



**THE MUNICIPALITY OF LAMBTON SHORES  
MUNICIPAL COUNCIL**

**LAWSS CAPITAL PROGRAM  
JOINT APPLICATION FOR FUNDING  
March 15, 2022**

## LAWSS Strategy in 2022:

### Step #1-

Determine level of Municipal Support for Joint Funding Application for LAWSS Projects.

### Step #2-

Determine Municipal Member's tolerance for utilizing debt to achieve LAWSS Capital Program.  
(based on Step #1)

### Step #3-

Develop updated water rate forecast for LAWSS over 20-year planning horizon.  
(based on Step #1 & #2)

## Step 1: Determine level of Municipal support for Joint Funding Application for LAWSS Projects

*LAWSS requests support from the Municipality of Lambton Shores Municipal Council for a Joint Funding Application and commitment to its portion (approximately 2%) of 1/3 of \$135 million over the next twenty years for LAWSS Capital Projects.*

### Why is it recommended?

- LAWSS projects are important to Lambton County from an economic development, water reliability and security perspective.

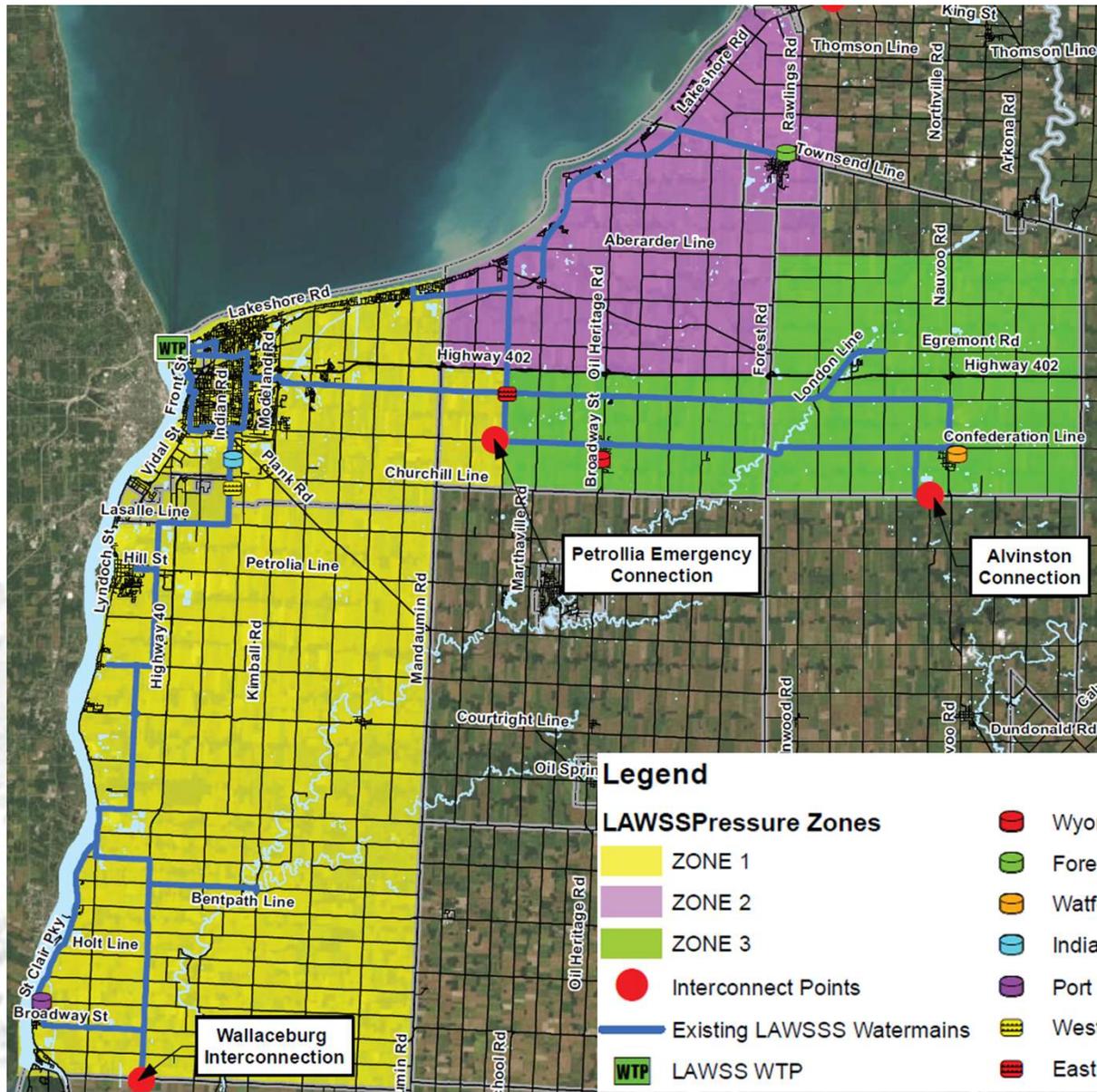
### Why 1/3 ?

