



YORK REGION SEWAGE WORKS PROJECT

Presented to
LSRCA Board of Directors

Presented by
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Presented on
September 26, 2025



How it all started:

- Supporting Growth and Housing in York and Durham Regions Act, 2022
- Project Report and Consultation

Accommodating Growth and Housing Development in Upper York Area

“[The Act requires] York and Durham Regions to do everything in their powers to enlarge and improve the existing York Durham Sewage System to convey sewage from Aurora, Newmarket and East Gwillimbury to the Duffin Creek Water Pollution Control Plant in Durham Region.

This proposal would accommodate growth and housing development in the upper part of York Region to 2051.”

<https://ero.ontario.ca/notice/019-6192>



Project Report and Consultation

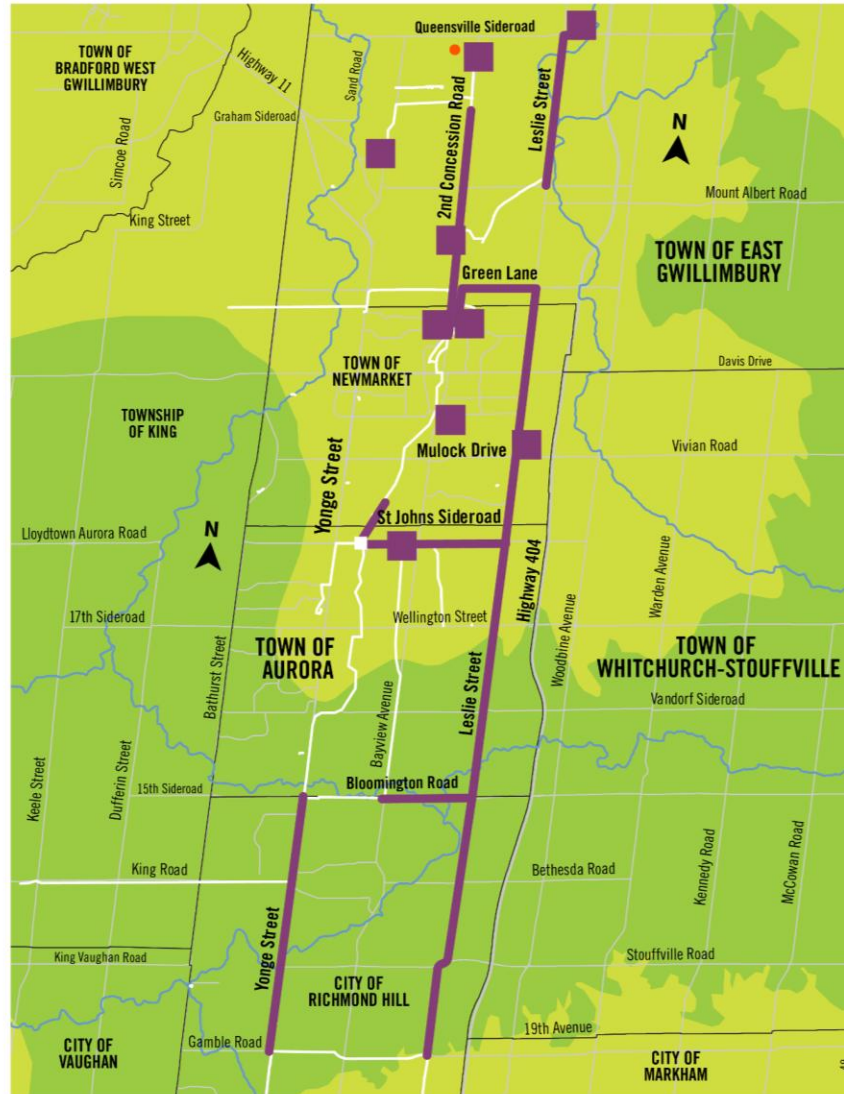
- Act required that York Region prepare Project Report for Minister's review and approval. Project Report describes:
 - **Infrastructure components** and associated costs
 - **Impacts** to environment and how those impacts will be **mitigated**
 - Impacts to **aboriginal or treaty rights** and how those impacts will be mitigated
 - Other **approvals** required before construction and operation
- Act mandated York and Durham Regions consult with:
 - Indigenous Communities
 - Persons who may be interested in the project, including local municipalities
- Two Consultation Reports were provided to Minister with Project Report
- Project Report was approved by Minister April 22, 2024
- Report posted on york.ca/SewageWorks under York Region Sewage Works Project

