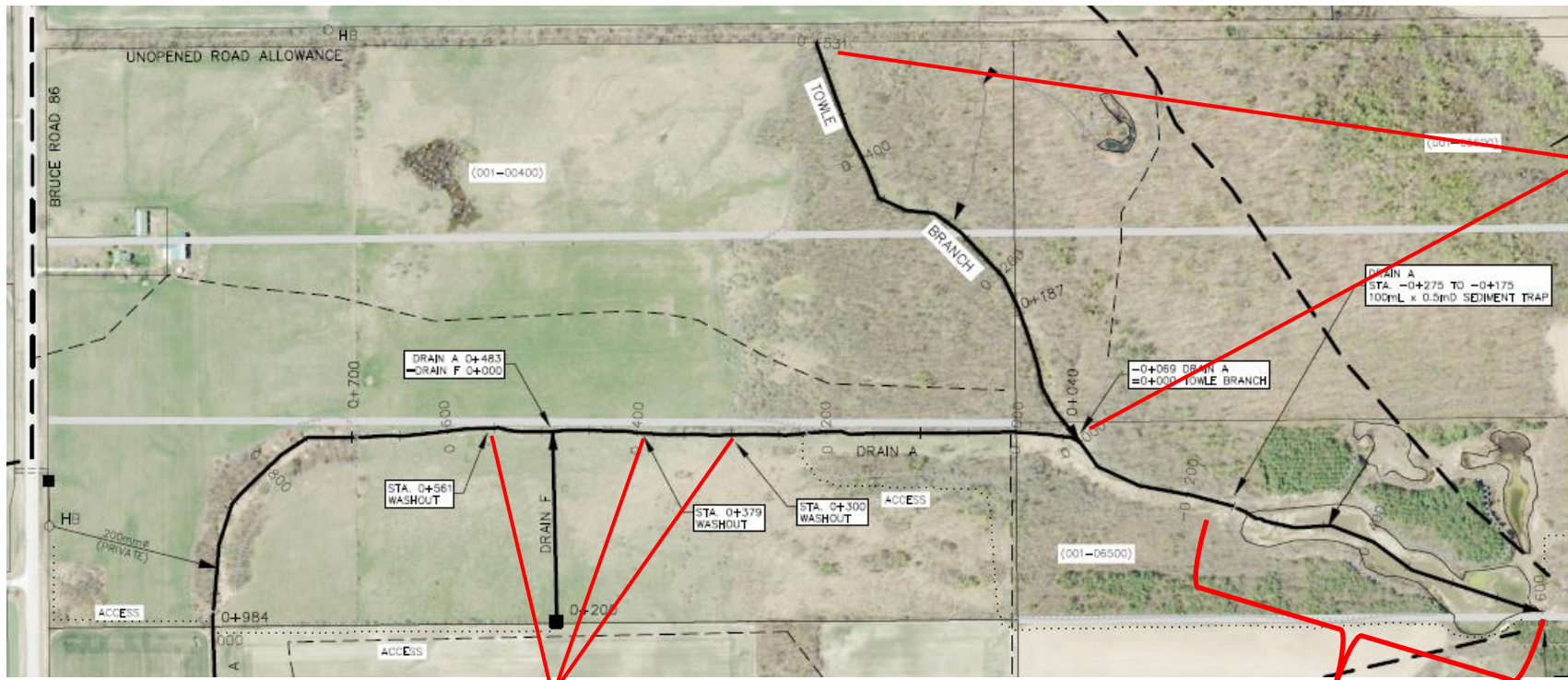
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# PROJECT IMPETUS

- Section 78 items for improvement (Roll 001-00400)