- Typically, federal and provincial monies will target 2/3 funding. If approved, LAWSS staff will proceed with a Joint Application for funding immediately.

### Why 2% ?

- The Municipality of Lambton Shores uses  $\approx 2\%$  of water treated by LAWSS and therefore pays for  $\approx 2\%$  of the overall LAWSS Budget.





**Legend**

**LAWSS Pressure Zones**

- ZONE 1
- ZONE 2
- ZONE 3

- Interconnect Points
- Existing LAWSS Watermains
- WTP

- Wyoming Standpipe
- Forest Standpipe
- Watford Standpipe
- Indian Road Tower
- Port Lambton Standpipe
- West Lambton Pumping Station
- East Lambton Reservoir and Pumping Station



### Legend

 Major Facility

 Watermain Size or Material Transition

#### LAWSS Watermain

 Asbestos Cement

 Abandoned

 Cast Iron

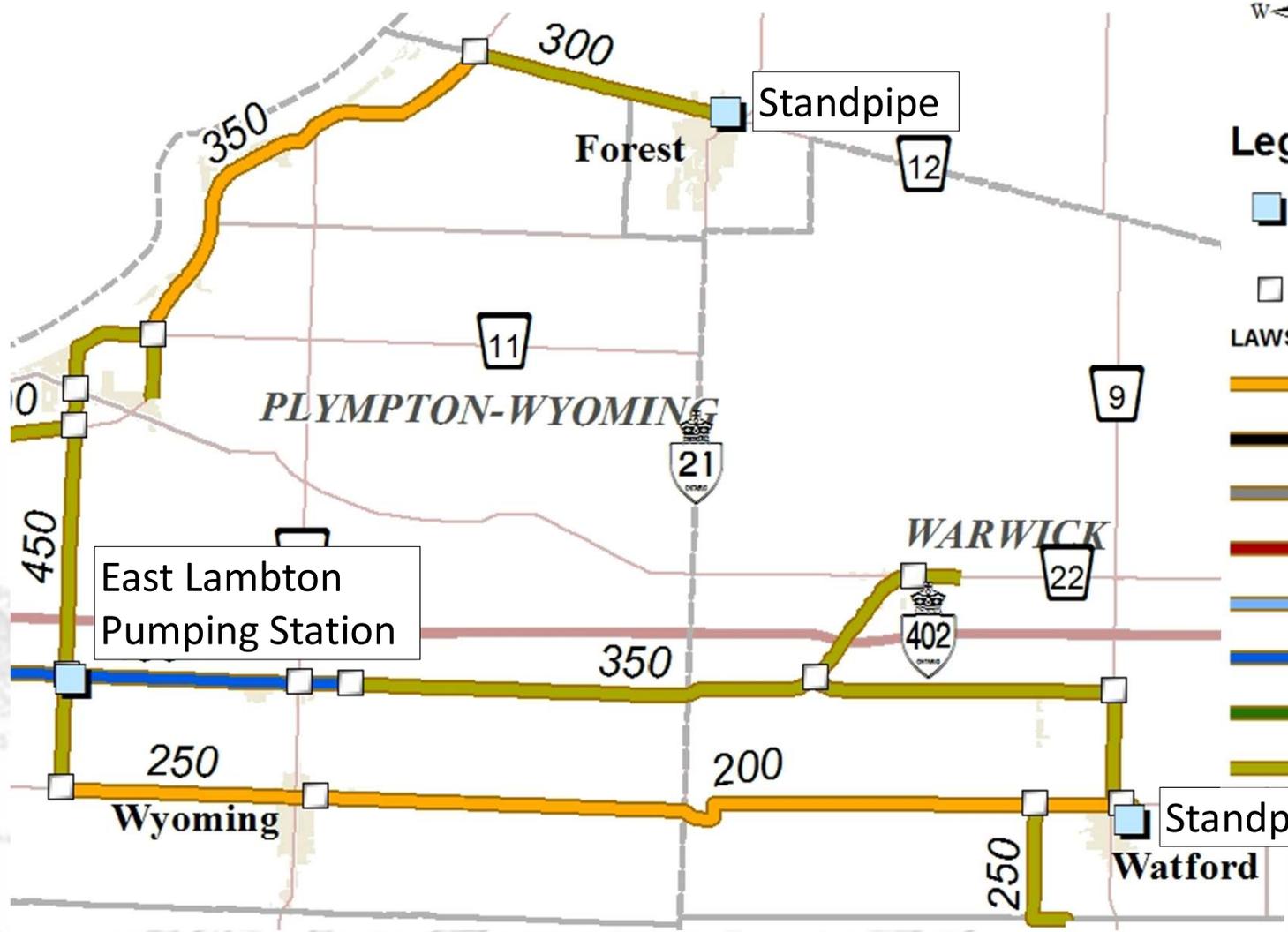
 Concrete Pressure Pipe

 Ductile Iron

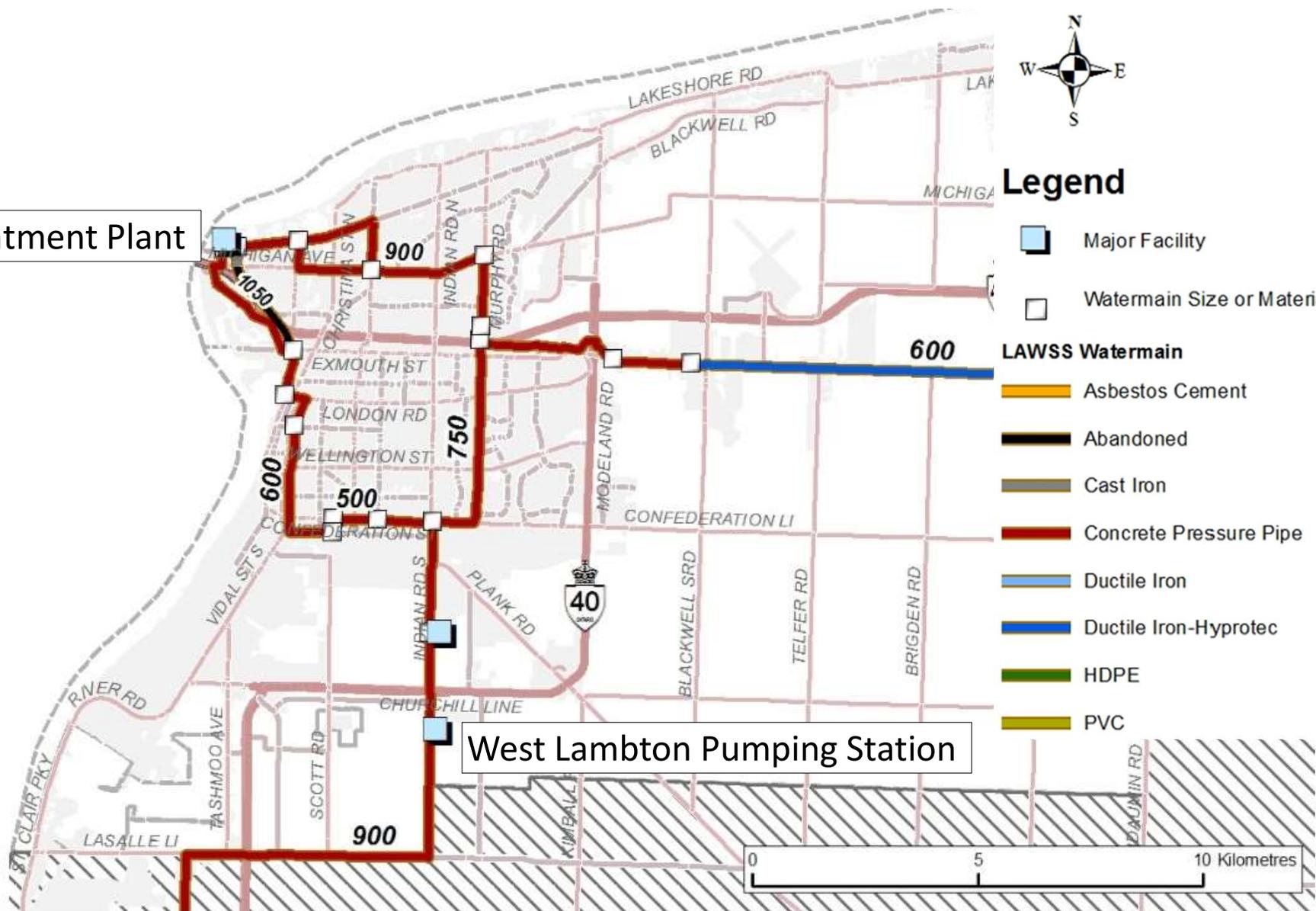
 Ductile Iron-Hyprotec

 HDPE

 PVC



