



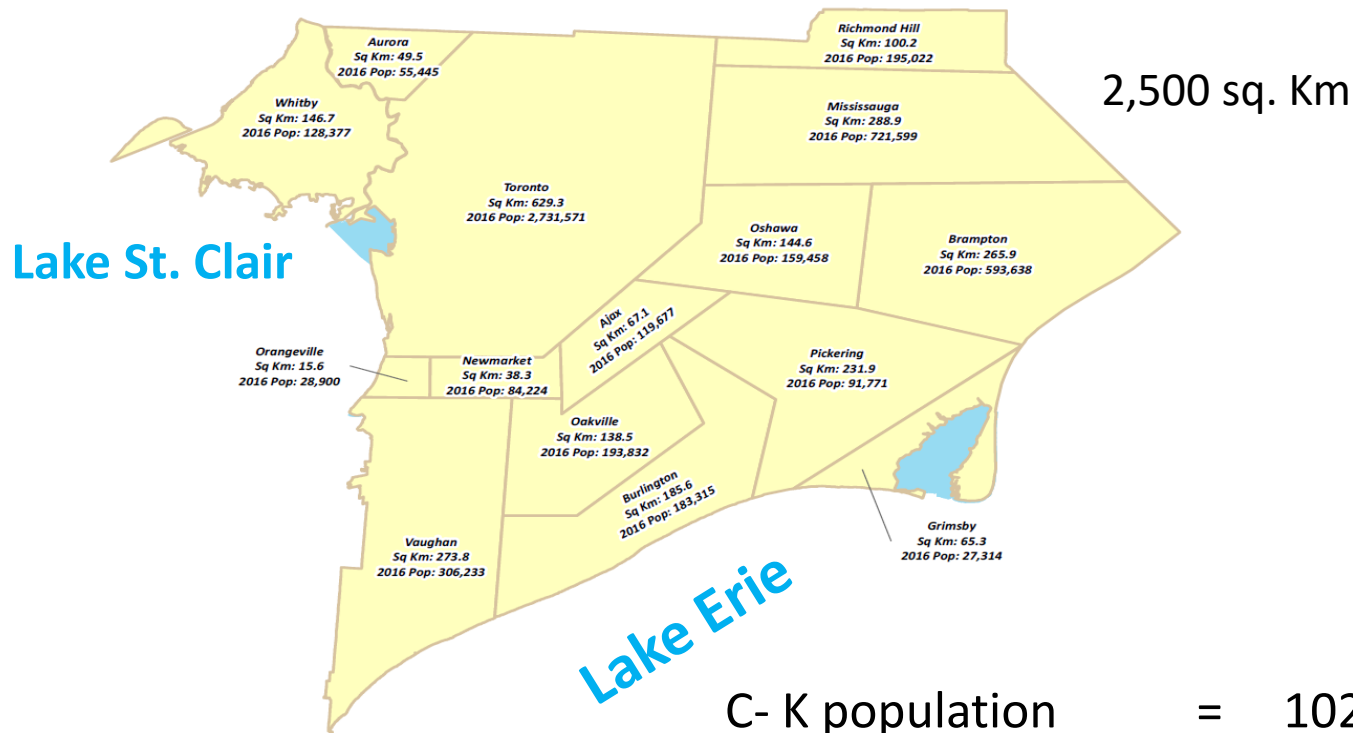
Presentation to Standing Committee on Finance and Economic Affairs

Study of the recommendations relating to the Economic
and Fiscal Update Act, 2020 and the impacts of the
COVID-19 crisis on certain sectors of the economy

Thomas Kelly, P. Eng., MBA
General Manager, Infrastructure & Engineering Services
Chatham-Kent
August 4, 2020
3:00 p.m.

Chatham-Kent Challenges

- Large area, low population density, surrounded by water on two sides.



