

Integrated Servicing Master Plan

Water • Wastewater • Stormwater • Transportation

Public Information Centre #1 - Project Introduction

Municipal Class Environmental Assessment | Master Planning

Thursday, October 1, 2026 | 5:00 PM – 7:00 PM

Multi-Purpose Room (upstairs), Talbot Gardens — 10 Talbot Street N, Simcoe, ON N3Y 4N5

How to Get Involved

Public input is an important part of the Integrated Servicing Master Plan. Norfolk County encourages residents, landowners, businesses, agencies, First Nations and Indigenous Communities, and other interested parties to participate throughout the Study.

1

Talk to the Project Team

Ask questions and share comments in person tonight or contact the project team any time.

2

Visit the Project Webpage

Project information and updates are posted at engagenorfolk.ca as the Study progresses.

3

Submit Written Comments

Submit comments at this Centre, through the project webpage, or to the project team.

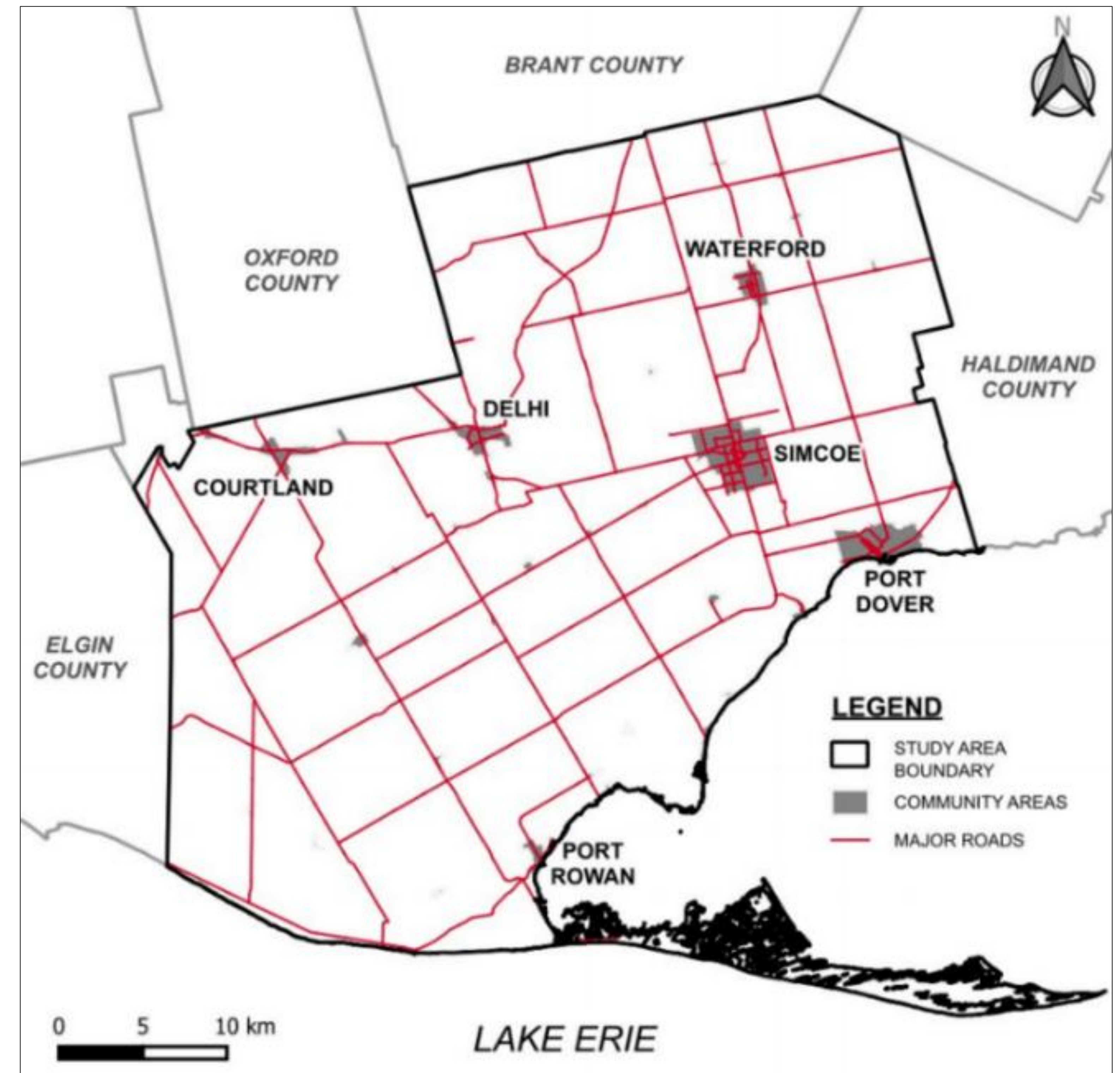
This is the first of four (4) Public Information Centres planned for the Study. Comments are welcome throughout the Study.