York Region Sewage Works Project Components:

- North YDSS Expansion
- South YDSS Expansion
- YDSS Primary System Expansion

York Region Sewage Works Project Components

North YDSS Expansion



South YDSS Expansion



YDSS Primary System Expansion



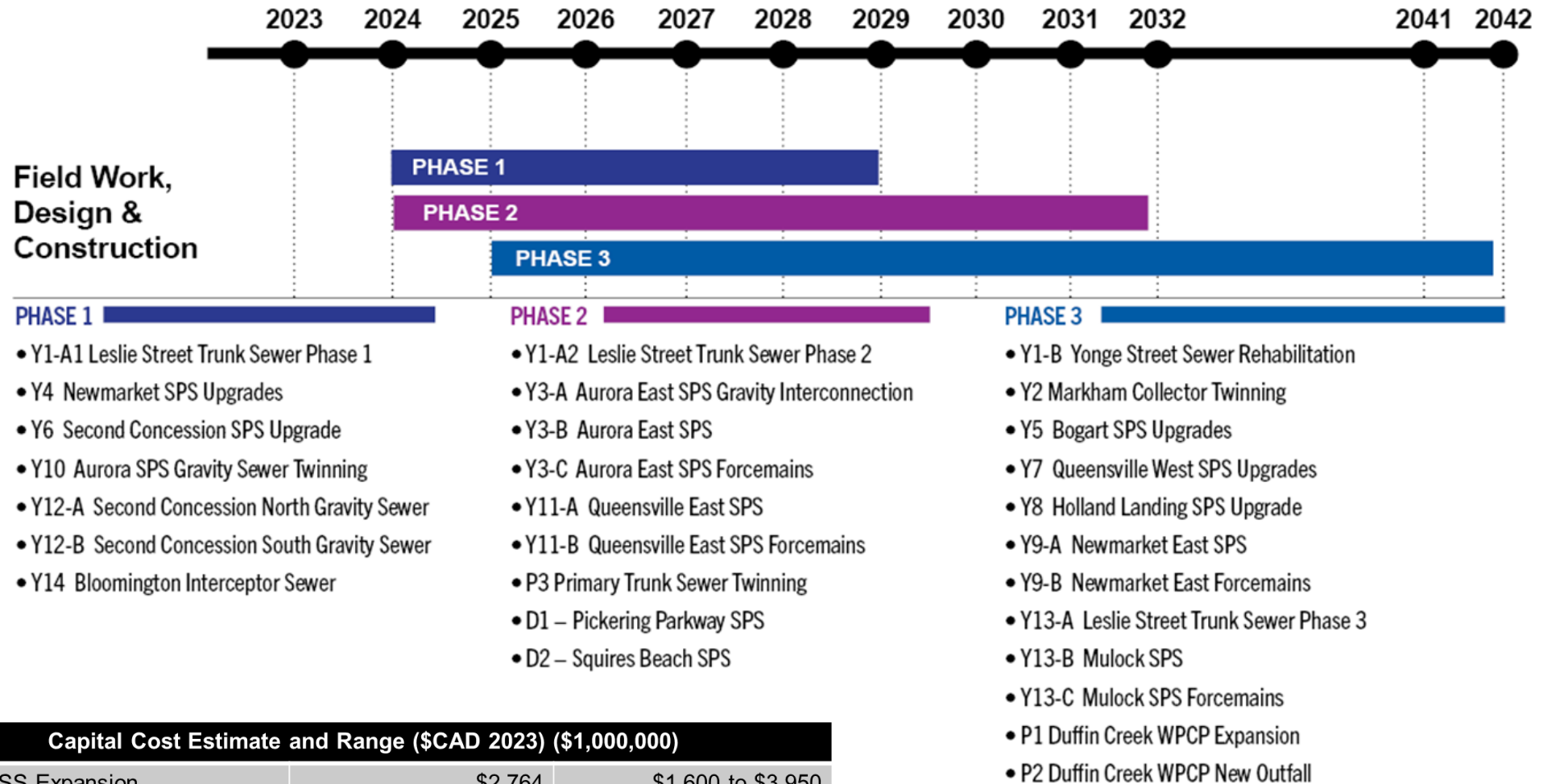
Project Components

- █ North YDSS Expansion
- █ South YDSS Expansion
- █ YDSS Primary System Expansion

Legend

