

PUBLIC COMMUNICATION PLAN

GRAND TRUNK AVENUE AND MURET CRESCENT SERVICING CONSTRUCTION

City of Vaughan

Project: 2020-4997

May 2024



SCHAEFFERS
CONSULTING ENGINEERS

6 Ronrose Drive
Concord, Ontario L4K 4R3

Table of Contents

1.0 INTRODUCTION.....	2
1.1 General Information	2
1.2 Schedule	2
2.0 PURPOSE.....	3
3.0 DESCRIPTION OF CLOSURES AND DETOURS.....	3
3.1 Temporary Road Closure	3
3.2 Detours	4
3.3 Reasons for Temporary Road Closure	5
3.3.1 Safety	5
3.3.2 Construction Restrictions.....	5
3.3.3 Speed and Quality	6
3.3.4 Economic and Traffic Benefits.....	6
4.0 RESPONSIBILITIES.....	7
4.1 General Contractor	7
4.2 Engineering Consultant	7
4.3 City of Vaughan	7
4.4 Geotechnical Consultant.....	7
5.0 COMMUNICATION PLAN.....	8
5.1 Target Audience	8
5.2 Communication Methods	8
5.3 Implementation.....	8
5.4 Project Team Contacts	10
5.5 Emergency Contact Information	10

Figures

Figure 1: Grand Trunk Detour Identification Plan

Figure 2: Muret Detour Identification Plan

Figure 3: Notice Distribution Plan

Enclosures

Notification of Construction – Grand Trunk Avenue 1

Notification of Construction – Grand Trunk Avenue 2

Notification of Construction – Muret Crescent

Traffic Control Plan – Phase 1 Muret Crescent (TC-1)

Traffic Control Plan – Phase 2 Grand Trunk Ave. (TC-2)

Traffic Control Plan – Phase 3 Grand Trunk Ave. (TC-3)

1.0 INTRODUCTION

As part of the Residential Subdivision Development Project, **Grand Trunk Avenue** and **Muret Crescent** will require a temporary road closure to install new storm and sanitary sewers within the roadways and storm, sanitary, and water service connections for the proposed residential development. Temporary Road closure is required along **Grand Trunk Avenue** between **Freedom Trail** and **Barletta Drive**, and along **Muret Crescent**, between **Grand Trunk Avenue** and **Savona Place**.

This Public Communication Plan has been prepared by Schaeffer & Associates Ltd., on behalf of Block 18 Properties Inc. to describe the communication process required to inform residents, emergency services, and other affected parties of the construction works within **Grand Trunk Avenue** and **Muret Crescent**.

1.1 General Information

Grand Trunk Avenue

This portion of **Grand Trunk Avenue** is a two-lane minor collector city road. Existing storm and sanitary sewers are located along the existing roadways and an existing watermain is located in the west boulevard. The proposed residential development will require the construction of new storm and sanitary sewers on **Grand Trunk Avenue**, and storm, sanitary and water service connections to the lots fronting **Grand Trunk Avenue**.

Muret Crescent

This portion of **Muret Crescent** is a two-lane local city road. Existing storm and sanitary sewers are located along the existing roadway and an existing watermain located in the north boulevards. The proposed residential development will require the construction of new storm and sanitary sewers and manholes on **Muret Crescent**, and storm, sanitary and water services connections to the lots fronting **Muret Crescent**.

In order to carry out construction in a safe, economical, and timely manner, temporary full closure of **Grand Trunk Avenue**, between **Freedom Trail** and **Barletta Drive**, and temporary full closure of **Muret Crescent**, between **Grand Trunk Avenue** and **Savona Place** is required.

1.2 Schedule

Construction on Grand Trunk Avenue and Muret Crescent

The construction of underground services and restoration works within Grand Trunk Avenue and Muret Crescent will require temporary full road closures in 3 phases, from July 2nd - August 15th, 2024. Breakdown of closure dates for each section of road can be found below.