Study Area

The Study covers all of Norfolk County: the urban communities of Simcoe, Port Dover, Delhi, Waterford, Courtland, and Port Rowan, and the surrounding rural and agricultural area.

The ISMP will help Norfolk County:

- Plan water, wastewater, stormwater, drainage, and and transportation systems to support growth to growth to 2051
- Align infrastructure with the GROW Norfolk growth management study
- Support the County's Development Charges By-law update
- Embed climate adaptation, per the County's climate emergency declaration



What Does the Integrated Servicing Master Plan Cover?

Water	Wastewater	Stormwater & Drainage	Transportation
Potable water supply, treatment, and distribution; delivering safe, clean drinking water to homes and businesses.	Sanitary collection and treatment; treating sewage before returning water to the environment.	Urban stormwater collection and treatment, plus rural stormwater through 960 km of Municipal Drains.	A multi-modal road network safe and efficient for all users; goods movement, transit, walking, and cycling.

The Integrated Servicing Master Plan will identify the level of service each system provides today and assess how growth to 2051 may affect future infrastructure needs.

The Municipal Class EA and Master Planning Process

The Integrated Servicing Master Plan is being planned through the Municipal Class Environmental Assessment process for Master Planning, with integration under the Planning Act, where applicable. This process allows Norfolk County to consider servicing, transportation, growth, and infrastructure needs together. The Master Plan will follow Phases 1 and 2 of the Municipal Class EA process.

Completing Phases 1 & 2 means:

- Phase 1: identify the problem and opportunity (this PIC)
- Phase 2: identify and evaluate alternative solutions
- Future projects may proceed to implementation or additional project-specific study, design and approvals, depending on the type, scope, and approval requirements of each project.

WE ARE HERE	
1	Study Commencement and Existing Conditions
2	Phase 1: Problem and Opportunity
3	Phase 2: Alternative Planning Solutions
4	Preferred Integrated Servicing Strategy
5	Implementation Roadmap and Future Approvals

Integration with the Planning Act

Infrastructure planning and land-use planning work best when they move forward together. This Study is being carried out under Section 26 of the Planning Act, integrated with Norfolk County's Official Plan and the ongoing Municipal Comprehensive Review (GROW Norfolk).

Benefits of an Integrated Approach

- One shared growth forecast — the same population, household and employment projections to 2051 inform both the Official Plan and this Study's servicing strategies
- Growth areas are tested against real servicing capacity before they're finalized in the Official Plan
- Coordinated public and agency consultation, instead of separate processes for related infrastructure and land-use decisions
- A single, evidence-based framework that Council and staff can act on

At the Conclusion of This Study

- The Servicing Master Plan will bring forward recommended policy directions for Council's consideration, including amendments to the Official Plan
- These will reflect updated infrastructure capacity, servicing strategies and phasing needed to support growth to 2051
- Recommendations will be coordinated with the Municipal Comprehensive Review's own Official Plan Amendment (OPA 164), so infrastructure and land-use policy move forward together

Vision & Guiding Principles

Integrated Servicing Master Plan Vision

Building a safe, sustainable, and equitable future for Norfolk County's water, wastewater, stormwater, and transportation systems through coordinated, evidence-based planning.

Equitable Infrastructure

Reliable service for urban and rural communities alike.

Safe & Healthy Communities

Active, safe transportation and reliable core services.

Sustainability

Balance social, environmental, and economic goals.

Climate Resilience

Embed climate adaptation, per the County's climate emergency declaration.

Communication & Consultation

Clear, open communication and consultation throughout.

Integrated Planning

Coordinate with GROW Norfolk growth management study and other County initiatives.

Problem & Opportunity Statement

The Integrated Servicing Master Plan has been initiated to update Norfolk County's long-term water, wastewater, stormwater, transportation servicing strategy and capital implementation plan, to support forecasted growth to 2051.

- 1 Existing infrastructure must be assessed against today's demand and forecasted growth
- 2 Growth is being directed through GROW Norfolk, requiring a coordinated servicing response
- 3 Coordinated planning reduces duplication between infrastructure planning and EA approvals

Your feedback tonight on existing conditions, and on the problems and opportunities identified, will directly shape the alternatives evaluated next.