Towle Branch  
design grade

Bank Instability

No design grade or maintenance r/w



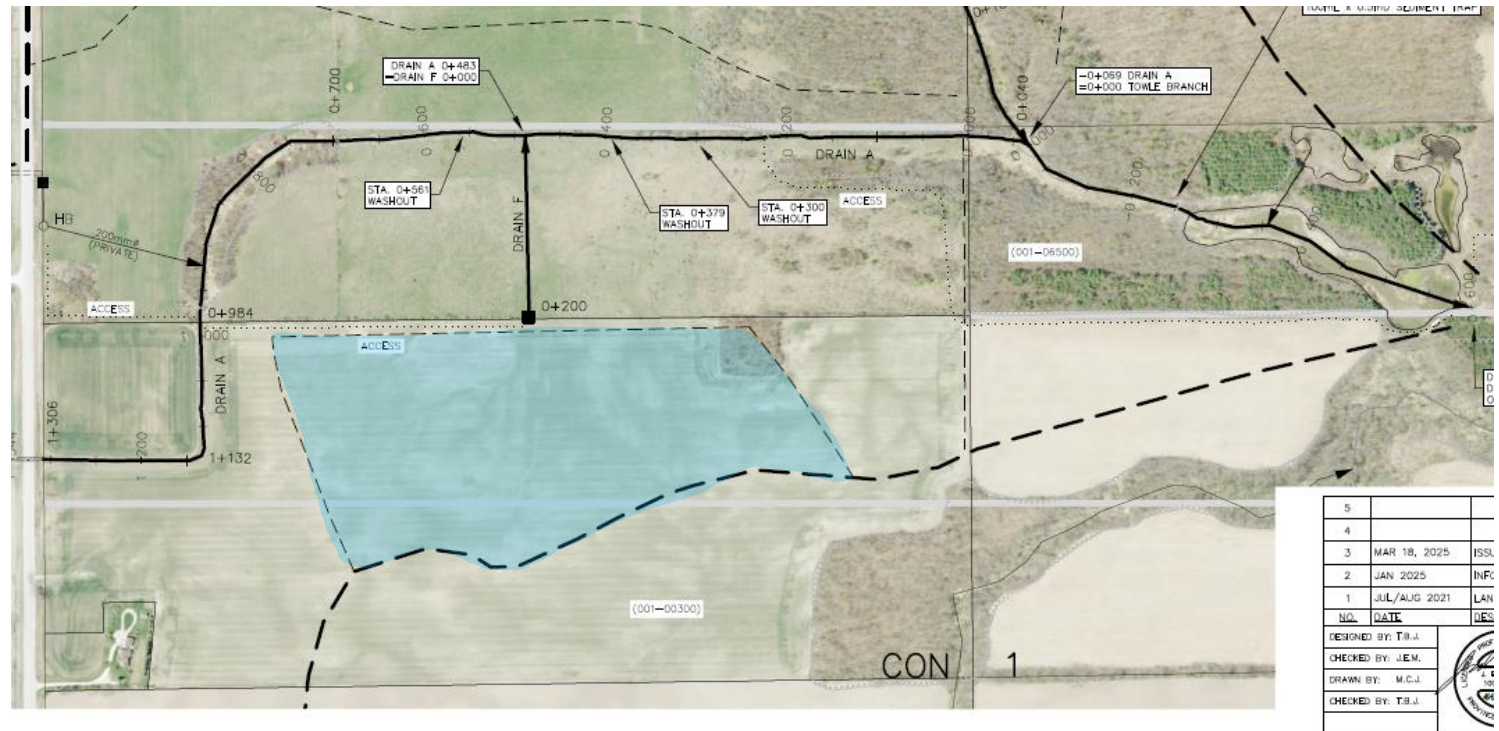
# PROJECT IMPETUS





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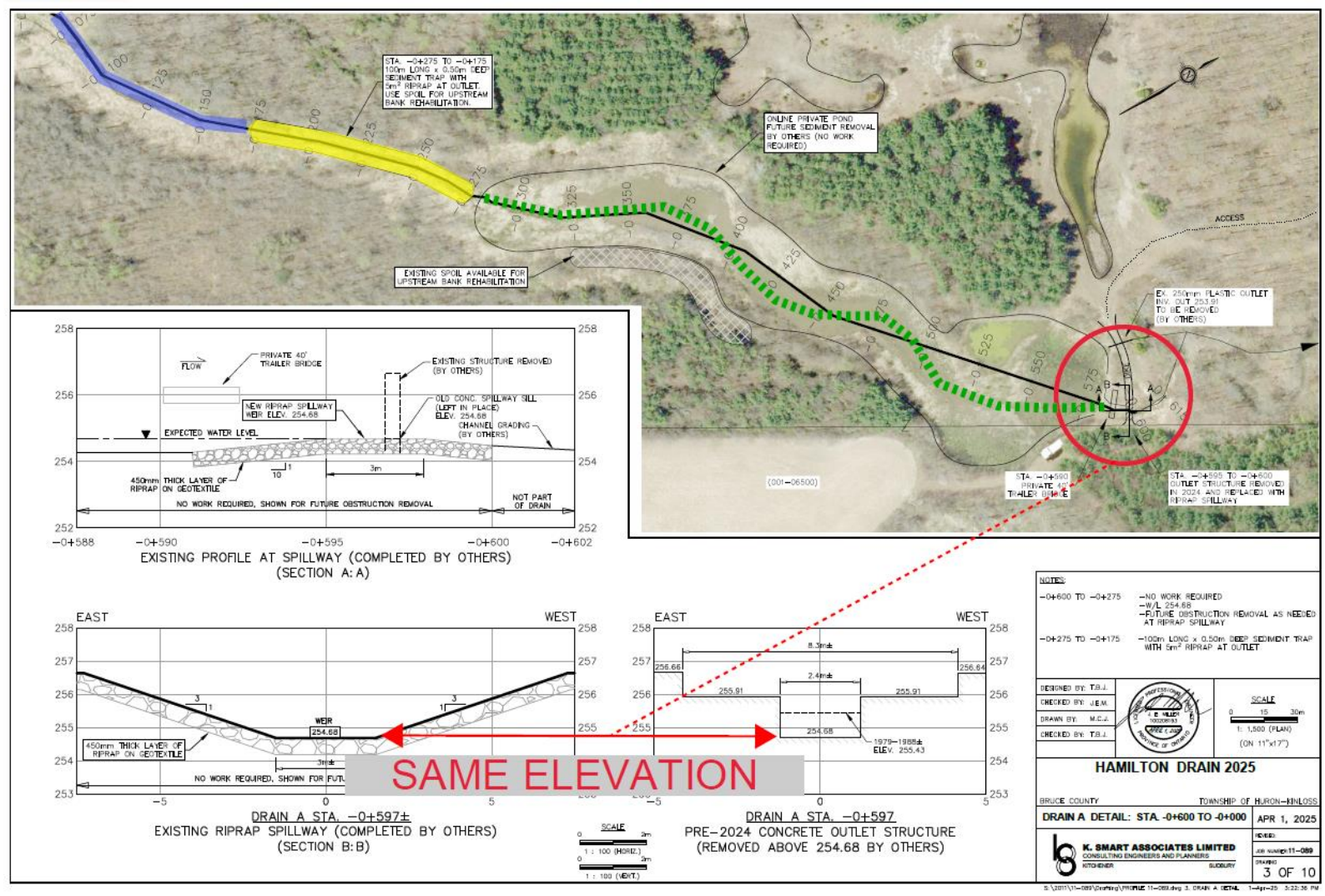
- **Section 4** petition
  - Roll 001-00300
  - Filed in 2013 to secure drainage outlet across neighbouring property into Drain A



# PROCESS OVERVIEW

- 2011-2012 – on-site meetings for Section 78 request
- 2013 – site review with watercourse restoration consultant
- 2014 – preliminary design
- 2018 – on-site meeting for Section 4 petition
- Late 2020 – information meeting for Section 4 petition
- 2021 – 2023 – site meetings, field work, design, cost estimates re.  
Drain A enclosure after Roll No. 001-00400 ownership change
- 2021 – 2023 - agency correspondence re. baseline work and  
enclosure option
- 2024 – meeting re. wetland rehabilitation & outlet structure elevation
- January 2025 – information meeting for watershed

