Kingsville Comprehensive Transportation Master Plan

Council Presentation Tuesday, February 22, 2022



Agenda – Progress Update on the Comprehensive Transportation Master Plan

- 1. Background and purpose of the plan and timeline
- 2. CTMP objective and process
- 3. Who have we engaged and what have we heard?
- 4. Draft recommendations for walking, cycling, and the road network
- 5. What's next for the CTMP

What is a CTMP?

A Comprehensive Transportation Master Plan (CTMP) is...



- A multi-modal (walking, cycling, transit, cars, trucks) plan
- A long-range plan for existing and future land uses
- A living document that aligns with policies and other planning initiatives
- A long-term vision and community building asset

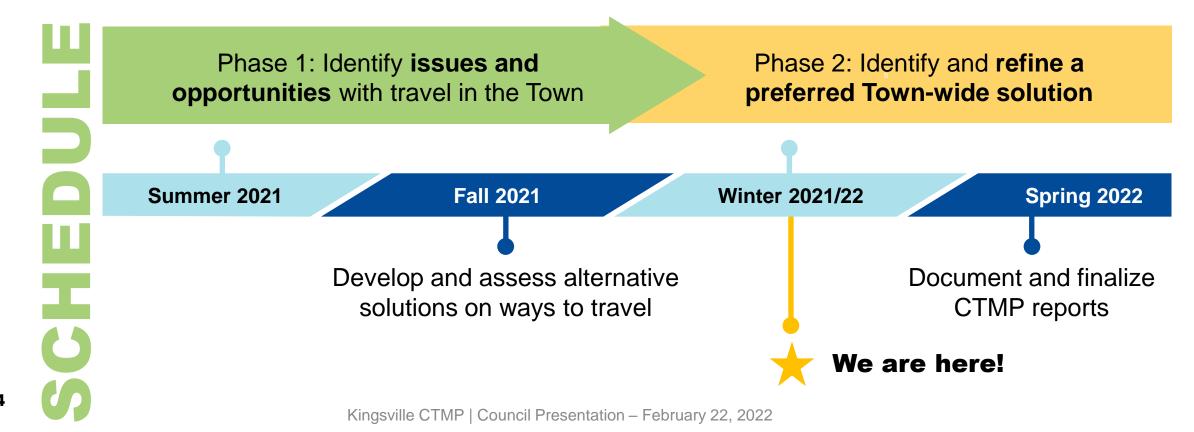
A CTMP is not...



- A detailed design for transportation improvements
- An authorization to construct major transportation improvements
- A study for local issues such as potholes

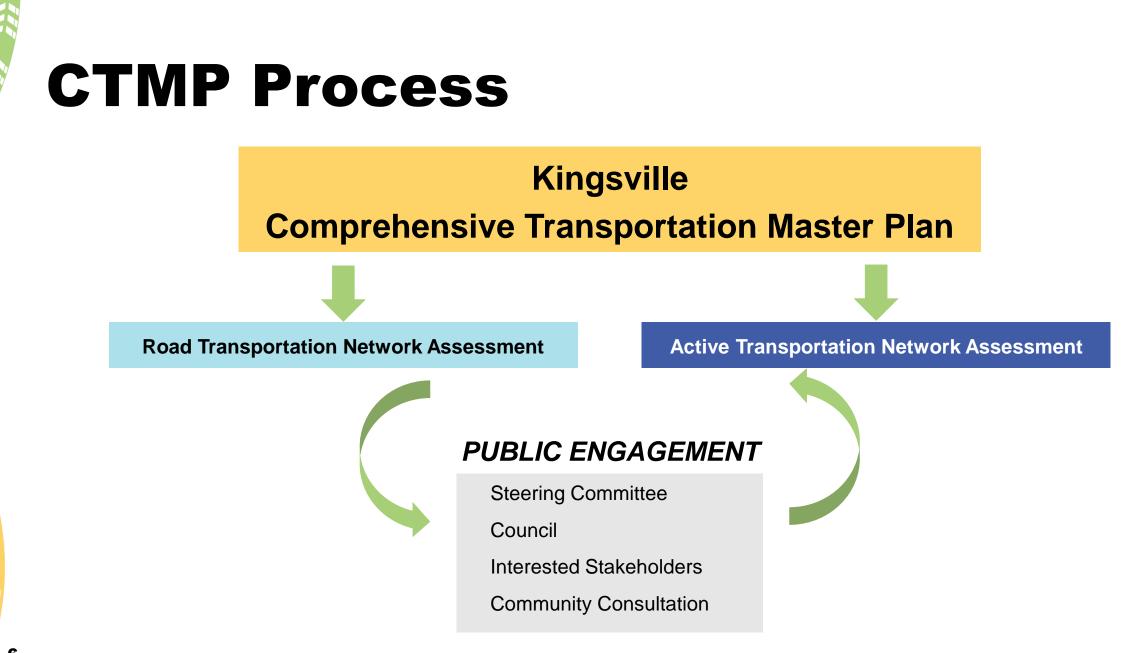
What is the Municipal Class EA (MCEA) process?