Existing Conditions: Water System

Norfolk County owns, operates, and maintains the municipal water system, which includes potable water supply, treatment, storage, and distribution infrastructure. The system is supplied by both surface water and groundwater sources.

Key Considerations

- 01

The Port Rowan and Port Dover Water Systems draws its source water from Lake Erie, while groundwater wells serve Simcoe, Delhi, Waterford, Courtland, and surrounding areas.
- 02

Water allocation is guided by the Long Point Region Tier 3 Water Budget, including the 80% firm-supply capacity threshold.
- 03

Support sustainable groundwater use within Wellhead Protection Areas.
- 04

Balance treatment capacity, supply, and system reliability County-wide.

Study Context

Previous master planning identified limited County-wide surplus water supply capacity and local constraints. This Study is updating those findings using current growth forecasts, system data, and modelling.

Asset Inventory

Asset type	Quantity
Local Mains	308 km
Water Meters	16,537
Booster Stations and Reservoirs	4
Other Water Facilities	22
Water Towers and Standpipes	6
Water Treatment Plants	6
Wells	13

Source: Table 11-3 Inventory of Drinking Water Assets, 2025 Asset Management Plan (June 2025)

Existing Conditions: Wastewater System

Norfolk County owns, operates, and maintains municipal wastewater collection and treatment systems in its serviced communities. Sanitary sewers convey wastewater to County treatment facilities before it is returned to the environment.

Key Considerations

- 01

Five serviced communities have municipal wastewater treatment plants; Courtland uses private septic systems.
- 02

The existing wastewater model is being converted from InfoSewer to PCSWMM.
- 03

Capacity, condition, and reliability will guide future infrastructure needs.
- 04

Growth areas from GROW Norfolk and Secondary Plans will be reviewed against servicing capacity

Study Context

Previous master planning identified wastewater capacity constraints in some communities. This Study is updating those findings using current growth forecasts, servicing data and modelling.

Asset Inventory

Asset type	Quantity
Sanitary Forcemains	13 km
Sanitary Mains	213 km
Sewage Pumping Stations	21
Wastewater Treatment Plants	5

Source: Table 12-3 Inventory of Wastewater Assets, 2025 Asset Management Plan (June 2025)

Existing Conditions: Stormwater & Drains

Norfolk County manages urban stormwater infrastructure and rural drainage systems, including municipal drains. These systems collect, convey, control, and treat runoff from rainfall and snowmelt.

Key Considerations

- 01

Rural drainage is managed through 960 km of municipal drains, supporting agricultural and hamlet areas.
- 02

Urban municipal drains will be reviewed where they interact with the County’s stormwater CLI-ECA.
- 03

The County has a PCSWMM stormwater model, which is being reviewed as part of this Study.
- 04

High groundwater in some growth areas may affect future stormwater servicing.

Study Context

Previous master planning and GIS review identified gaps in the stormwater inventory, including stormwater ponds, LID features, mechanical treatment devices, and municipal drain condition information. These records are being compiled and reviewed through this Study.

Asset Inventory

Asset type	Quantity
Ditches	3,343 km
Storm Mains	230 km
Shoreline Assets	34
Stormwater Management Ponds	28

Source: Table 13-3 Inventory of Stormwater Assets, 2025 Asset Management Plan (June 2025)

Existing Conditions: Transportation

The County plans, delivers, and maintains a multi-modal transportation network that supports safe, efficient movement for goods, farm vehicles, transit, and active transportation.

Key Considerations

- 01

The County’s EMME transportation model will be reviewed and updated, if warranted.
- 02

Road classifications will be reviewed against current and forecasted traffic.
- 03

Six key arterial corridors are being reviewed for access control, including corridors in Simcoe, Delhi, Port Dover, and Waterford.
- 04

Goods movement, farm vehicles, and seasonal/event traffic will be considered.
- 05

Transit, walking, and cycling connections will be reviewed alongside planned growth.

Study Context

This Study is updating findings from the previous master planning alongside updated transportation data, growth forecasts, and active transportation facility counts.

Asset Inventory

Asset type	Quantity
Collector Roads	69 km
Arterial Roads	728 km
Local Roads	1983 km
Guiderail	53 km
Sidewalks	170 km
Streetlights	4,982
Traffic Signals	38
Bridges	143
Culverts	115

Source: GIS Review and Table 10-4 Inventory of Transportation Assets, 2025 Asset Management Plan (June 2025)

Opportunities: Water & Wastewater

1

Expand treatment capacity to support growth to 2051, balancing lake-based and groundwater systems. The Inter-Urban Water Supply, timing will be reviewed along with the active Option B Servicing Strategy.