2.0 PURPOSE

The purpose of this document is to describe the planned communication process and to inform the public about the construction works as well as the proposed temporary closure of Grand Trunk Avenue, between Freedom Trail and Barletta Drive, and Muret Crescent, between Grand Trunk Avenue and Savona Place, required to safely complete the installation of new municipal services. More specifically, the purpose of this document is:

- To provide a document for communications and public relations support;
- To provide suitable communication opportunities and effective advertising materials;
- To inform the public of the proposed construction works;
- To provide the project team members with the information and tools to effectively communicate the proposed works with residents, emergency services, transit, utility companies, schools and commercial parties;
- To develop a plan for distributing notices regarding the proposed works; and
- To provide local property owners with key project information in order to alleviate the impact of the construction works on the local community.

3.0 DESCRIPTION OF CLOSURES AND DETOURS

3.1 *Temporary Road Closures*

The scope of work to be done during the temporary road closures are as follows;

- New storm and sanitary sewers will be constructed, and storm, sanitary and water servicing connections installed within Grand Trunk Avenue, between Freedom Trail and Barletta Drive to service the Residential development.
- New storm and sanitary sewers will be constructed, and storm, sanitary and water services installed within Muret Crescent, between Grand Trunk Avenue and Savona Place, to service the Residential development.

In order to carry out construction in a safe and timely manner, a temporary full road closure is to occur on;

- **Grand Trunk Avenue, between Freedom Trail and Barletta Drive.** The closures will take place in 2 phases. Closure between Barletta and Sand Valley will occur from July 24th – July 31st, 2024. Closure between Sand Valley and 100m north of Sand Valley will occur from August 1st – August 15th, 2024.

The total length of road closure on Grand Trunk Avenue will be approximately 170m, completed in 2 phases to maintain traffic on Sand Valley Street. **Figure 1** (Grand Trunk Detour Identification Plans) enclosed below illustrates the location of construction and extent of proposed road closure area. **Figure 1** (Grand Trunk Detour Identification Plans) also illustrates the proposed vehicular detour routes associated with the road closure.

- **Muret Crescent**, between **Grand Trunk Avenue** and **Savona Place**. The closures will take place from July 2nd - July 23rd, 2024.

The total length of road closure on Grand Trunk Avenue will be approximately 120m. **Figure 2** (Muret Detour Identification Plan) enclosed below illustrates the location of construction and extent of proposed road closure area. **Figure 2** (Muret Detour Identification Plan) also illustrates the proposed vehicular detour routes associated with the road closure.

3.2 Detours

Grand Trunk Avenue

The construction of storm and sanitary sewers, and installation of service connections within Grand Trunk Avenue will be completed in a phased manner to maintain traffic on Sand Valley Street. During construction, traffic will be routed according to the detour plans presented in **Figure 1** (Grand Trunk Detour Identification Plans). The first phase of road closure on Grand Trunk Avenue will be between Barletta Drive and Sand Valley Road, the second phase will be between Sand Valley Road and Freedom Trail.

During the first closure phase, traffic needing to head northbound on Grand Trunk Avenue will follow the detour signs and be directed west on Barletta Drive towards the intersection of Barletta Drive and Oberfrick Avenue. The detours will then guide traffic north through Oberfrick Avenue towards Sand Valley Street, where they can turn east on Sand Valley Street towards Grand Trunk Avenue where they will be directed north and end up back on Grand Trunk Avenue.

Traffic heading southbound on Grand Trunk Avenue will follow detours on the same roads, starting by heading west on Sand Valley Road and then south using Oberfrick Avenue. Traffic will then be guided east towards Grand Trunk Avenue.

During the second closure phase, traffic needing to head northbound on Grand Trunk will follow the detour signs and be directed west on Sand Valley Road towards Brunel Street. Traffic will then follow the detour north on Brunel Street towards Freedom Trail, where they can turn east to end up back at Grand Trunk Avenue.

Traffic heading southbound on Grand Trunk Avenue will follow detours on the same road, starting by heading west on Freedom Trail and then south on Brunel Street. Traffic will then be guided east on Sand Valley Road back towards Grand Valley Road.

Placement of the signs indicating the road closure can be found in the Engineering Drawing (TC-2 & TC-3) attached in the **Enclosures** for reference.

