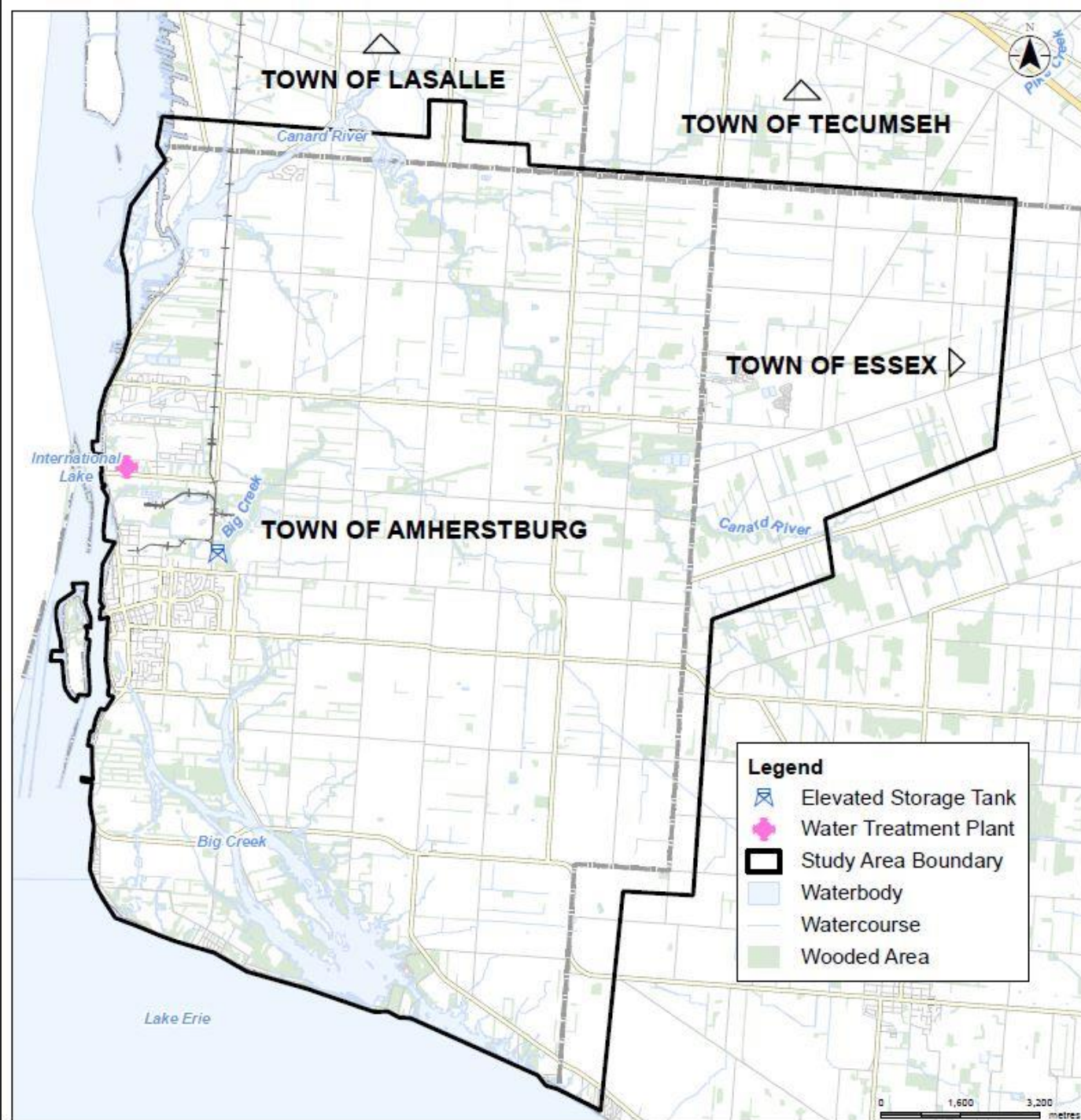


Town of Amherstburg

Water Master Plan Update & Environmental Assessment Summary





Agenda

1. History
2. Public Consultation
3. Recommendations
4. Schedule
5. Costing

History of Project

- 2019 Stantec retained to update the 2010 Water Master Plan
 - Environmental Assessment (EA) included
 - No projects are being completed as part of this EA
- 2010 Water Master Plan – Stantec Consulting Ltd.
 - Schedule B EA
 - New elevated storage tank

