

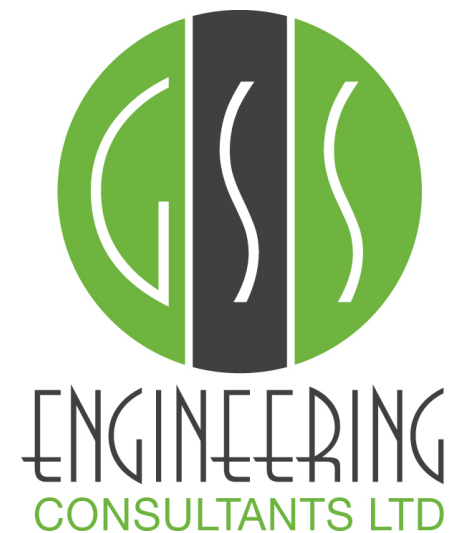
## OPERATIONS COMMITTEE MEETING

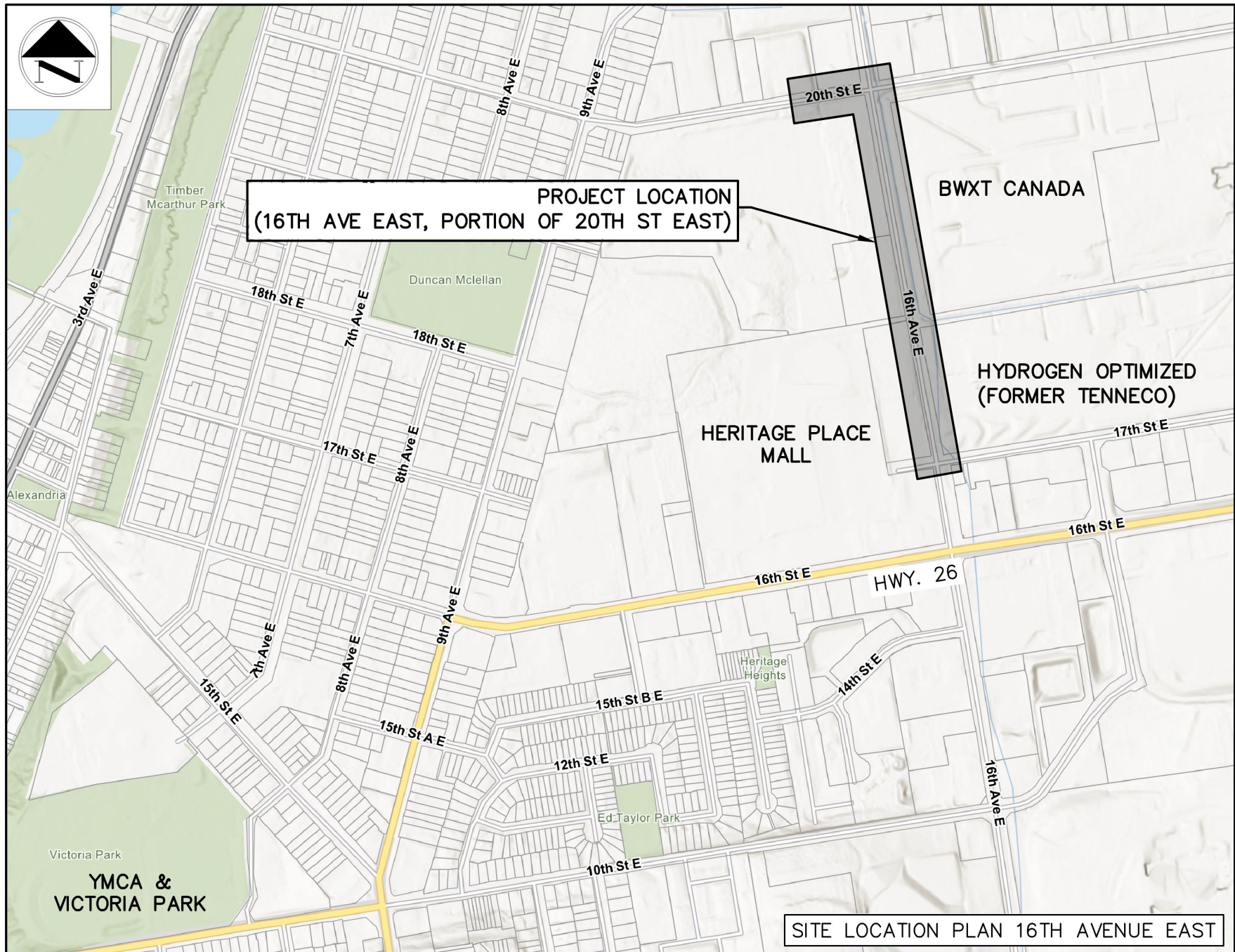
16<sup>th</sup> AVENUE EAST  
SANITARY SEWER  
REPLACEMENT PRESENTATION