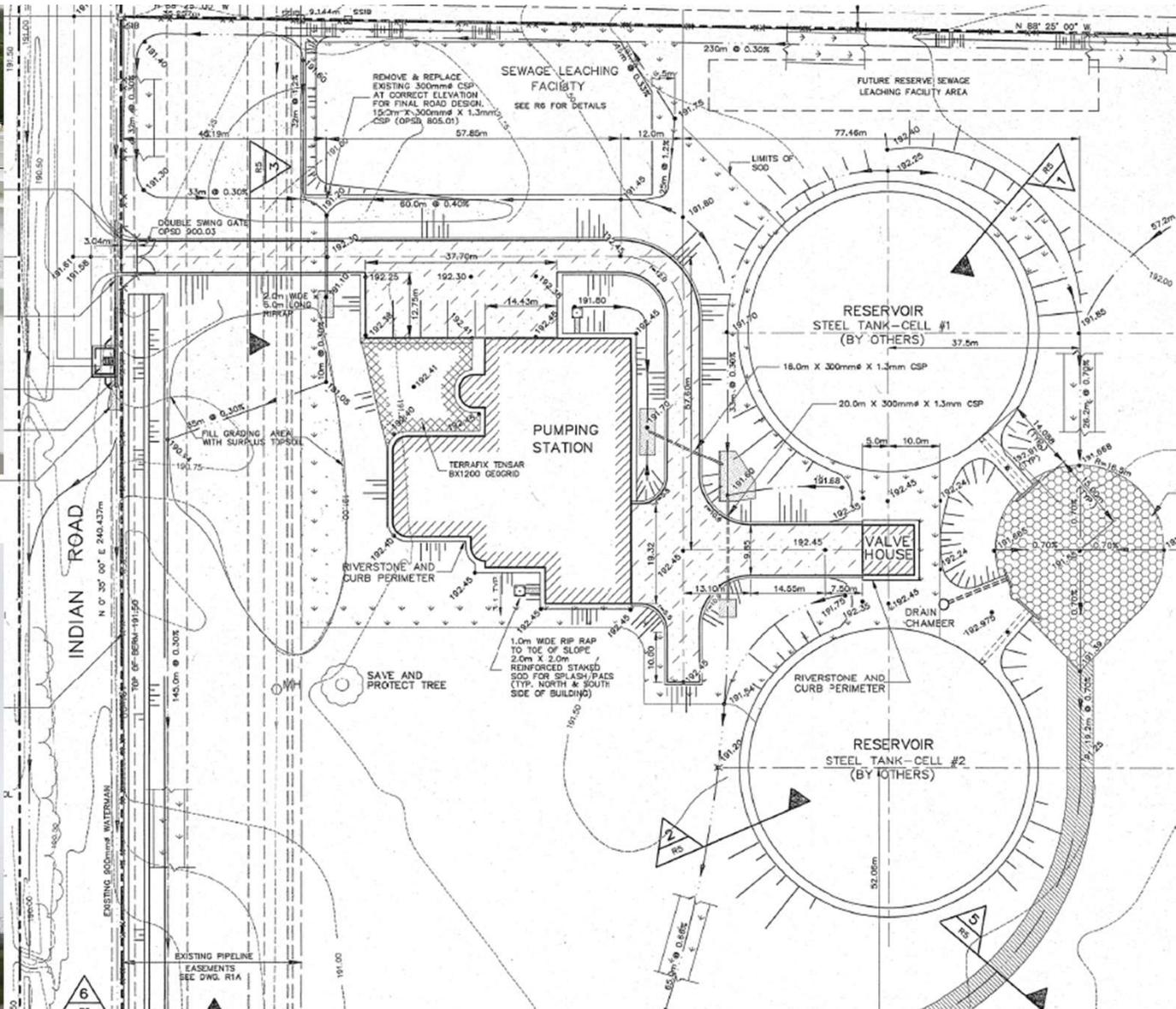
Water Treatment Plant



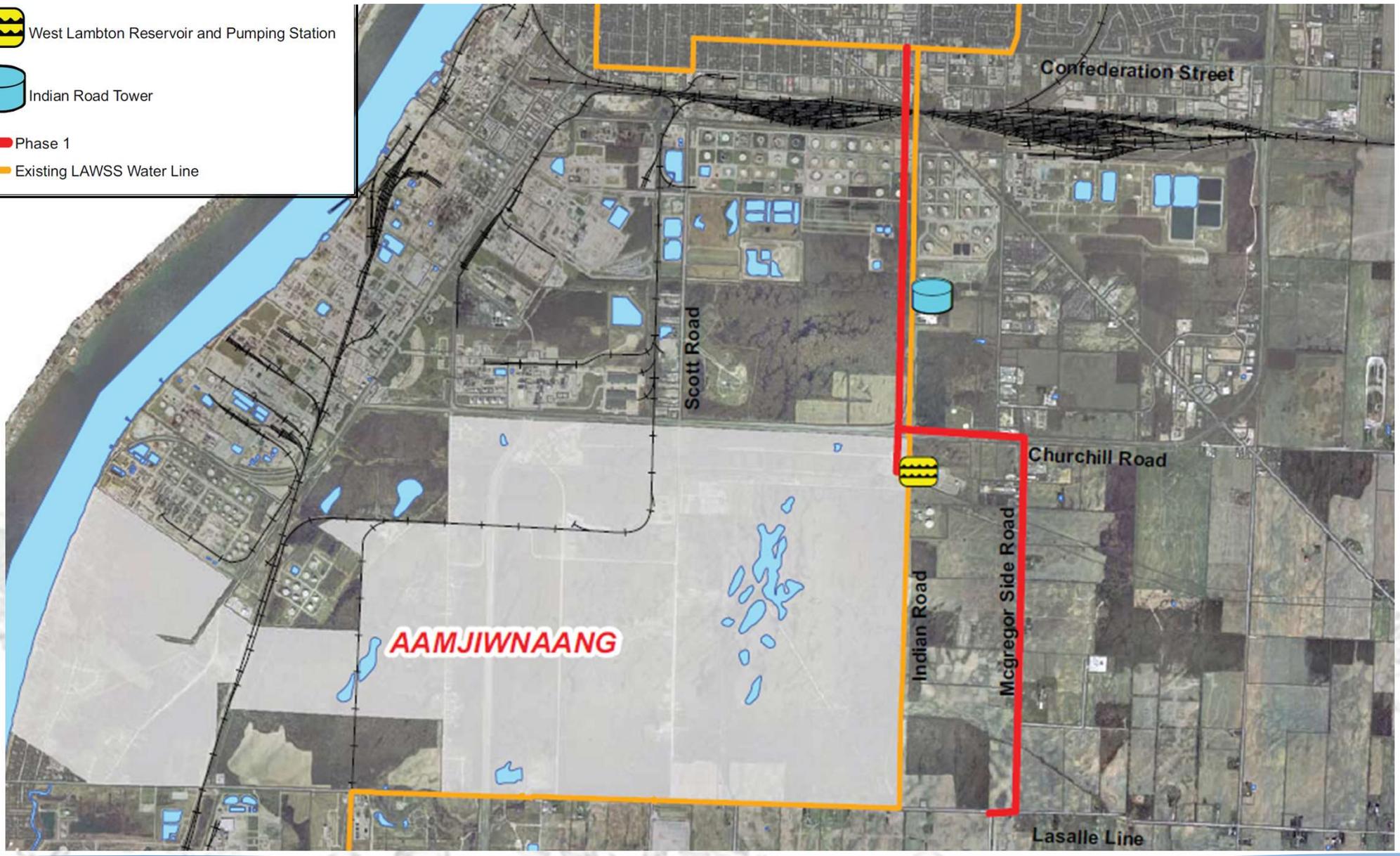
West Lambton Pumping Station

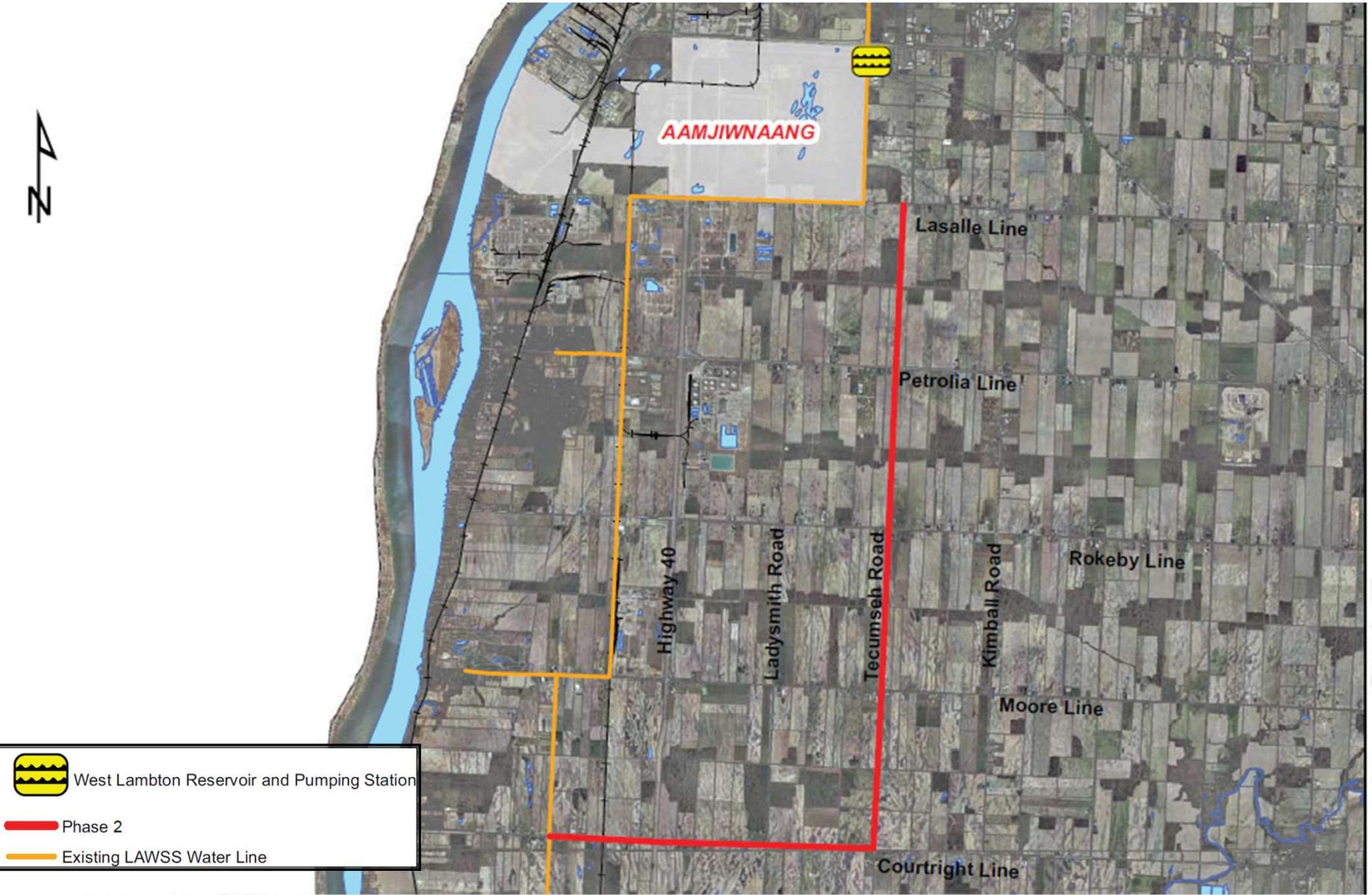
## Target of Joint Application for Funding (\$135 million).