- Existing York Durham Sewage System
- Municipal Boundary
- Oak Ridges Moraine
- New or Expanded Pumping Stations or Duffin Creek Plant Expansion
- New Trunk Sewer and/or Forcemain or Modifications to Existing Sewer
- ➔ New Wastewater Treatment Plant Outfall
- Holland Landing Lagoons Decommissioning

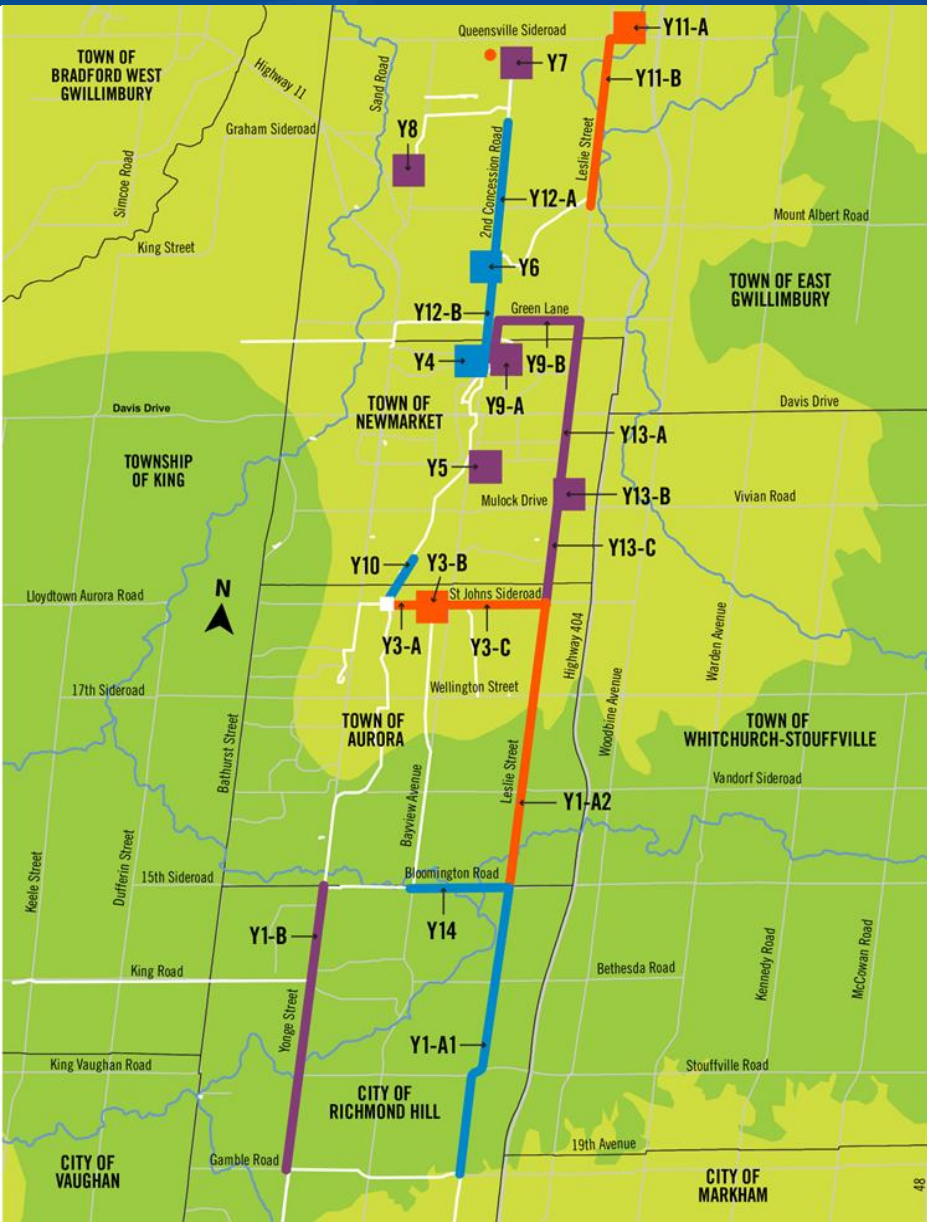
York Region Sewage Works Project Implementation Plan