# RECOMMENDATIONS



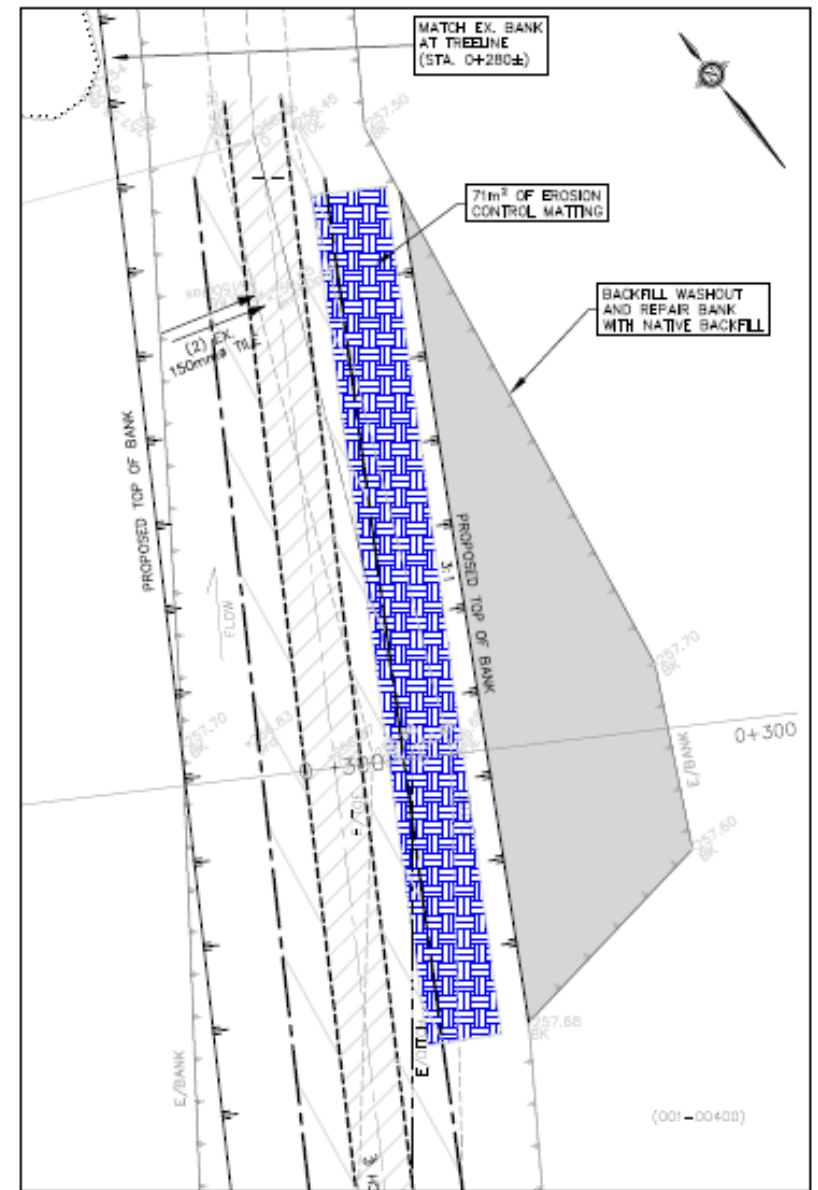
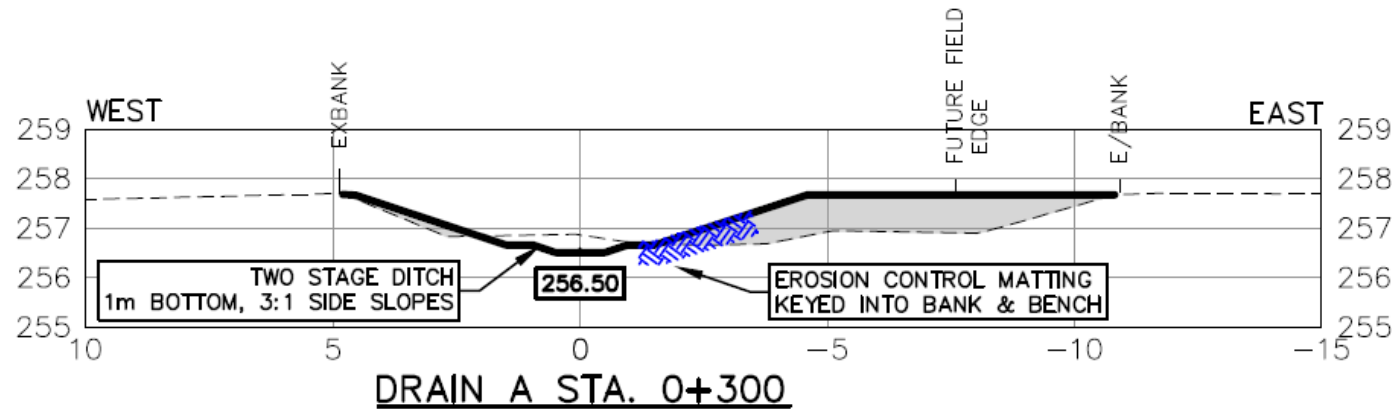




# RECOMMENDATIONS

- **Drain A**

- Typical section for bank repair at washout



(001-00428)

# ESTIMATED COST

Description	Amount
<b>Allowances</b> (S. 29 right-of-way, S. 30 damages, S. 31 incorporating existing works)	\$36,100
<b>Construction</b> (Upcoming tender, unbilled maintenance)	\$72,500
<b>Report Engineering</b> (Survey, design, report, assessment schedules, meetings)	\$49,300
<b>Construction Phase Services</b> (Tendering, contract administration/inspection, OMAF grant, final assessments)	\$25,700
<b>Miscellaneous Section 73 costs and Net HST</b> (Agency approvals and permits, <i>Drainage Act</i> process costs)	\$8,400
<b>TOTAL</b>	<b>\$192,000</b>

# NEXT STEPS

Event	Schedule
<b>Consideration of Report</b> by Council	Today
<b>Court of Revision</b> , 3 <sup>rd</sup> reading of bylaw	May/June 2025
<b>Tender</b>	July 2025
<b>Construction</b> (Timing per contractor schedules, no in-water work from March 15 to July 15 per DFO)	TBD
<b>Actual Cost Levy</b>	2026



# DISCUSSION



Joel Miller, P. Eng. Project Engineer, [jmiller@ksmart.ca](mailto:jmiller@ksmart.ca)