

**Shelburne Quarry
Proposal
Government Briefing
July 2021**



Who is Strada Aggregates?

Strada Aggregates

- Ontario-based
- Leading supplier of aggregate and recycled aggregate products in Ontario
- We safely operate 3 pits and 12 depots in Ontario
- We work closely with our host communities to minimize and manage the environmental effects of our operations



Strada sites across southern Ontario

What is Strada Proposing?

Proposed Aggregate Quarry

Located in the area of 4th Line and County Rd. 17 in Shelburne

The area contains the highest quality limestone used for aggregate in the province.

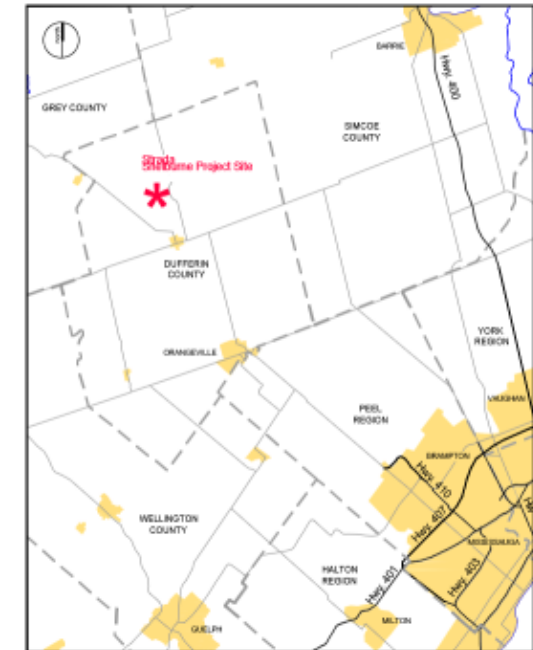
Project is in the early stages – more than a dozen technical studies are underway

Technical Studies initiated in 2020 and currently on-going to understand potential for bedrock extraction below existing gravel pit

If found to be feasible and a licence is granted, aggregate extraction would be completed in stages.

Areas that are extracted are then progressively rehabilitated.