Public Consultation



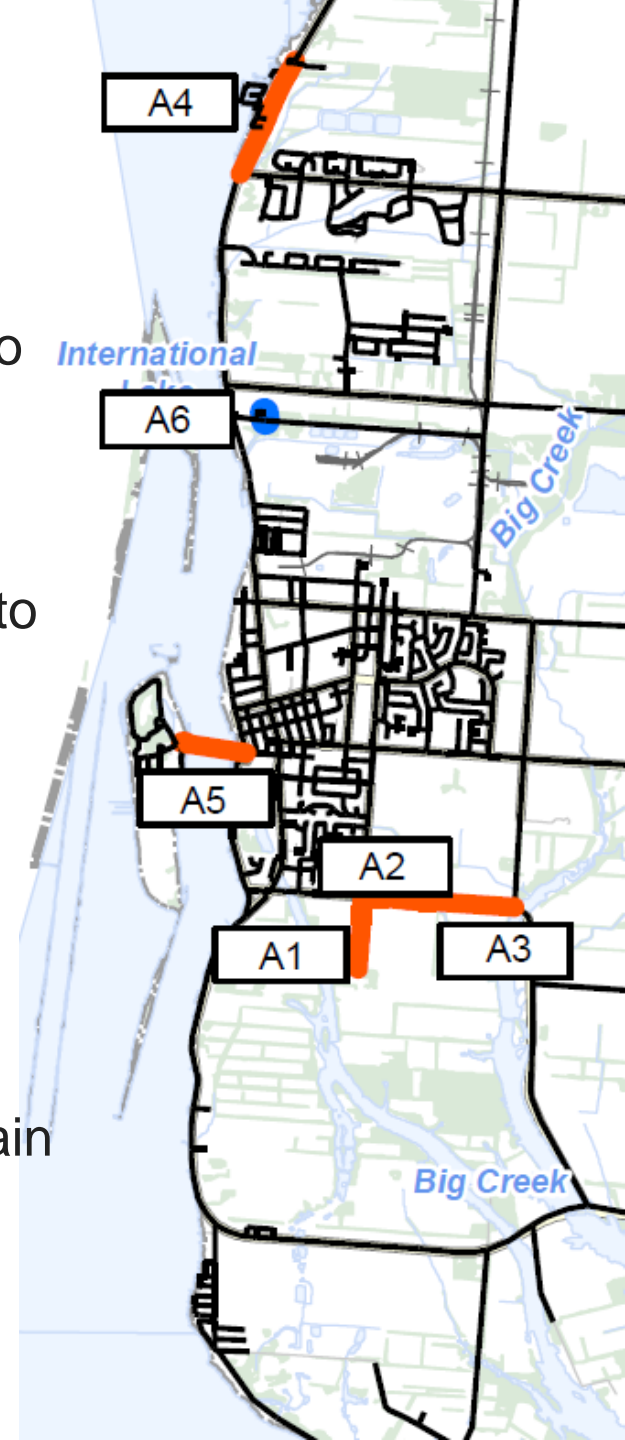
**TALK
THE
BURG**

- Public Consultation was held using an online format in lieu of in-person Public Information Sessions
- Stakeholders were kept informed via email
- All EA documents were sent to stakeholders and posted on the Town's website, the Town's existing online engagement platform "Talk the Burg, and the local newspaper(s) including:
 - Notice of Commencement (March 2020)
 - The WMP & EA Report (May 2020)
 - Notice of Completion (July 2020)
- A 30-day comment period was provided between each submission to the public/stakeholders (3 in total)
- Comments received were documented and addressed within the final submission of the report