Muret Crescent

During the construction of storm and sanitary sewers, and installation of service connections within Muret Crescent, traffic will be routed according to the detour plan presented in **Figure 2** (Muret Detour Identification Plan). Access to Muret Crescent from Grand Trunk Avenue will be restricted during the construction works. Access to Muret Crescent will need to be from Savona Place or Muret Crescent intersection with Grand Trunk/Riverhill Drive to the south.

Traffic heading northbound on Grand Trunk Avenue towards Muret Crescent will follow the detour signs and be directed east on Savona Place towards Muret Crescent.

Traffic heading southbound on Grand Trunk Avenue needing access to Muret Crescent will follow detours on the same roads, starting by heading south on Grand Trunk Avenue, past the road closure at Muret Crescent, turning east on Savona Place towards Muret Crescent.

Placement of the signs indicating the road closure can be found in the Engineering Drawing (TC-1) attached in the **Enclosures** for reference.

3.3 Reasons for Temporary Road Closure

3.3.1 Safety

The safety of the workers and nearby residents is of the highest priority and the temporary road closure is a crucial step in achieving this. Temporary road closures would establish an isolated work environment for the contractor, resulting in a safe work environment for the workers and the general public.

3.3.2 Construction Restrictions

Road closures are necessary for the construction of the storm and sanitary sewers and service connections. Large machinery and support equipment, such as dump trucks, are required to transport and utilize the material needed and complete the construction for this project. However, there is not enough space on the relevant roadways to accommodate local traffic while continuing operations and performing the construction.

3.3.3 Speed and Quality

Temporary closures of the roads would expedite the construction process and provide a better finished product for the City of Vaughan. With the closures in place, the contractor is able to schedule the necessary operations at a much quicker pace and accelerate the construction of the new systems, therefore, minimizing disruptions and inconveniences to local residents and the general public. In addition to this, the closures would eliminate the need to excavate and restore the work zone on a daily basis, speeding up the construction process.

3.3.4 Economic and Traffic Benefits

The residential construction in this location will increase the economic benefits and provide housing for residents. The City will benefit from the property tax generated by the development.

4.0 RESPONSIBILITIES

This section describes the responsibilities of each participating party to the public communication process.

4.1 General Contractor

The General Contractor (To Be Selected) will assume the responsibility of supplying and installing all signage as shown on the Traffic Control Detour Plans (TC-1, TC-2, TC-3). In addition, the General Contractor will ensure all work is carried out in accordance with the requirements of the Ontario Traffic Manual Book 7. The General Contractor will be responsible for notifying the Consultant of any changes to the site conditions or the construction schedule which may impact the strategies presented in this Public Communication Plan.

4.2 Engineering Consultant

Schaeffer & Associates Ltd. will be the Consultant for this project and will serve as the primary contact for the City of Vaughan and the public. The Consultant will monitor the Contractor's operations and ensure the General Contractor's conformance to the policies presented in this plan.

4.3 City of Vaughan

The City of Vaughan has been circulated the Traffic Detour Plans (TC-1, TC-2, TC-3). Information prepared to communicate with those affected will be available at the Vaughan Contact Centre.

4.4 Geotechnical Consultant

The Owner has retained EXP Services Inc. to complete the necessary sampling and testing of the new municipal infrastructure in accordance with City specifications prior to the reopening of the road to the public.

5.0 COMMUNICATION PLAN

5.1 Target Audience

The target audiences for the Construction Public Communication Plan include:

Internal

- Project Team Members;
- General Contractor;
- Vaughan Operations Department.

External

- Local Property Owners;
- Public Transit Services;
- Public Utilities;
- Canada Post;
- Emergency Services (Fire, Police, Ambulance, etc.).
- Local Schools

5.2 Communication Methods

Communication methods for this project are as follows:

- Public Notices – Hand delivered or by mail to local property owners;
- Public Notice Signs;
- Project Construction Signs;
- Road Closure Signs
- Pre-Construction Meeting with the City, Contractor, and Consultant.