Capital Cost Estimate and Range (\$CAD 2023) (\$1,000,000)		
North YDSS Expansion	\$2,764	\$1,600 to \$3,950
South YDSS Expansion	\$600	\$370 to \$1,000
YDSS Primary System Expansion	\$1,891	\$1,200 to \$2,950

North YDSS (York Durham Sewage System) Expansion

North YDSS Expansion — Delivery Packages



Package 1

- Y1-A1 Leslie Street Trunk Sewer
- Y14 Bloomington Interceptor Sewer

Package 2

- Y10 Aurora SPS Gravity Sewer Twinning
- Y12-A/B 2nd Concession North and South Gravity Sewer

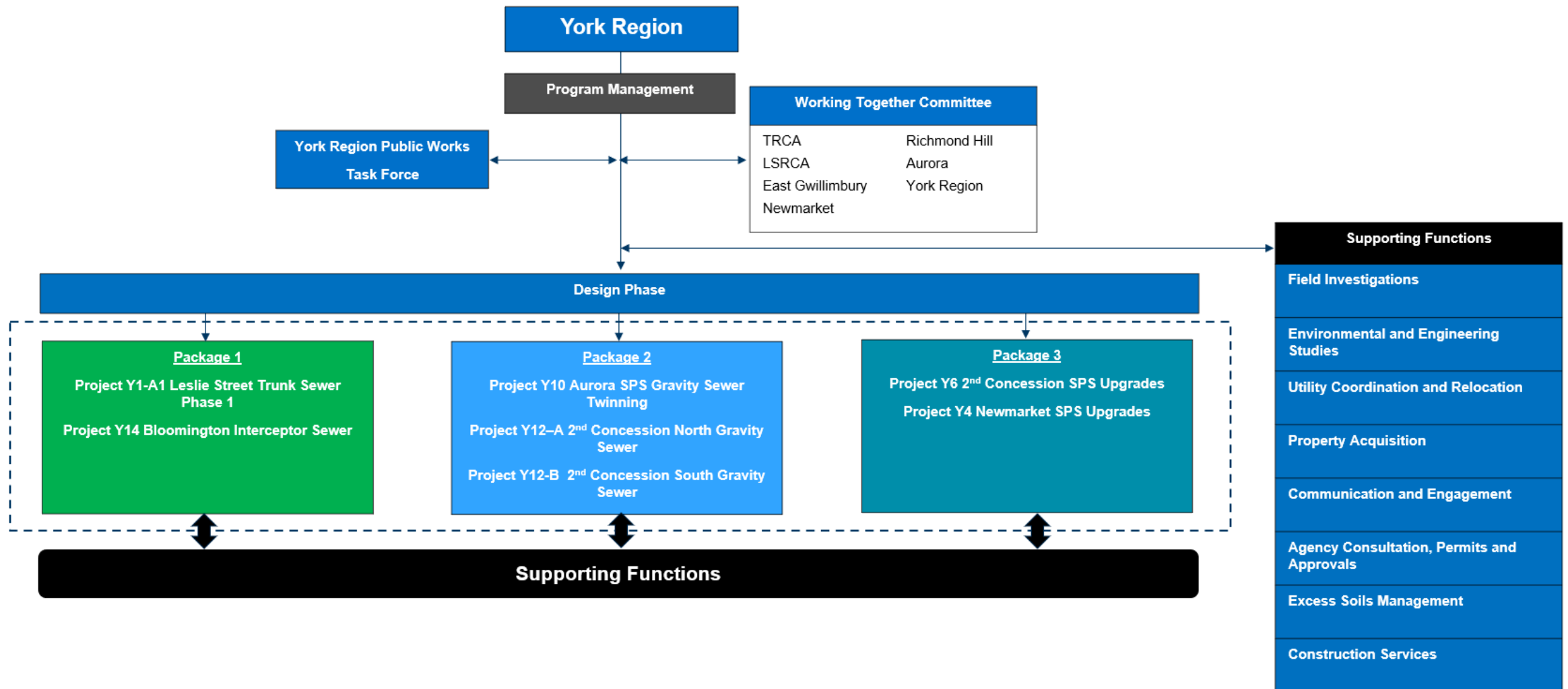
Package 3