The proposed quarry will require approvals under the *Aggregate Resources Act*



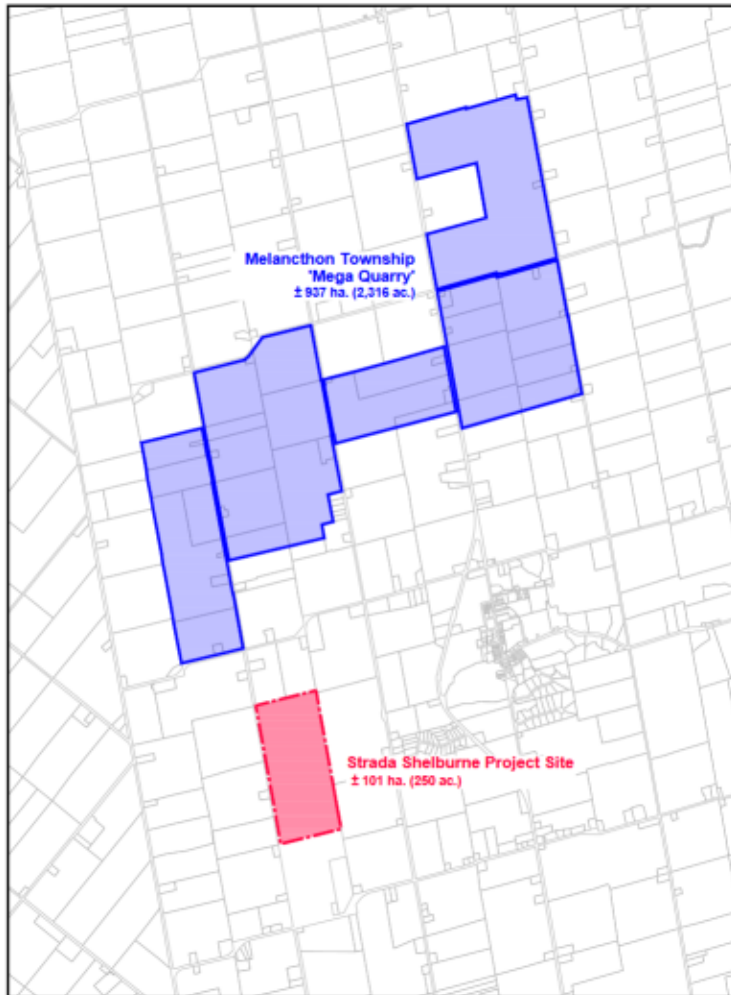
Proposed location for the Strada Quarry

Study Area and Project Location



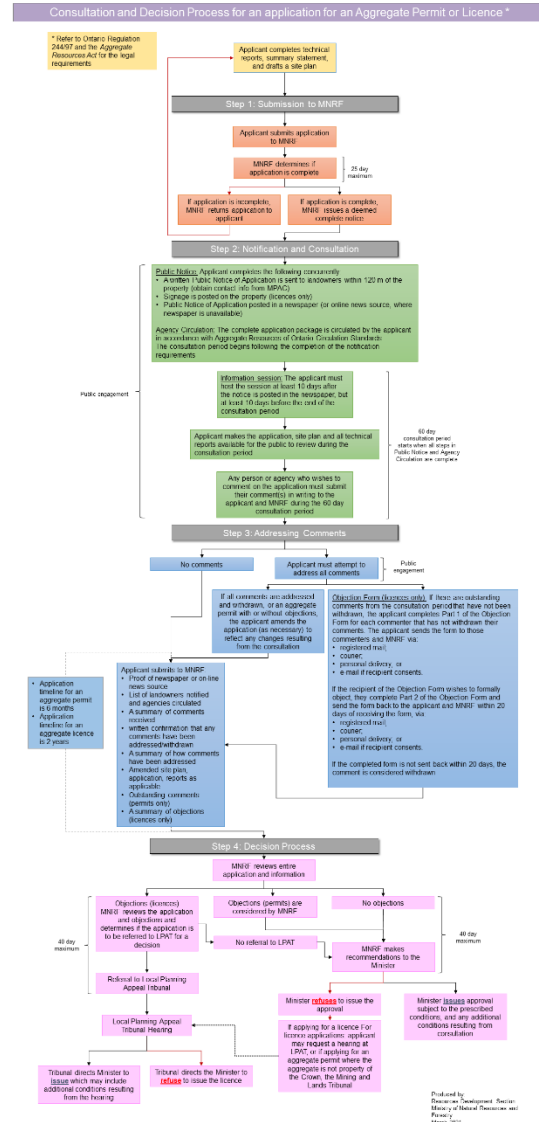
- Assessments and studies are being completed to understand the existing conditions and the potential of bedrock extraction below the water table.
- The project location reflects the boundaries of the existing gravel pit, totaling approximately 360 acres.
- Project Location is adjacent to both existing and historical aggregate extraction operations.
- The licence area and proposed extraction footprint are yet to be defined but would be set back from the current site boundary.
- Strada will keep the community informed as more information becomes available.

Melancthon Quarry Site Comparison



- The location is close to the former proposed “mega quarry”
- Strada’s proposed quarry is about 1/8th the size
- Mega quarry was planned at 2,316 acres vs. 360 acres
- Mega quarry proposed extraction of 10 million tonnes per year vs 2 million tonnes
- Mega quarry was planned on agricultural land vs an existing gravel pit

The Aggregate Resources Act Application Process



- Ontario's Aggregate Resources Act (ARA) is one of the most stringent aggregate application processes in the world
- The ARA sets out a comprehensive set of study requirements
- Requires detailed site plans with conditions and mitigation requirements
- Full agency review required
- Mandated public notice and consultation
- Indigenous duty to consult
- Unresolved objections (if any) decided by LPAT

Resource & Hydrogeology

Surface Water Resources

Natural Environment

Archaeology

Visual

Noise, Blasting and Air Quality

Cultural Heritage

Agricultural Land

Land Use Planning

Traffic

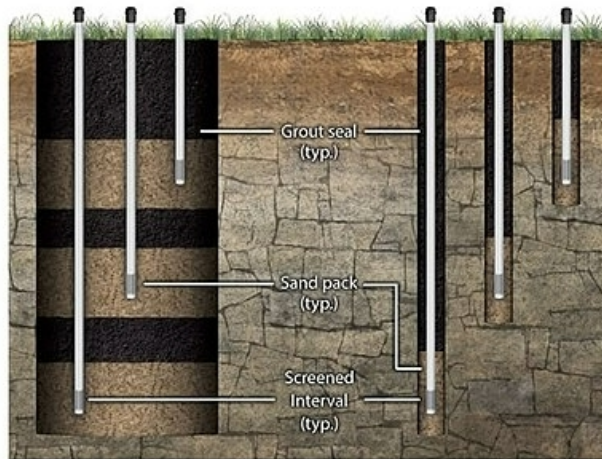
Purpose

- Assist in determining the potential of the project, characterize existing conditions, predict future conditions and support the required applications
- Assess potential effects of the project on the environment and the community, and identify if mitigation or management solutions are required.
- Ensure no adverse environmental effects from operations

Schedule

- Technical studies commenced in 2020 and will be on-going through 2021
- If technical reports support feasibility of site, a licence application would be likely in 2022.

Ensuring Water Quality



Nested Well

Well Cluster



- Strada's top priority is ensuring a quarry would have no adverse impact on surface or groundwater resources
- Strada has installed 31 monitoring wells to better understand existing groundwater conditions
- Studies will assess the potential effects of a quarry on the quality and quantity of water in surrounding water wells and natural environment
- Ontario's regulations protecting water near quarries are among the most stringent in the world
- Strada must show there will be no significant impacts on ground or surface water as a result of operations



- Long-term local employment -- 1000s of direct and indirect jobs over the lifetime of the quarry
- Material to support the residential and commercial building sector, as well as hospitals, schools, roads, highways, and other infrastructure
- Other sources of high-quality limestone were licensed in the 1960-80s and will not be available for much longer
- The Greater Toronto Area (GTA) uses over 50 million tonnes of aggregate annually, and demand is growing

The project is close-to-market to support local and GTA development and reduce environmental footprint



- Strada is committed to going above and beyond the requirements of the official review process
- Plan to engage the public early and often, and incorporating their feedback into the application
- Committed to providing fact-based information to the public when it becomes available
- Committed to working closely with the public and all levels of government to ensure a transparent application process

Timeline

- **Summer 2020** – Initiated field studies.
- **Mid 2021 and throughout 2021** – Meetings with Indigenous communities, local government representatives and the local community.
- **2022** – Study Completions
- **2022** – Potential application submission
- **Beyond 2021** – Continued engagement with all stakeholders outside of and within the official process, and when a licence is granted, on-going communication with the public.

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