5.3 Implementation

Public Notices

The proposed Public Notices are listed below along with corresponding timeline for each notification.

An all encompassing **Notice of Construction** will be distributed to:

- Emergency Services;
- Local Property Owners;
- Public Transit Services;

- Public Utilities; and
- Canada Post.
- Local Schools

This notice will provide the important information regarding the type of construction, construction timeline, and contact information. The Notice of Construction will be distributed prior to the start of construction to the property owners within the area outlined in **Figure 3** (Notice Distribution Plan).

Furthermore, transit routes have been cross-checked with the YRT System Map and no bus routes will be affected by the closures.

Public Notice Signage

Signs containing information about the temporary road closure will be posted prior to the start of the construction.

Project and Construction Signage

The General Contractor will install traffic control signs, construction signs, and barricades in accordance with the approved Traffic Control Plan attached in the **Enclosures** and the Ontario Traffic Manual Book 7. All traffic control measures will be installed immediately prior to start of construction. The Contractor should recognize that traffic control measures may require modification during the course of construction to accommodate unforeseen or changing site conditions, as determined by the Consulting Engineer and the City of Vaughan. The General Contractor shall immediately notify Schaeffer & Associates Ltd. and the City of Vaughan of any changes to the schedule or proposed traffic control measures presented in this document.

5.4 Project Team Contacts

Consultant Contacts

Vijay Gupta

Principal
Schaeffer & Associates Ltd.
6 Ronrose Drive
Concord, Ontario
L4K 4R3
(905) 738-6100 ext. 226
vgupta@schaeffers.com

Glen Conely

Senior Project Engineer
Schaeffer & Associates Ltd.
6 Ronrose Drive
Concord, Ontario
L4K 4R3
(905) 738-6100 ext. 235
rdenmings@schaeffers.com

City of Vaughan Contact

Access Vaughan

2141 Major Mackenzie Dr.
Vaughan, Ontario
L6A 1T1
(905) 832-2281
accessvaughan@vaughan.ca

5.5 Emergency Contact Information

The following individual is the key contact for the project, also appointed as an emergency contact, and will be available during the duration of road closure.

Contractor

To Be Selected

ENCLOSURES

GRAND TRUNK AVE.
SERVICING
CONSTRUCTION
CITY OF VAUGHAN



SCHAEFFERS

CONSULTING ENGINEERS

6 Ronrose Drive
Concord, Ontario L4K 4R3

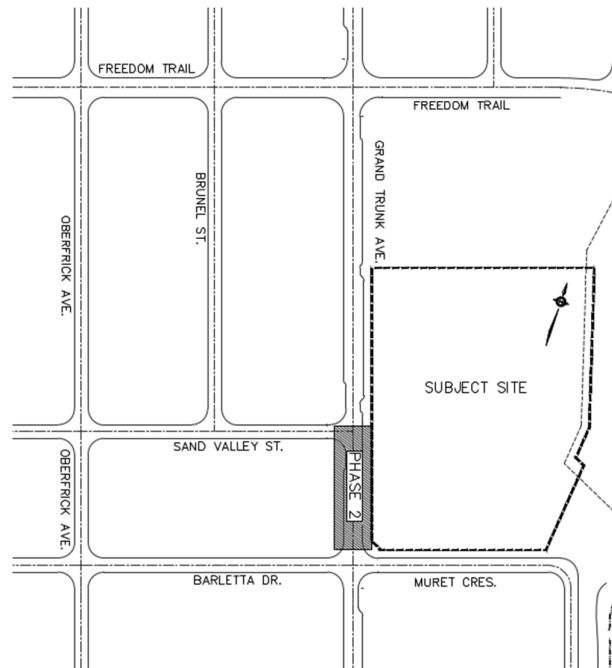
Tel:(905)738-6100

Email:general@schaeffers.com

Fax: (905)738-6875

NOTICE TO RESIDENTS

GRAND TRUNK AVENUE TEMPORARY ROAD CLOSURE 1



Dear Property Owner or Tenant:

Please be advised that Grand Trunk Avenue will be closed from Barletta Drive to Sand Valley Road from July 24th 2024 to July 31st 2024 for the installation of underground water connections, sanitary sewers and storm sewers to complete the servicing of this section of the road. Public access to your property and business will be available from Grand Trunk Avenue by using the posted detour routes along Barletta Dr, Oberfrick Ave. and Sand Valley St. during this time.