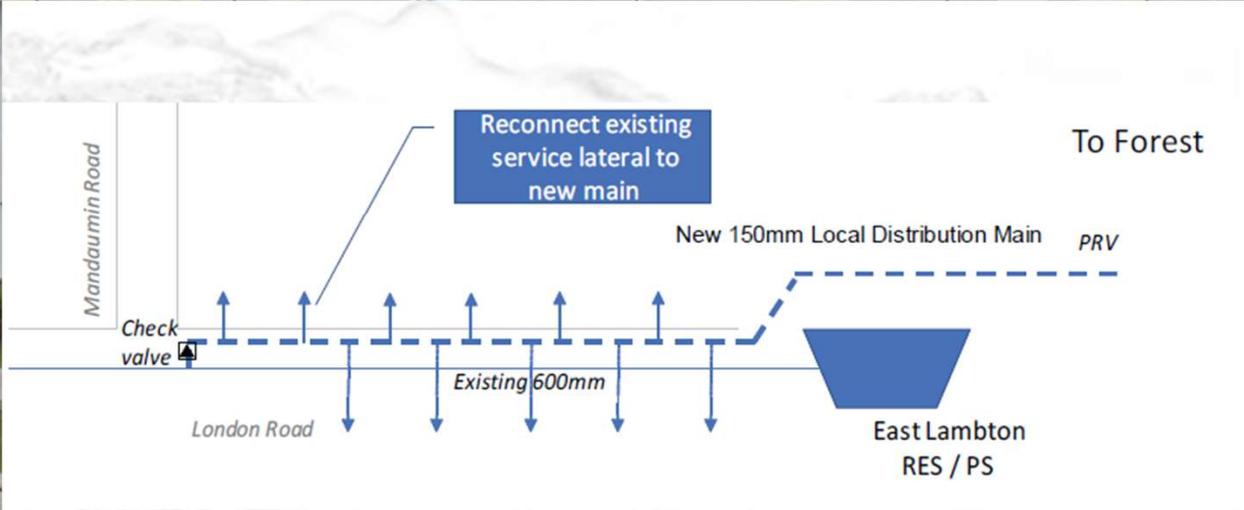
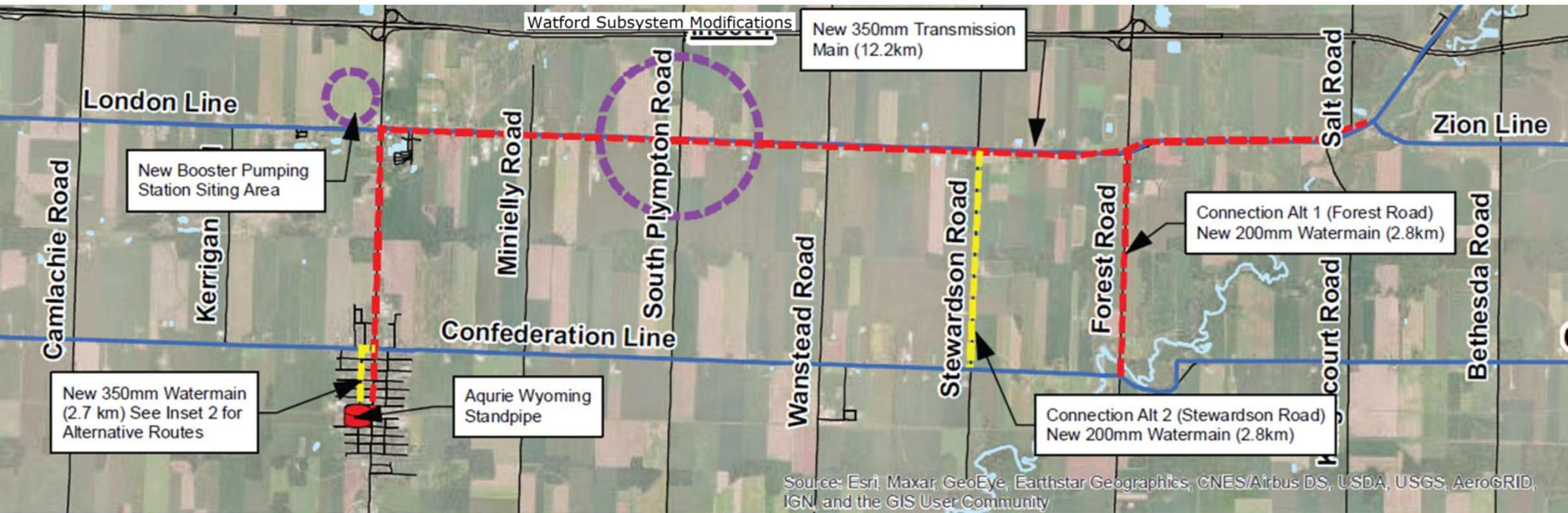
- Critical pipeline redundancy and resiliency initiatives (\$75 million).
  - *Twinning between Confederation Road and West Lambton Pumping Station.*
  - *Grid Reinforcement south of West Lambton Pumping Station.*
- Capacity improvement supporting region-wide growth (\$45 million).
  - *East Lambton Booster Station fill constraints.*
  - *West Lambton Pumping Station fill constraints.*
  - *Watford Standpipe fill constraints.*
- Critical infrastructure renewal (\$15 million)
  - *West Lambton Pumping Station Reservoir Renewal.*



-  West Lambton Reservoir and Pumping Station
-  Indian Road Tower
-  Phase 1
-  Existing LAWSS Water Line







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**THANK YOU**