2

Maintain water allocation within the 80% firm-capacity limit set by the Tier 3 Water Budget

3

Support sustainable groundwater use within Wellhead Protection Areas

4

Provide resiliency through multiple supply and conveyance paths

5

Coordinate infrastructure timing with growth areas growth areas identified through the GROW Norfolk Norfolk Study

6

Identify infrastructure needs and confirm with Development Charges eligibility

Tell us: are there specific water or wastewater service concerns in your community we should know about?

Opportunities: Stormwater & Municipal Drains

1

Develop a Stormwater & Municipal Drains Program Framework for governance, asset management, and funding

2

Identify options for Municipal Drains in urban areas – retain, convert, or partner with Conservation Authorities

3

Improve guiding principles for stormwater servicing in rural hamlet areas

4

Assess groundwater constraints (e.g., high water table) affecting servicing in growth areas

5

Refine and calibrate the County's PCSWMM stormwater model over time

6

Explore sustainable, rate-based or partnership funding models for long-term delivery

Tell us: where do you see recurring drainage, flooding, or ditch/drain maintenance concerns in Norfolk County?

Opportunities: Transportation

1

Review and update road classification against current and future traffic demand

2

Evaluate access control needs along six key arterial corridors County-wide

3

Support safe, efficient goods movement, including agricultural equipment

4

Address seasonal and event-driven congestion (e.g., Port Dover events)

5

Provide safe, connected active transportation within the road allowance

6

Ensure AODA-compliant, accessible transportation infrastructure

Tell us: which roads, intersections, or crossings feel unsafe or unreliable today?

How This Study Connects to Other County Work

The Integrated Servicing Master Plan is being coordinated with several other Norfolk County studies and programs currently underway.

GROW Norfolk / Municipal Comprehensive Review

Provides growth forecasts and settlement area direction to 2051 that will inform servicing and transportation needs.

Development Charges By-law Update

The ISMP will identify infrastructure needs and help support growth-related capital planning and Development Charges funding.

Source Water Protection Plan

The Tier 3 Water Budget informs sustainable water allocation limits used in this Study.

Transit Master Plan (in progress)

Sets the County's 10-year transit strategy, integrated into transportation recommendations.

Port Dover & Downtown Simcoe Secondary Plans

Local growth and revitalization plans that the ISMP's servicing and transportation strategies will consider.

Climate Emergency Declaration

Climate adaptation and mitigation considerations will be embedded throughout the Study.

Inclusive & Accessible Engagement

Engaging First Nations & Indigenous Communities

- Norfolk County is committed to early, respectful and meaningful engagement with Six Nations of the Grand River and the Mississaugas of the Credit First Nation
- Engagement methods will be developed to be culturally appropriate and consistent with the Grand River Notification Agreement
- First Nations and Indigenous Communities will be invited to review study information and provide input at key stages

Accessible, Inclusive Participation

- Study materials will be made available in accessible formats, consistent with Ontario Regulation 191/11
- Engagement will include in-person and virtual opportunities, with consideration for rural residents and those without reliable internet access
- The Study includes a minimum of four (4) Public Information Centres
- Comments received will be reviewed, documented and considered as the Master Plan is developed.

Next Steps

Fall 2026

Review and consider feedback from Public Information Centre #1, agencies, stakeholders, First Nations and Indigenous Communities, and the public.

Winter 2027

Present technical findings and improvement opportunities at Public Information Centre #2.

Spring 2027

Develop and evaluate alternative solutions and present them at Public Information Centre #3.

Fall 2027

Present the preferred integrated servicing strategy and implementation roadmap at Public Information Centre #4. Finalize the Master Plan and issue the Notice of Completion for public review.

Dates shown are preliminary and subject to change. Updates will be posted at engagenorfolk.ca.

We Want to Hear From You

Submit Your Comments by Friday, October 23, 2026

Please share your comments and feedback on the Public Information Centre #1 materials. Input received will be reviewed and considered as the Study moves into Phase 2, which includes identifying and evaluating alternative servicing solutions.

1

In Person Tonight

Ask questions and share comments directly with the project team at the Public Information Centre

2

Online

Submit comments anytime through the project webpage at engagenorfolk.ca/servicing-master-plan

3

By Email

Contact the County PM:
Jacob Columbus, C.E.T.
Jacob.Columbus@norfolkcounty.ca

Comments received become part of the Study's public record under the Municipal Freedom of Information and Protection of Privacy Act and the of Privacy Act and the Ontario Environmental Assessment Act, except for personal information.