The CTMP is being completed consistent with the **MCEA Master Planning process**. Phases 1 and 2 of the process will be completed.



CTMP Objectives

- Establish a Vision Statement and supporting guiding principals
- Proactively plan for all modes of travel
- Provide accessible streets for all ages and abilities in established and new developments
- Encourage seamless multi-modal travel and transfers across different transportation modes including pedestrians, cyclists, transit users, and motorists
- Support goals for a vibrant and connected community
- Promote active lifestyles
- Enhance the quality of life for people who live, work, and play in the Town



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Audiences & Milestones

Who was engaged?



Residents



Stakeholders & technical agencies



Town Staff & Council

How were they engaged?



Virtual Meetings

Public Information Centres Stakeholder Workshops SWOT Interviews with Town Staff, Windsor Essex Health Unit, Tourism Windsor Essex Pelee Island, Kingsville BIA, Bike Windsor Essex, Leamington Consulate, Ontario Greenhouses Vegetable Growers



Online

Online engagement through CTMP website survey



Outreach

Promotional tools Social media Project website

What We've Heard...

The following priorities emerged as key themes through the public survey, Council survey, and Stakeholder Workshop...

- Create a **multimodal** transportation system
- Improve traffic flow and increase efficiency
- Accommodate future growth and development
- Improve connectivity:
 - to other communities
 - between transportation and land uses
 - for active transportation users
- Promote sustainability

Working Vision Statement

The Town of Kingsville provides a safe and accessible multi-modal transportation network that enhances community connections, increases efficiency, and prioritizes sustainability, while accommodating future growth and development.

Active Transportation Approach

Review existing conditions and gaps

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Identify facility types and facility design guidelines

Review opportunities for enhancement and integration into larger CWATS a network and Chrysler Canada Greenway

Develop local routes for recreation and utilitarian AT connections Identify estimated capital costs of infrastructure and identify funding sources

Develop asset management and maintenance strategy

Develop a phased implementation strategy

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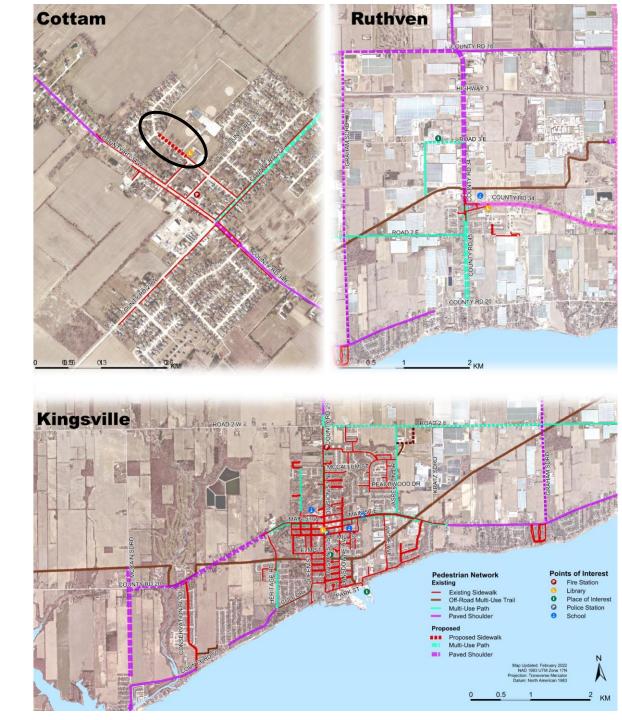
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Sidewalk Gaps