Recommendations

Redundancy and Future Growth Recommendations

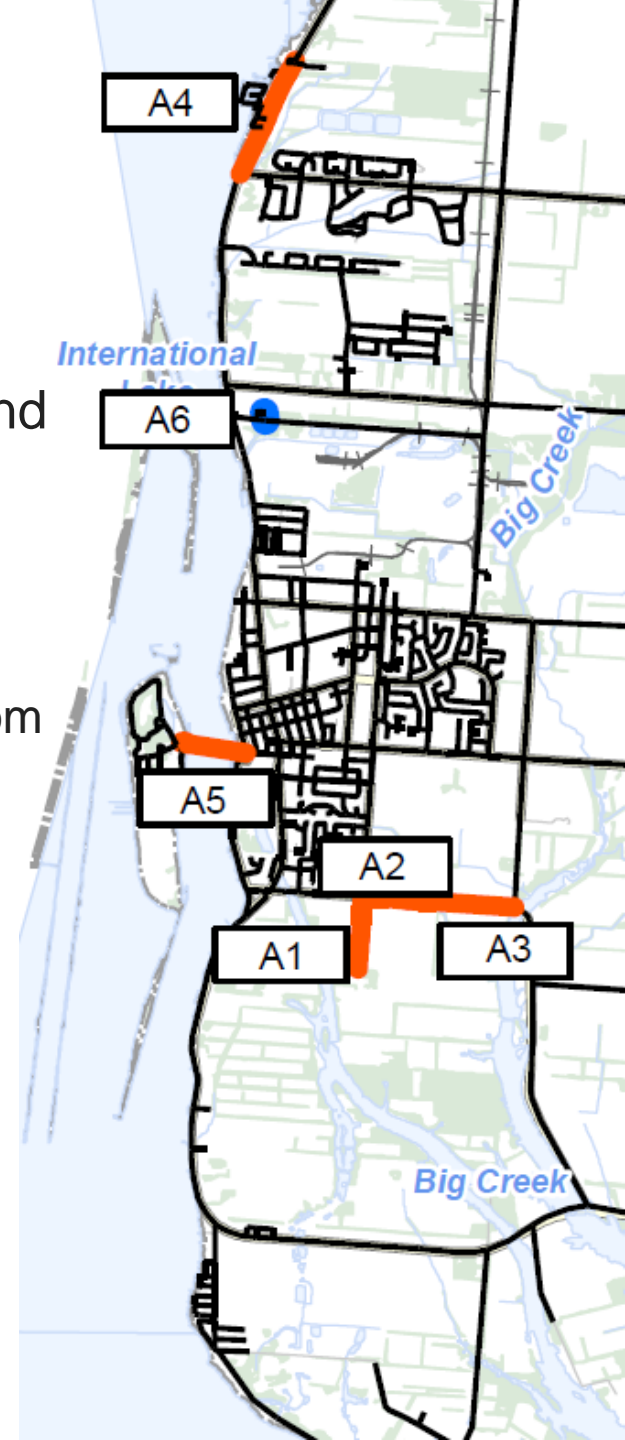
- A1: Upsize 640 m of 50 mm diameter watermain to 300 mm along Concession Rd 2 S
EA Schedule A+.
- A2 : Upsize 580 m of 50 mm diameter watermain to 300 mm along Lowes Side Rd
EA Schedule A+.
- A3 : Construct 730 m of 300 mm diameter watermain along Lowes Side Rd
EA Schedule A+.
- A4 : Upsize 1,200 m of 150 mm diameter watermain to 300 mm along Front St
EA Schedule A+.



Redundancy and Future Growth Recommendations

- A5 : Construct 575 m of 300 mm diameter watermain from the intersection of Dalhousie St and Park St to Boblo (Bois Blanc) Island to twin the existing single feed
EA Schedule B or C, to be confirmed if/when project proceeds.
- A6 : Construct 70 m of 600 mm diameter watermain from the WTP as a secondary discharge pipe.