- Y4 Newmarket SPS Upgrade
- Y6 2nd Concession SPS Upgrade

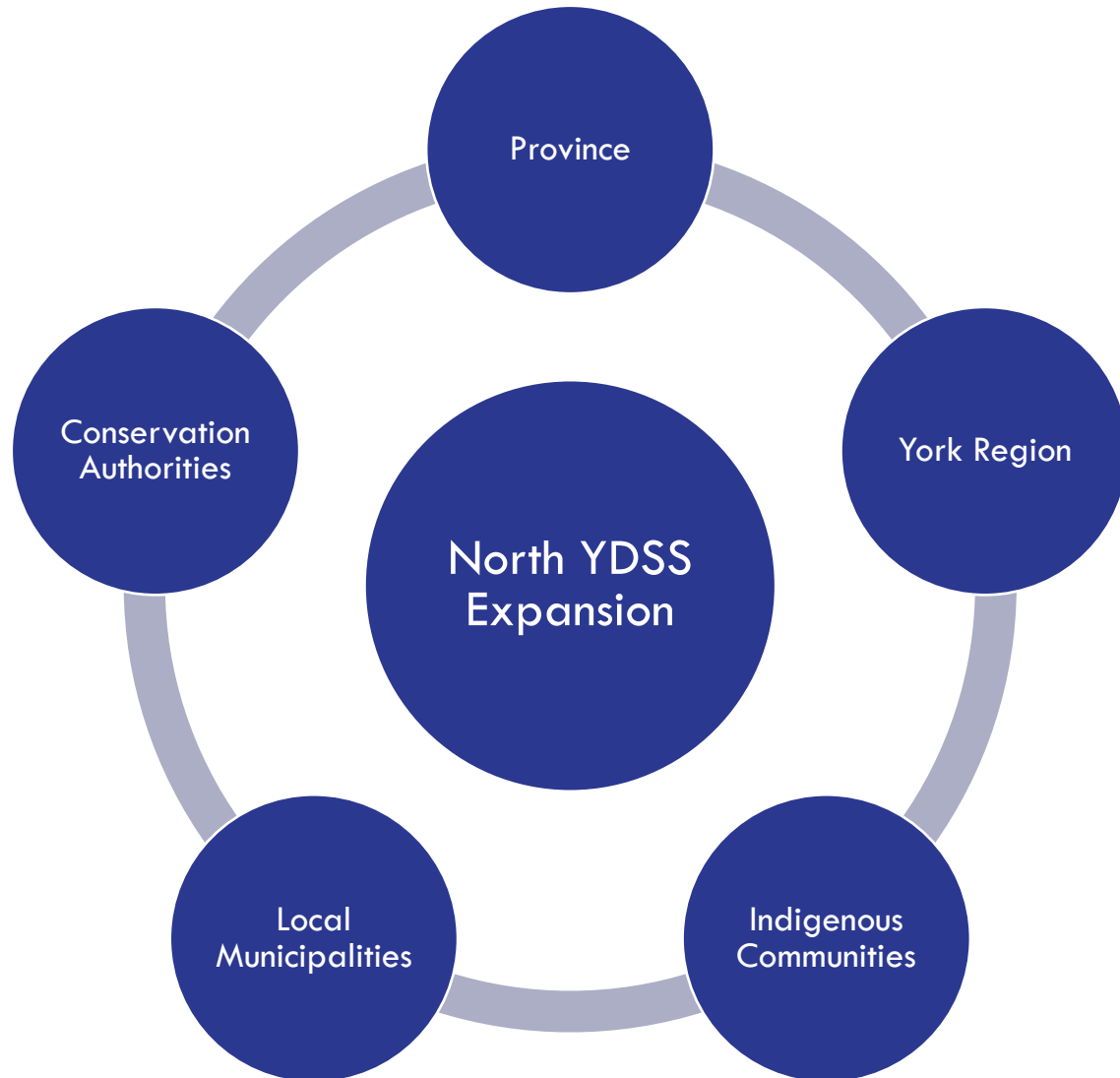
Legend

- Existing York Durham Sewage System
- Municipal Boundary
- Oak Ridges Moraine

Programmatic Delivery Approach



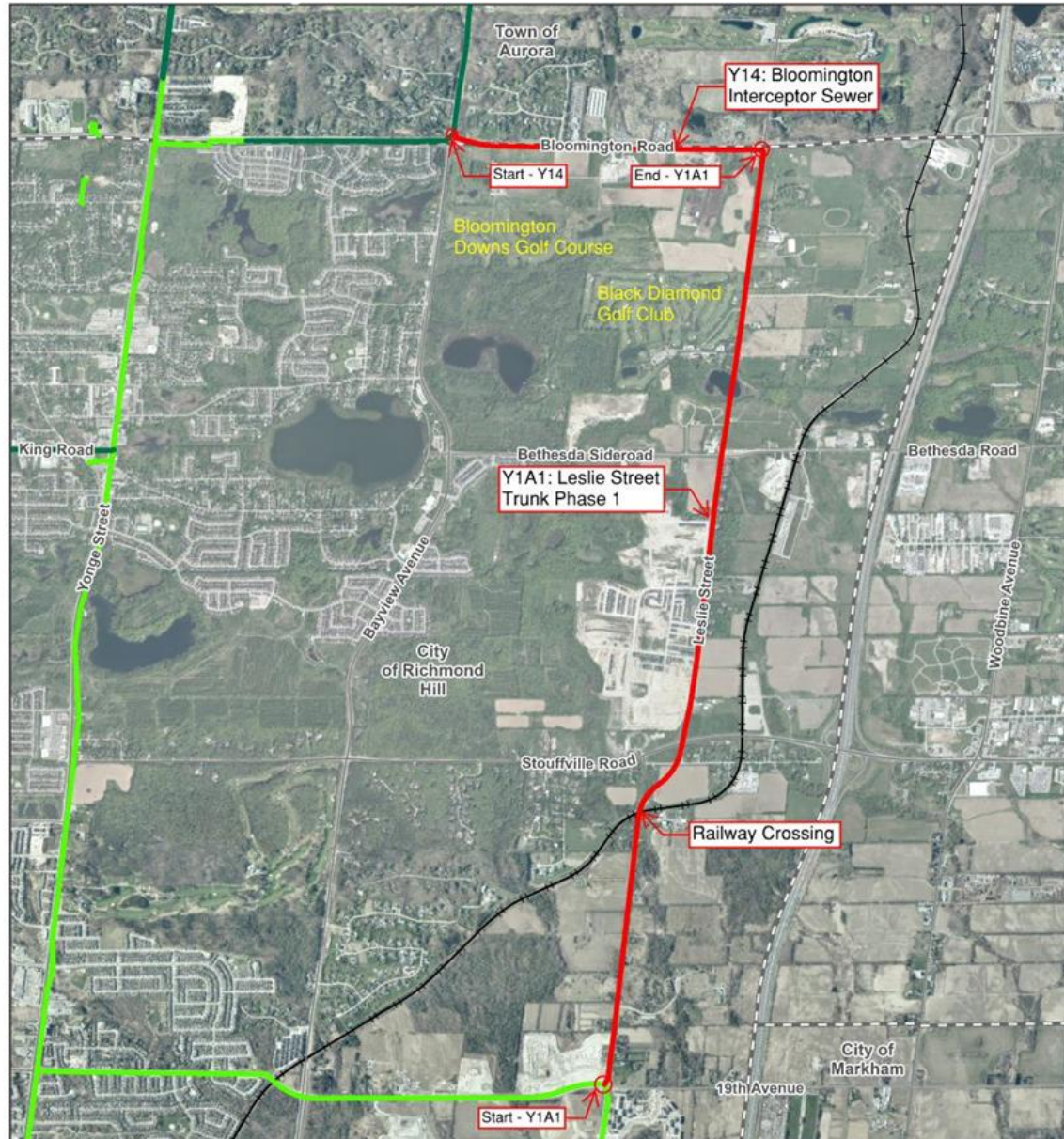
Integration and Communication



- Constant communication and integration within the Team
- Regular touch-point and reporting with Region stakeholders through Public Works Task Force
- Regular touch-point and reporting with local municipalities and conservation authorities (TRCA,LSRCA) through Working Together Committee
- Single point of contact with Provincial agencies (MECP, MNR, MOI, etc.)
- Continuous engagement with Indigenous communities

North YDSS Expansion Project Delivery Status Update

Y1-A1: Leslie Street Trunk Sewer Phase 1 / Y14: Bloomington Diversion Sewer



Milestones

Milestones	Completion Date
30% Design	Q4 2025
60% Design	Q2 2026
90% Design	Q1 2027
Substantial Completion	Q4 2030

Cost Estimate

Description	Amount (CAD 2023)
Total Construction Cost	\$500M
Property Acquisition	\$50M