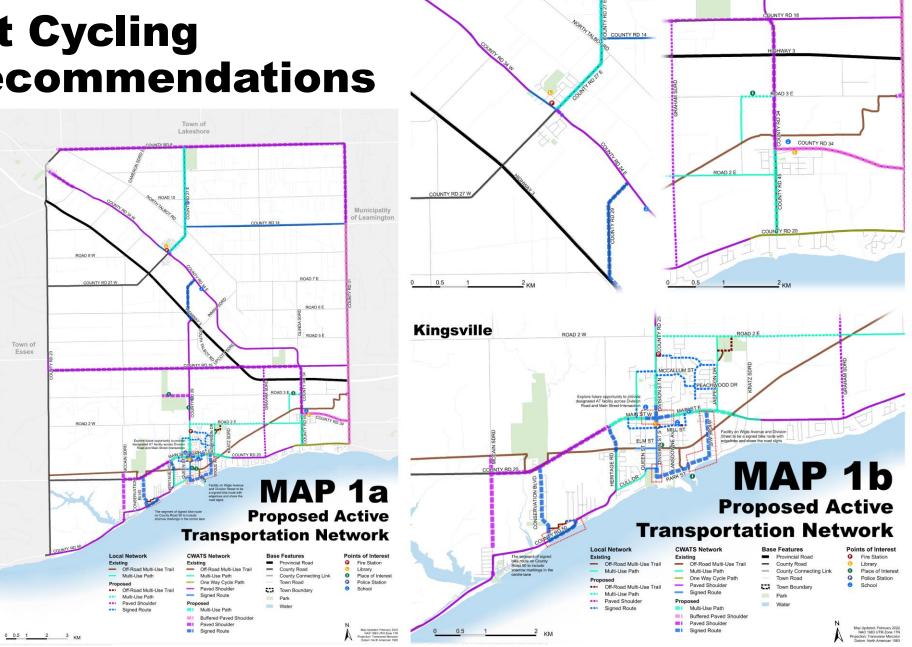
Currently there are approximately **56KM** of existing sidewalks in the urban areas.

Recommended additional sidewalk on Fox Street in Cottam



Future Draft Cycling Network Recommendations

Currently there are about **87KM** of existing and **79KM** of proposed facilities for a total network of over **164KM**



Cottam

Ruthven

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Road Approach

Review existing conditions, relevant policies and gaps

Assess the Town's future road and transit needs

Develop cost-effective recommendations to fill gaps

Review and update road and trails design standards

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Identify heavy truck routes

Develop a 15-year implementation strategy

Provide recommendations to address future impacts of emerging technologies

Review and suggest updates for other transportationsupportive policies and initiatives

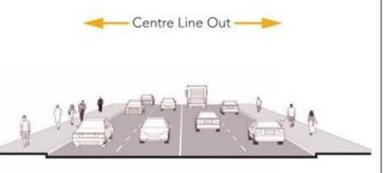
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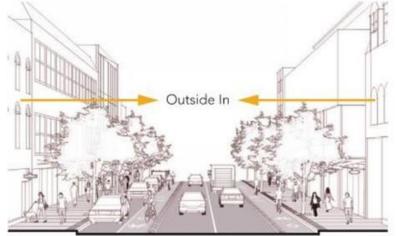
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Complete Streets Policy