Thank you in advance for your cooperation and understanding. For further information or concerns, you may contact Schaeffer's consulting Engineers, at (905) 738-6100 and speak with Glen Conely.



SCHAEFFERS
CONSULTING ENGINEERS

GRAND TRUNK AVE.
SERVICING
CONSTRUCTION
CITY OF VAUGHAN



SCHAEFFERS

CONSULTING ENGINEERS

6 Ronrose Drive
Concord, Ontario L4K 4R3

Tel: (905) 738-6100

Email: general@schaeffers.com

Fax: (905) 738-6875

NOTICE TO RESIDENTS

GRAND TRUNK AVENUE TEMPORARY ROAD CLOSURE 2



Dear Property Owner or Tenant:

Please be advised that Grand Trunk Avenue will be closed from Sand Valley Street to approximately 100m north from August 1st 2024 to August 15th 2024 for the installation of underground water connections, sanitary sewers and storm sewers to complete the servicing of this section of the road. Public access to your property and business will be available from Grand Trunk Avenue by using the posted detour routes along Sand Valley St, Brunel St. and Freedom Trail during this time.

Thank you in advance for your cooperation and understanding. For further information or concerns, you may contact Schaeffer's consulting Engineers, at (905) 738-6100 and speak with Glen Conely.

MURET CRESCENT
SERVICING
CONSTRUCTION
CITY OF VAUGHAN



SCHAEFFERS
CONSULTING ENGINEERS

6 Ronrose Drive
Concord, Ontario L4K 4R3

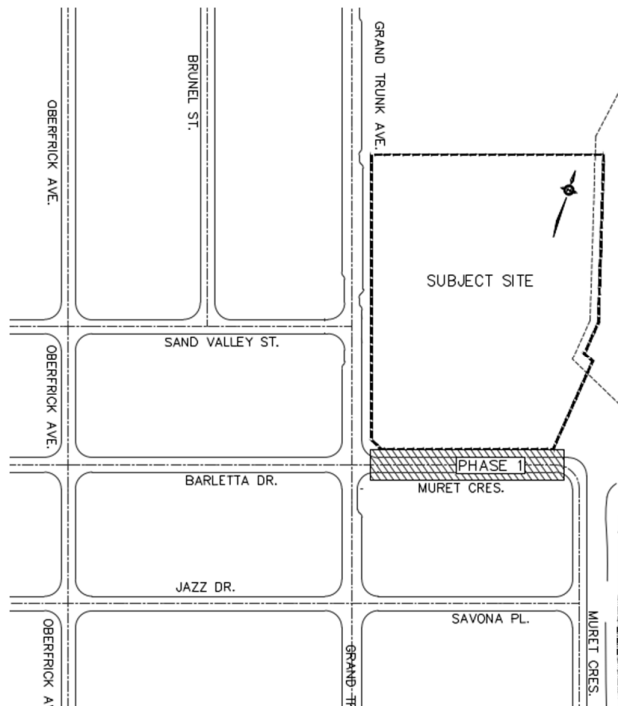
Tel: (905) 738-6100

Email: general@schaeffers.com

Fax: (905) 738-6875

NOTICE TO RESIDENTS

MURET CRESCENT TEMPORARY ROAD CLOSURE



Dear Property Owner or Tenant:

Please be advised that Muret Crescent will be closed from Grand Trunk Avenue to approximately 120m east from July 2nd 2024 to July 23rd 2024 for the installation of underground water connections, sanitary sewers and storm sewers to complete the servicing of this section of the road. Public access to your property and business will only be available by using Savona Place or Muret Cres. and Grand Trunk south intersection during this time.

Thank you in advance for your cooperation and understanding. For further information or concerns, you may contact Schaeffer's consulting Engineers, at (905) 738-6100 and speak with Glen Conely.