CITY OF OWEN SOUND

Thursday - June 26th, 2025

25-015

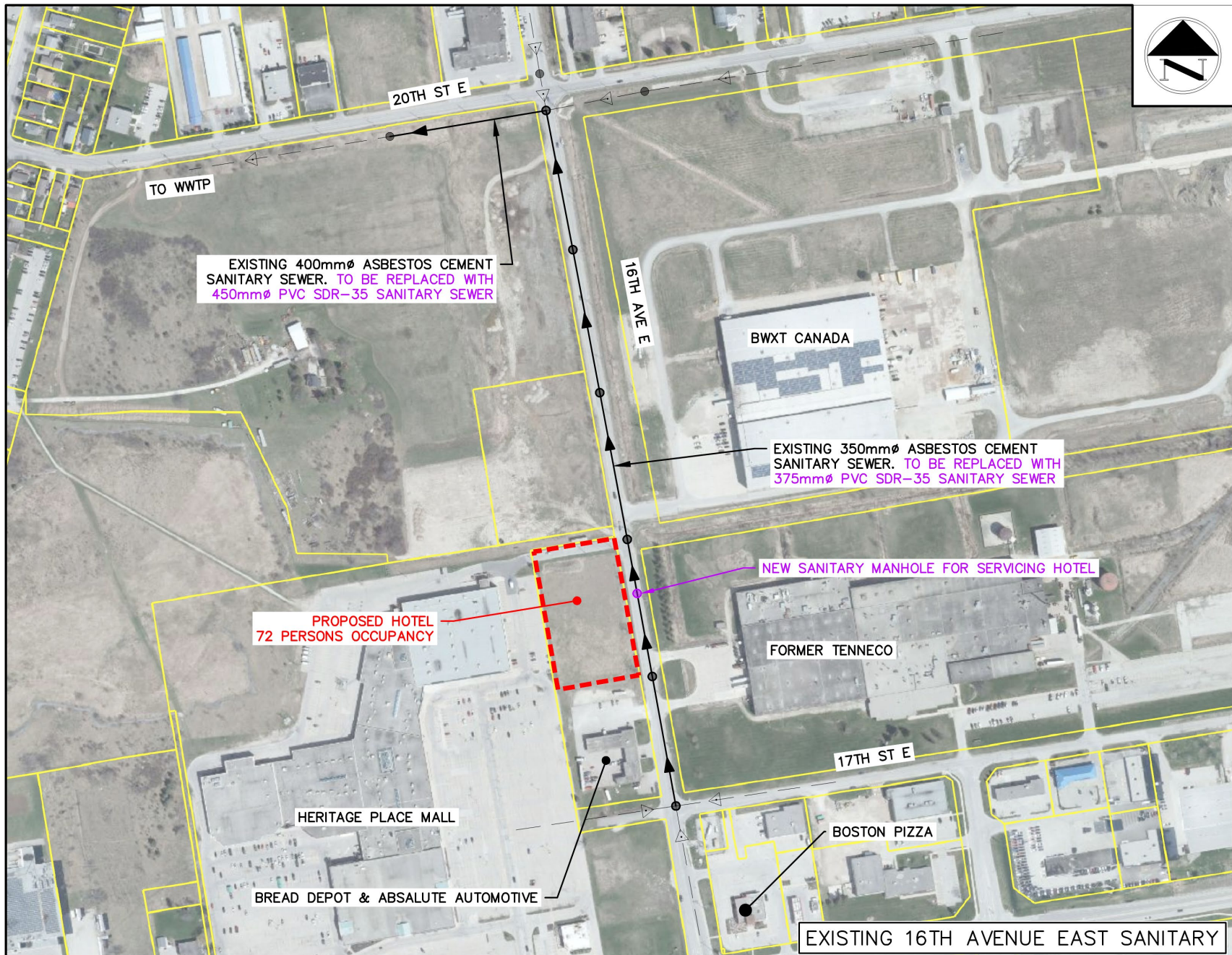




# PROJECT DESCRIPTION

- The existing sanitary sewer along 16th Street East has been previously found to be structurally deteriorated. This degradation is attributed to prolonged chemical exposure resulting from historical sewage discharges upstream. Over time, these chemicals have weakened the pipe material, compromising its structural integrity and long-term performance.
- The proposed sanitary sewer will be sized to accommodate growth and development in the area.
- The project area is affected by contaminated soils linked to historic, adjacent land use. Soil removal may be required to mitigate associated risks.