THEN

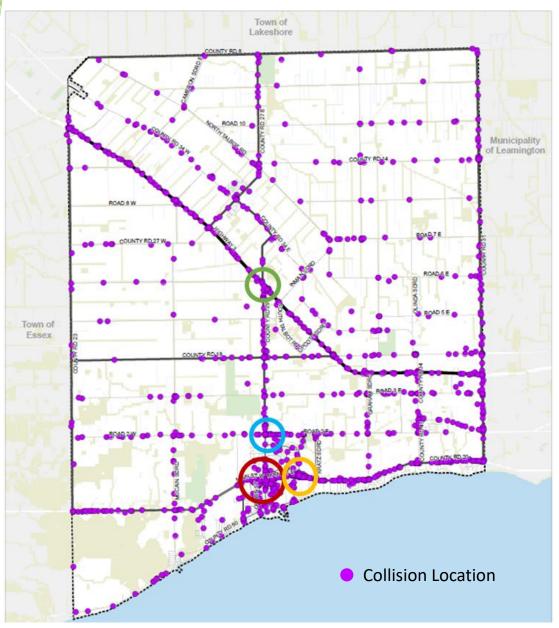
Auto-Mobility Automobile Safety



NOW

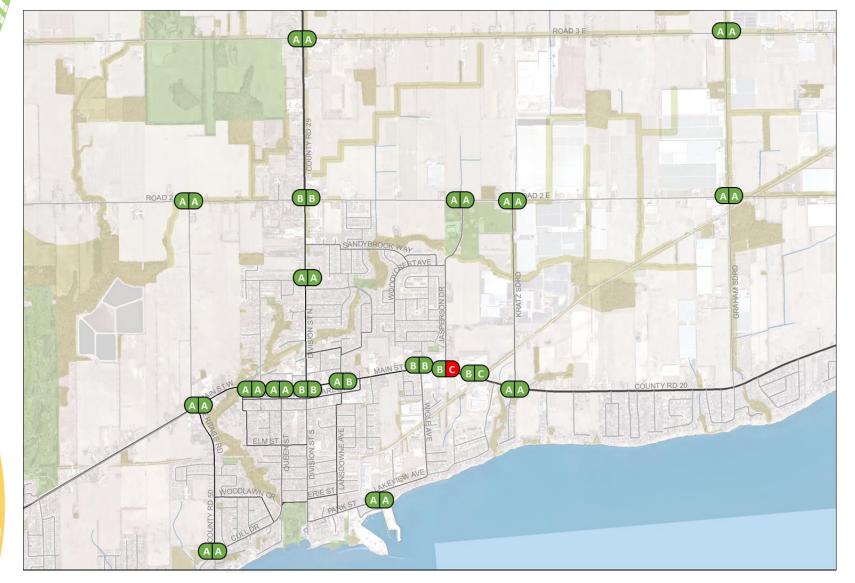
Multi-modal Mobility + Access Public Health/Safety Economic Development Environmental Quality Livability/Quality of Life Equity

- Designed for all ages and abilities.
- Promotes activity, livability, connectivity to enable seamless travel on any travel mode.
- Context-sensitive: responsive to local conditions.



Preliminary Collision Analysis Overview

- 5-Year Collision Data from November 2015 to October 2020
- A total of 1,282 reported collisions (includes both on-road and off-road incidents)
- Hot Spot Locations
 - Main St & Jasperson Dr (70+ collisions, includes off-road or parking lot collisions)
 - Main St & Division St (65+ collisions, includes off-road or on-street parking collisions)
 - Highway 3 & Division St /County Road 29 (30+ collisions)
 - Road 2 & Division St (20+ collisions)



Existing Intersection Level Of Service

Legend

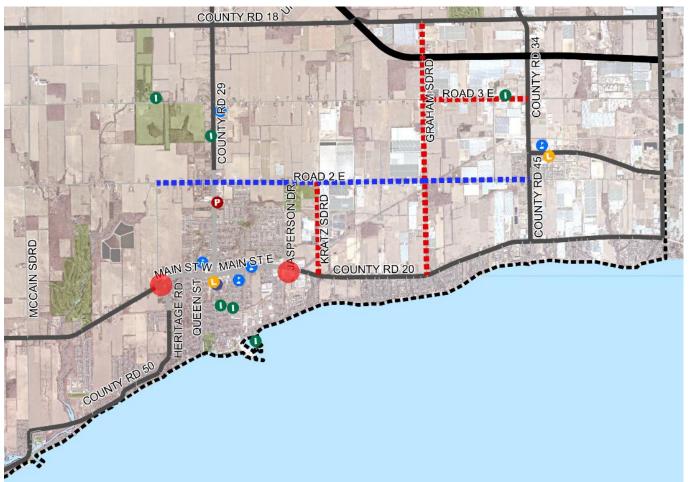
AM/PM Level of Service (LOS)