Y10: Aurora SPS Gravity Sewer Twinning



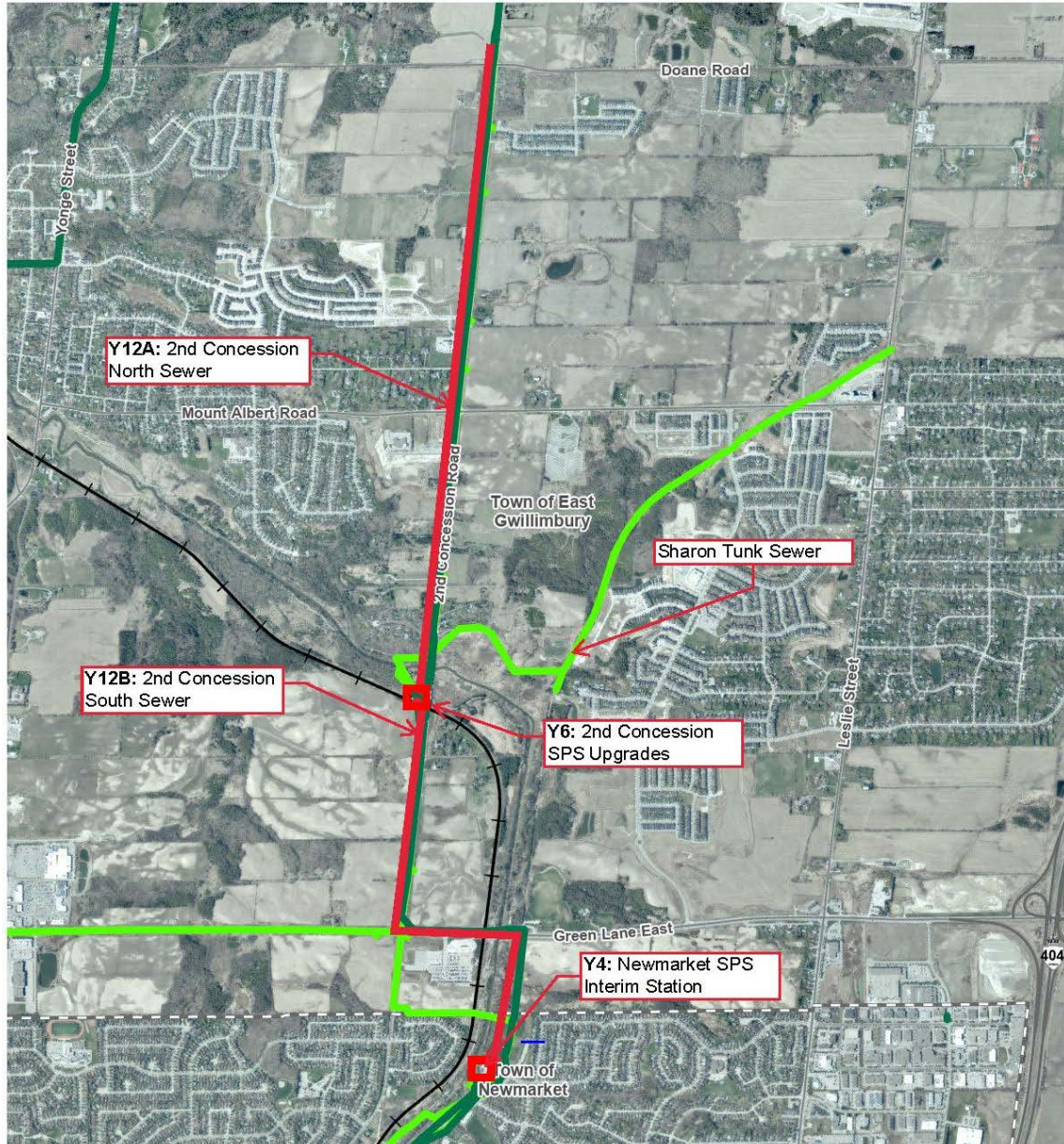
Milestones

Milestones	Completion Date
30% Design	Q3 2025
60% Design	Q1 2026
90% Design	Q4 2026
Substantial Completion	Q4 2028

Cost Estimate

Description	Amount (CAD 2023)
Total Construction Cost	\$45M
Property Acquisition	\$4M

Y6: 2nd Concession SPS Upgrade / Y12A: 2nd Concession North Gravity Sewer North/Y12B: 2nd Concession South Gravity Sewer Y4: Newmarket SPS Upgrade



Milestones

Milestones	Completion Date
30% Design	Q3 2025
60% Design	Q1 2026
90% Design	Q4 2026
Substantial Completion	Q4 2028

Cost Estimate

Description	Amount (CAD 2023)
Total Construction Cost	\$158M
Property Acquisition	\$15M

North YDSS Expansion - Progress Update

The North YDSS Expansion are progressing in the preliminary design stage:

- Completed initiation and planning, information collection and desktop studies
- Completed early stages of field investigations and environmental studies
- Commenced property acquisition process for critical properties within study area
- Engaging the general public, interested persons and Indigenous communities as the Project progresses
- Consultation with various levels of regulatory agencies to inform design
- Generating and evaluating engineering design alternatives

Next Steps

- Design activities are anticipated to progress through 2025 and 2026.
- Subsequent stages of field investigations (geotechnical/hydrogeological, environmental studies) to continue into spring 2026 to accommodate design needs.
- Property needs to be confirmed and procured as the Project progresses through various design stages.
- Consultation with various levels of regulatory agencies to inform design and construction planning including permits and approvals requirements.
- Engaging interested persons and Indigenous communities to finalize design.

Discussion

For more information, visit the York Region Sewage Works Project web page: york.ca/SewageWorks

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