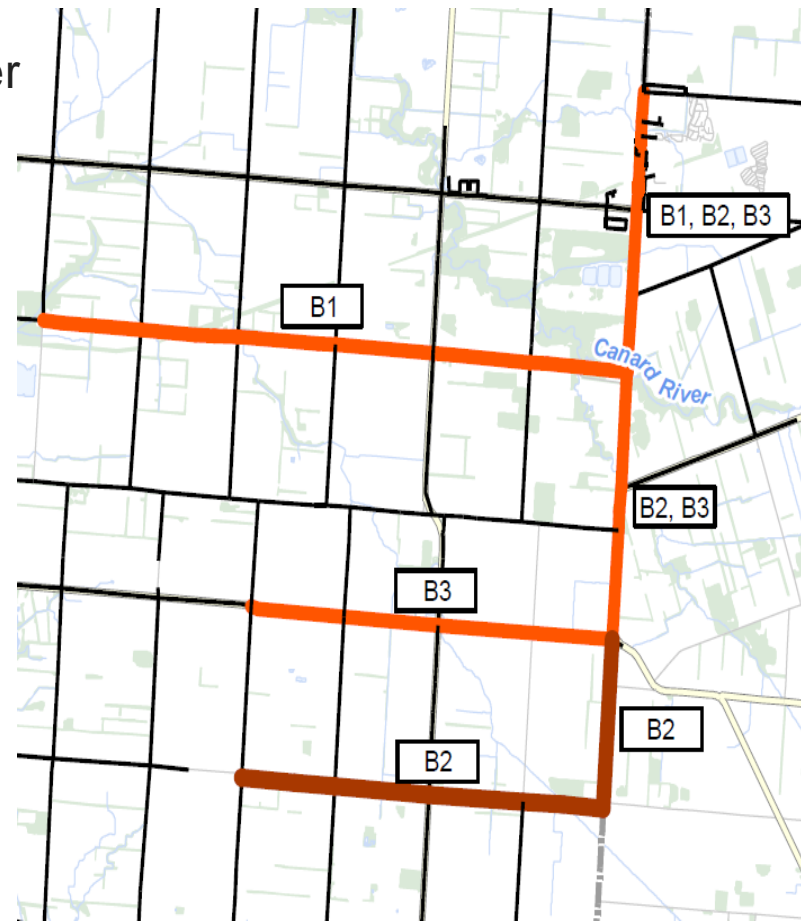
EA Schedule A+.



Recommendations to Improve Service to Eastern Rural Regions of the System

- B1* : Construct 8,450 m of 400 mm diameter watermain along Texas Rd (between 3rd Concession N and Walker Rd), plus an additional 3,100 m of 300 mm diameter watermain north along Walker Rd
- B2* : Construct 7,100 m of 300 mm diameter watermain along South Side Rd (between 6th Concession S and Smith Side Rd) and north along Smith Side Rd to Alma St, plus an additional 6,000 m of 300 mm diameter watermain north along Walker Rd
- B3* : Replace the existing small diameter watermain with 11,400 m of 300 mm diameter watermain along Pike Rd (from 6th Concession S) and north along Walker Rd

*B1 - B3 fall under EA Schedule A or B, to be confirmed if/when project proceeds.



Schedule & Class D Opinion of Probable Cost

Schedule for Recommended Improvements

- A1 to A4 : dependent on the development of the approved and pending approval developments
- A5 and A6 : dependent on the Town's decision to improve the reliability and redundancy of service provided to the residents of Boblo Island and to the network as a whole
- B1 to B3 : dependent on the Town of Amherstburg's decision to improve the level of service to the elevated areas of the water distribution system

Decisions to proceed have not yet been made on any of the recommended improvements.

Class D Opinion of Probable Cost for Recommended Improvements

Proposed Upgrade	General Location	Total 2020 Cost (\$)
Proposed Watermain Upgrades to Improve Redundancy & Satisfy Future Growth		
A1	Concession Rd 2 S (south of Lowes Side Rd)	\$384,000
A2	Lowes Side Rd (east of Fryer St)	\$348,000
A3	Lowes Side Rd (to Meloche Rd)	\$438,000
A4	Front St (north of Middle Side Rd)	\$720,000
A5	Dalhousie St / Park St to Boblo Island	\$862,500
A6	WTP Discharge Pipe	\$84,000
Total		\$2,752,500
Proposed Watermain Upgrades to Improve Service to Essex		
B1	Texas Rd (between Concession 3 N and Walker Rd) + Walker Rd (north of Concession 3 N)	\$6,760,000
B2	South Side Rd (between Concession 6 S and E Malden Rd) + Walker Rd	\$4,260,000
B3	Pike Rd (from Concession 6 S) + north along Walker Rd (to Concession 12 Essex)	\$6,840,000

Opinion of Probable Cost accuracy ranges from -30% to +50%