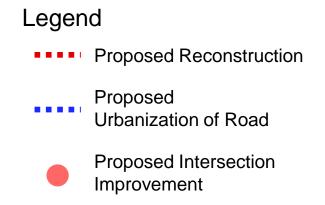
volume to capacity ratio (v/c) = < 0.79

0.79 > v/c =<0.9

v/c > 0.9

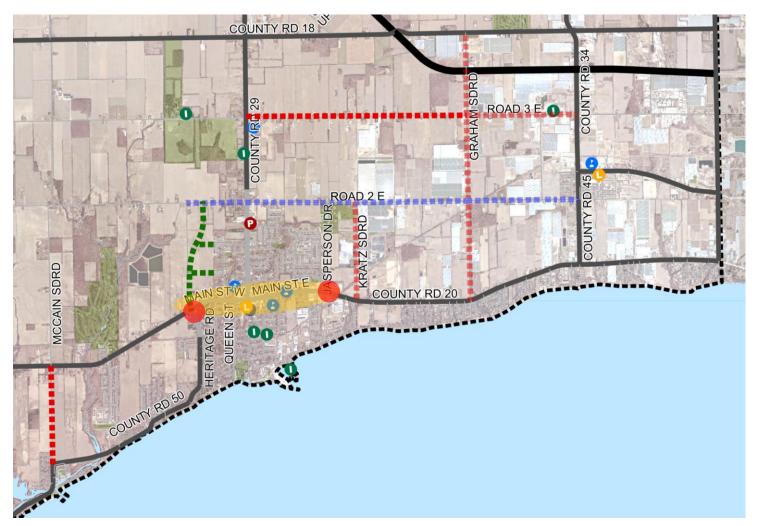
Road Recommendations Carried Forward from Previous TMP