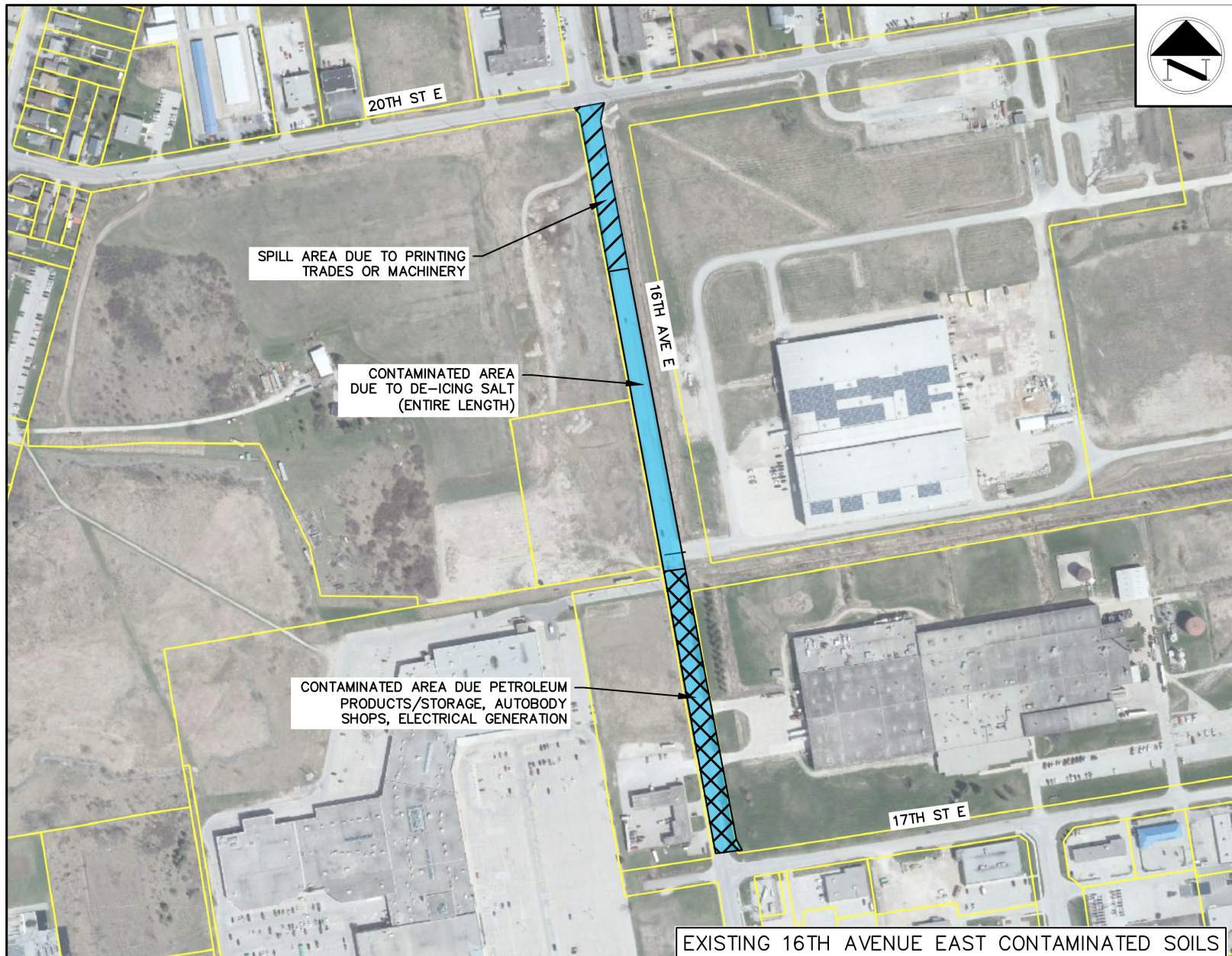
# SANITARY SEWER REPLACEMENT

- During the CCTV inspection of the existing sanitary sewer along 16th Avenue East, completed in August 2023, the majority of the sewers were found to be either flooded or exhibited significant structural deficiencies.
- The interior walls of the asbestos cement pipe had broken away, preventing the camera from advancing further into the main line





# CONTAMINATED SOILS (GEOTECHNICAL)



# CONSTRUCTION COST ESTIMATE (JUNE 2025)

Section 1 – General Requirements (including Contingency)	\$269,000.00
Section 2 – Sanitary Sewer	\$684,400.00
Section 3 – Watermain	\$49,600.00
Section 4 – Roadwork, Including Partial Re-Paving	\$652,250.00
Section 5 – Restoration	\$149,400.00
Total Cost Estimate	\$1,804,650.00

Note – the above costs do not include engineering costs. Total of \$104,040.00 excluding HST, for engineering design and construction management services. These costs exclude allowances for geotechnical and contaminant related environmental testing requirements.

# TENTATIVE PROJECT SCHEDULE

- Detailed Design : Completed June 4<sup>th</sup>, 2025
- Issuance of Tender : Issued June 10<sup>th</sup>, 2025
- Tender Close : July 7<sup>th</sup>, 2025
- Award of Construction Contract : July 21<sup>st</sup>, 2025
- Construction Commencement : August 5<sup>th</sup>, 2025
- Construction Substantial Completion : October 28<sup>th</sup>, 2025



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# Thank you for your time!

We would appreciate any questions.