C- K population = 102,000 (1.8%)
Population shown = 5,600,000

COVID Financial Impact to Chatham-Kent

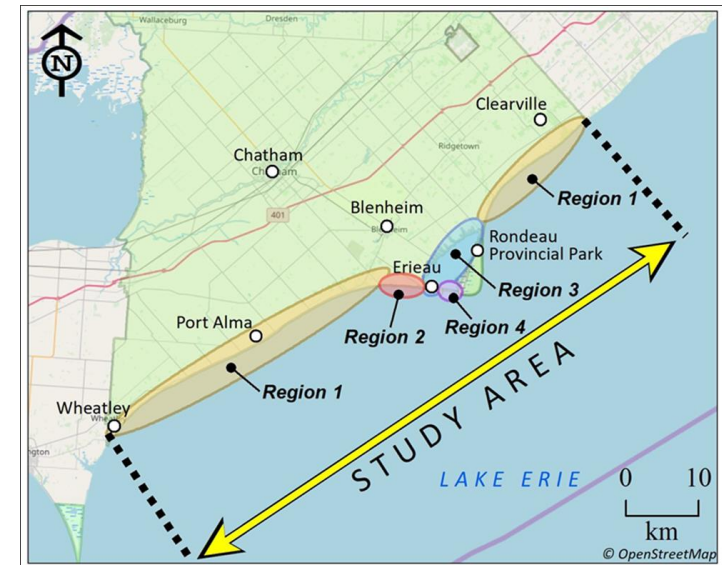
- Municipality revenue losses estimated to be between \$3.3M to \$5.0M
 - Coupled with an infrastructure funding deficit of \$50M.
 - 1% taxes (\$1.6M) increased per year to support infrastructure
 - Significant future funding challenges
- Covid impact to local businesses
 - Formation of a publically led “Chatham-Kent Economic Recovery Task Force”
 - A message of “Survival.”
- It is recommended that all required infrastructure projects proceed.
 - Stimulate the economy via investment in infrastructure and green energy projects

Key Chatham-Kent Local Infrastructure Projects

1. Infrastructure damage caused by Lake Erie erosion and flooding (climate change)
 - Rose Beach Line
 - Erie Shore Drive
 - Talbot Trail (formally #3 Provincial Highway)
2. Green Energy Investment
 - Upgrade to Civic Centre (Main Municipal Office circa 1977)
3. Public Works building upgrade to facilitate 253 new jobs in Chatham-Kent
4. Fibre installation to rural Chatham-Kent

Lake Erie: Erosion and Flooding

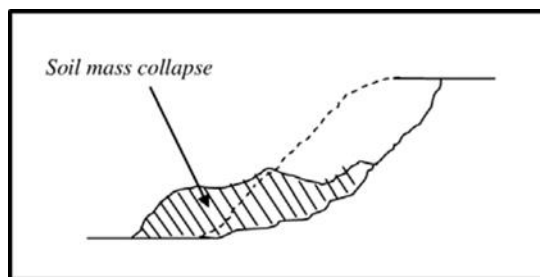
- Lake Erie Integrated Shoreline Management Plan in place
 - 2017 - Council endorses study to address the effects of climate change, flooding and erosion
 - 2019 - 11 public consultation meetings held
 - 2020 – Council endorses go-forward plan; significant gap exists in financial support from homeowners and tax base–
- 3 Road Closures due to Erosion
- 4 State of Emergencies called due to Flooding since 2018
 - 2 related to the Thames River (feeding Lake St. Clair)
 - 2 related to Erie Shore Drive (located on Lake Erie shoreline)



Rose Beach Line - \$20M



January 16, 2020 February 26, 2020



At Risk

- A section of Rose Beach Line is closed between Antrim Road and Hill Street.
- Limited access to properties

Recommendations (EA)

- Decommissioning road, moving residents, developing a new road



Erie Shore Drive - \$50M



At risk

- 141 primary and secondary buildings
- Agricultural flooding (1,600 acres)
- Loss of emergency access to the Village of Erieau

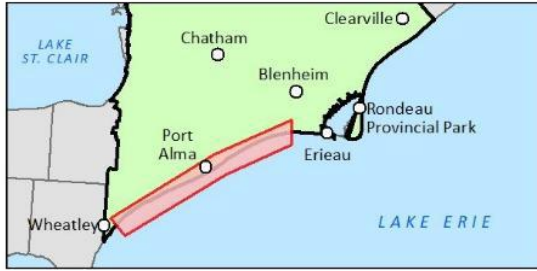


Recommendations (Engineering Study)

- Implement community-scale shore protection and dike upgrades.
- Use the Drainage Act to allocate costs.