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Additional Improvements





Proposed New Roads

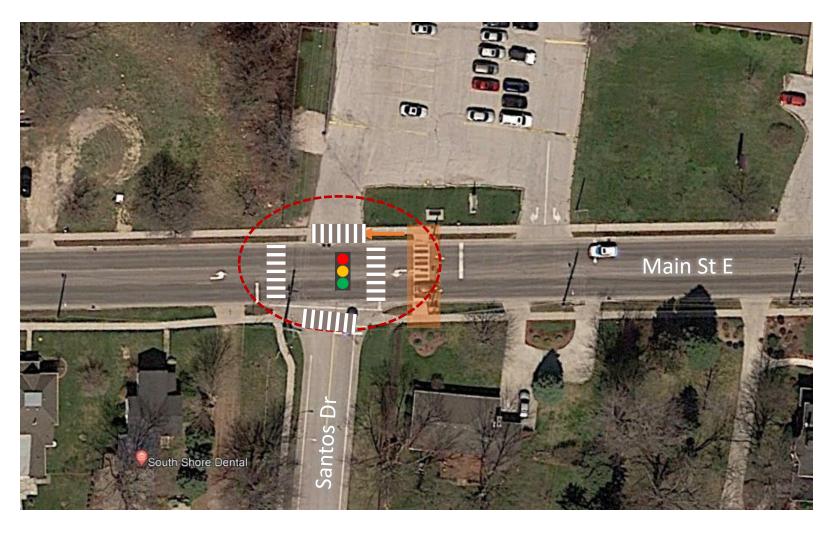
Proposed Reconstruction

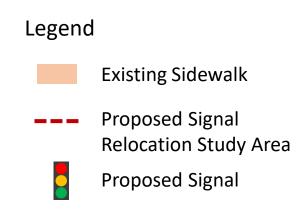
Proposed Urbanization of Road

Proposed Intersection Improvement

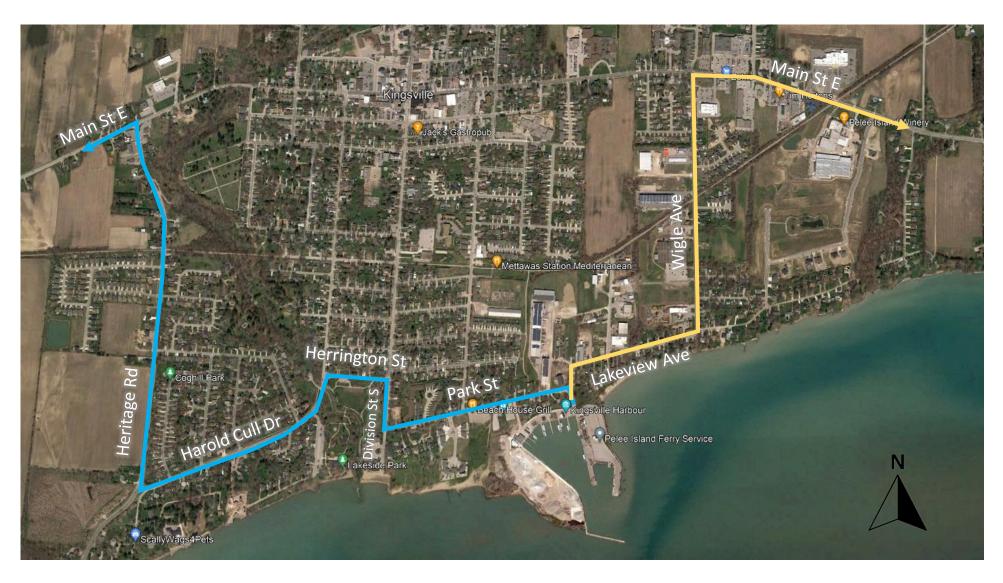
Proposed Signal Optimization and Coordination along Main St

Santos Drive Signal Relocation

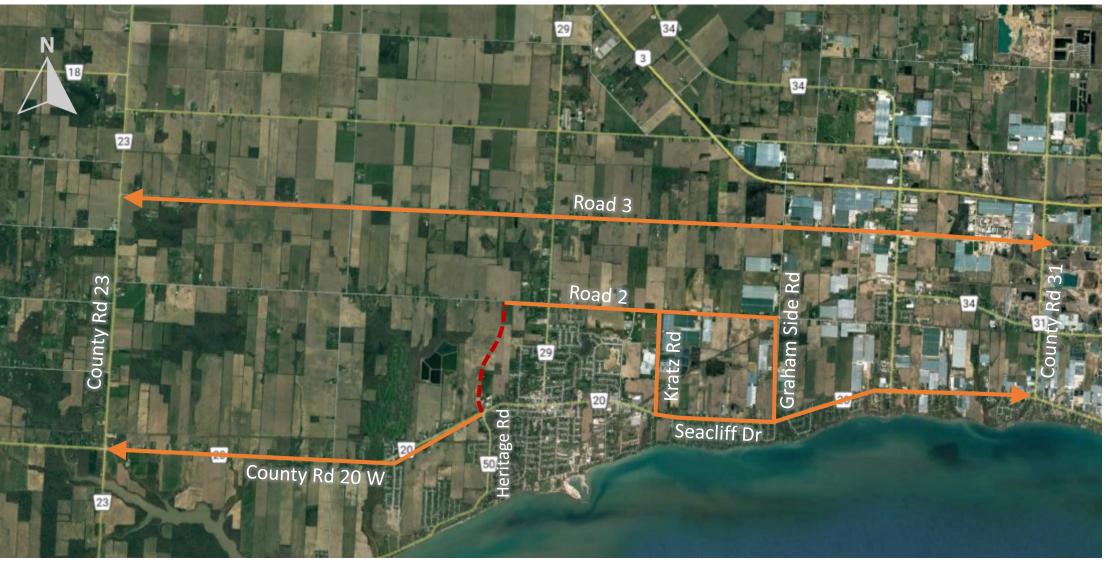




Preferred Routes to Port Area







What are the Next Steps?

Summarize and process input received

Refine active transportation and road network recommendations

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Prepare for PIC #2 in March/April 2022 to present recommended road and active transportation network improvements

4

Prepare for draft CTMP in June 2022

Thank you!

Have more comments? Please visit:

https://www.kingsville.ca/CTMP

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