

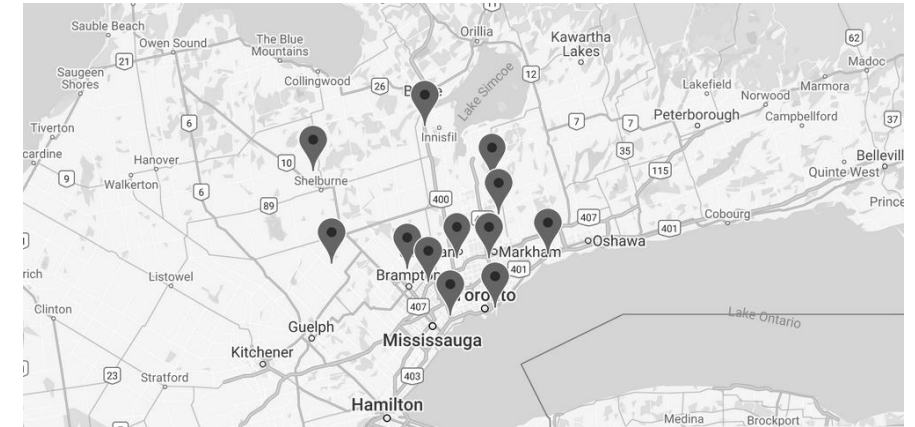
**Shelburne Quarry  
Proposal  
August 2021**



## 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 4<sup>th</sup> Line and County Rd. 17 in Shelburne

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

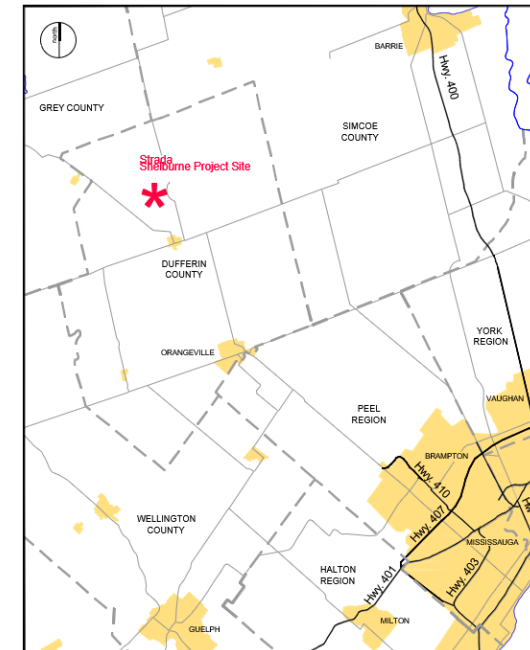
Project is in the early stages – more than a dozen technical studies are underway

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*



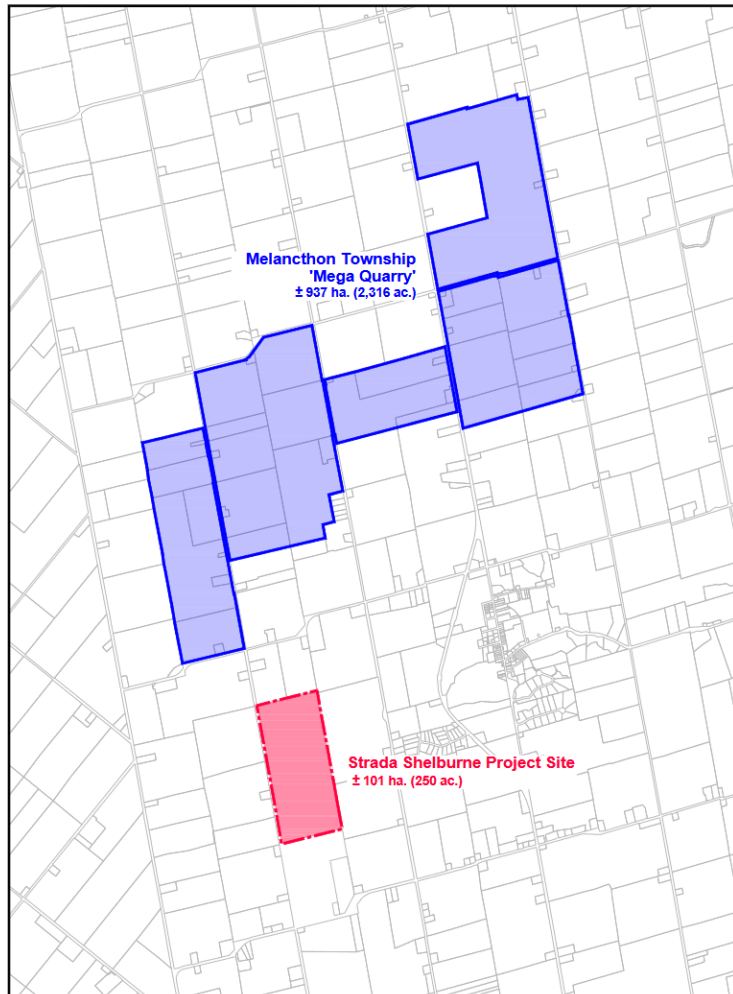
*Proposed location for the Strada Quarry*