Talbot Trail - \$96.6M

High Bluffs East of Wheatley PP to Erie Beach – former Provincial Highway

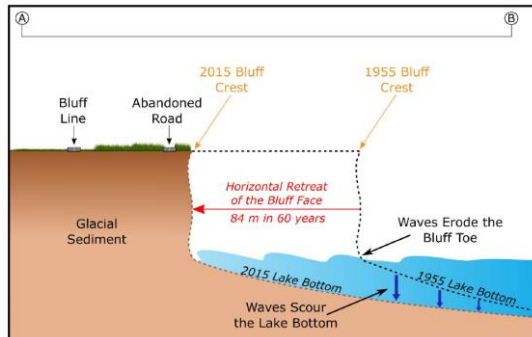


Currently at Risk

- 439 primary and secondary buildings, with an assessed value of \$59.7M
- 30 km of Talbot Trail

Recommendations (EA)

- Re-align approximately 30 km of the Talbot Trail inland
- Re-locate buildings as required when threatened by erosion
- Re-evaluate existing land-use policies, zoning regulations, and building standards along the eroding bluffs to avoid future challenges with development and erosion hazards



Upgrade to Municipal Civic Centre - \$18M

Building constructed in 1977 and is in need of significant upgrade to ensure continued operations.

Deficiencies include:

- Accessibility and age friendliness
- Public and staff security; life safety
- Core systems and internal components at the end of useful life
- Inefficient floor space utilization
- Poor energy efficiency
- Designated substances
- Substandard accommodations



Municipal Public Works (PW) Garage - \$4M

- The building was originally part of an automotive parts manufacturing facility.
- Used by PW since 1997 for vehicle storage, vehicle maintenance and a wash bay.
- The site is poorly designed for PW operations with regular safety and maintenance issues.
- Opportunity exists to create **253** new jobs as a manufacturing company wishes to transfer work from the U.S. and expand current Canadian operations.
 - PW garage purchase required
 - Alternative locations are not available
 - Issue – Cost of a new build significantly exceeds the purchase price of the existing factory.

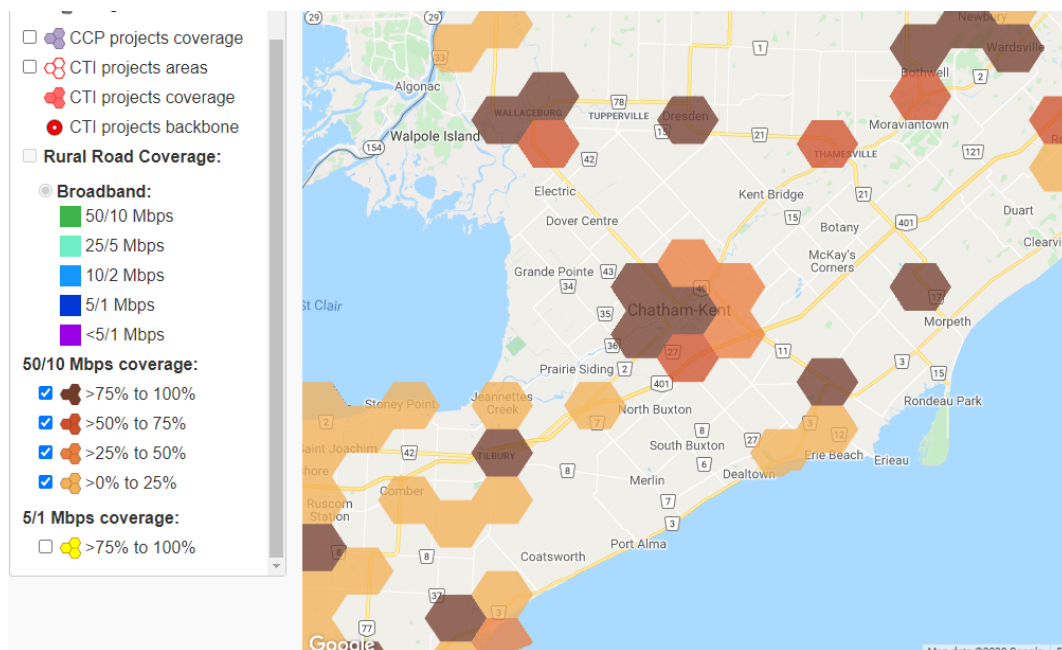


Rural Fibre Installation - \$100M+

- The majority of the community lacks high speed internet capabilities required for today's needs.

Deficiencies include:

- Limited access as indicated on map
- Lack of Backbone network
- Lack of residential fibre to the home
- Inability to attract new development in underserviced areas
- Minimal access for youth for online education





Thank You!