## 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.

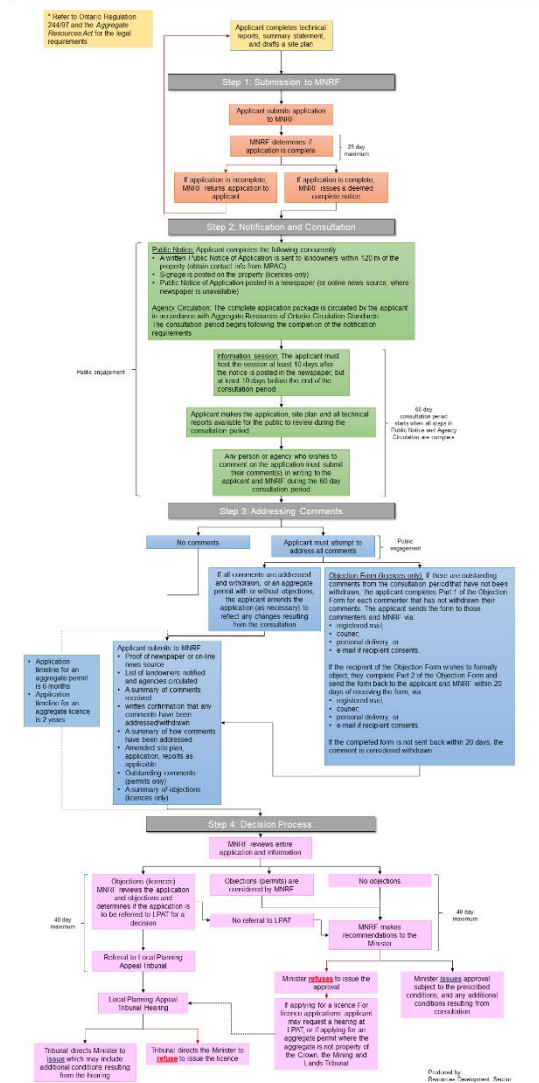
## Melancthon Quarry Site Comparison



- The location is close to the former proposed “mega quarry”
- Strada’s proposed quarry is about 1/8<sup>th</sup> 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

Consultation and Decision Process for an application for an Aggregate Permit or Licence \*



- 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

## Technical Studies

Resource & Hydrogeology

Surface Water Resources

Natural Environment

Archaeology

Visual

Noise, Blasting and Air Quality

Cultural Heritage

Agricultural Land

Land Use Planning

Traffic

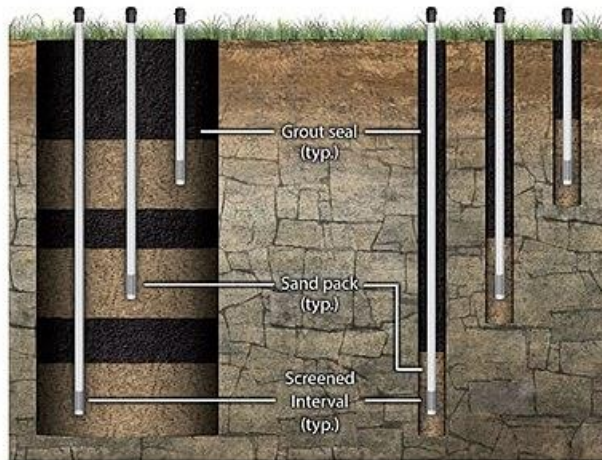
### Purpose

- 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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