

**Ministry of the Solicitor General**

Public Safety Division

25 Grosvenor St.  
12<sup>th</sup> Floor  
Toronto ON M7A 2H3Telephone: (416) 314-3377  
Facsimile: (416) 314-4037**Ministère du Solliciteur général**

Division de la sécurité publique

25 rue Grosvenor  
12<sup>e</sup> étage  
Toronto ON M7A 2H3Téléphone: (416) 314-3377  
Télécopieur: (416) 314-4037

**MEMORANDUM TO:** All Chiefs of Police and  
Commissioner Thomas Carrique  
Chairs, Police Services Boards

**FROM:** Richard Stubbings  
Assistant Deputy Minister  
Public Safety Division

**SUBJECT:** **New regulation under the Highway Traffic Act to allow  
for a Large Quadricycle pilot**

<b>DATE OF ISSUE:</b>	<b>May 4, 2022</b>
<b>CLASSIFICATION:</b>	<b>General Information</b>
<b>RETENTION:</b>	<b>Indefinite</b>
<b>INDEX NO.:</b>	<b>22-0049</b>
<b>PRIORITY:</b>	<b>Normal</b>

At the request of the Ministry of Transportation, I am sharing a communication regarding a new regulation under the *Highway Traffic Act*, [O. Reg. 411/22: PILOT PROJECT - LARGE QUADRICYCLES \(ontario.ca\)](#), establishing a ten-year pilot project to allow the use of large quadricycles on Ontario roads, that came into effect on April 21, 2022.

For further information, please review the attached memo from Parm Bhatthal, Assistant Deputy Minister (A), Transportation Safety Division, Ministry of Transportation.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Stubbings".

Richard Stubbings  
Assistant Deputy Minister  
Public Safety Division

Attachment

c: Mario Di Tommaso, O.O.M.  
Deputy Solicitor General, Community Safety

**Ministry of Transportation      Ministère des Transports**

Transportation Safety Division      Division de la sécurité en matière de transport

87 Sir William Hearst Avenue      87, avenue Sir William Hearst  
Room 191      bureau 191

Toronto ON M3M 0B4      Toronto ON M3M 0B4

**MEMORANDUM TO:**      Richard Stubbings  
Assistant Deputy Minister  
Public Safety Division  
Ministry of the Solicitor General

**FROM:**      Parm Bhatthal  
Assistant Deputy Minister (A)  
Transportation Safety Division  
Ministry of Transportation

**DATE:**      May 3, 2022

**SUBJECT:**      **New regulation under the *Highway Traffic Act* to allow for a  
Large Quadricycle pilot**

---

This memorandum is to advise the policing community of regulatory changes under the *Highway Traffic Act* (HTA).

Effective April 21, 2022, a new regulation, - [O. Reg. 411/22: PILOT PROJECT - LARGE QUADRICYCLES \(ontario.ca\)](#) establishes a ten-year pilot project to allow the use of large quadricycles on Ontario roads. Large quadricycles are large vehicles that are used to carry as many as 20 riders (19 passengers, one operator). They are primarily used to provide tours of landmarks, breweries, and wineries. There are two types of large quadricycles:

1. Large non-electric quadricycles that are propelled by the passengers pedaling. The operator steers the vehicle and controls the braking system, and
2. Large electric quadricycles that use power assistance up to 10km/h - both when passengers are pedaling and/or through the operator's control of a push pedal, similar to a car.

Electric-assisted large quadricycles, in addition to non-electric large quadricycles, will be permitted in any municipality across the province that chooses to pass a by-law to enable their use. The electric-assisted large quadricycles are considered motor vehicles and are being exempted from registration and insurance. Non-electric versions of these vehicles are currently permitted on Ontario's roads and have been in operation in a few municipalities. Please refer to *Appendix A* for a detailed list of operation and vehicle requirements under the pilot framework.

### **Collisions/Contraventions:**

Police must remit incident/collision and injury-related data to the Registrar within 10 days of a collision if the collision or accident involved a motor vehicle and resulted in personal injuries or damage to property above \$2000.00 or involved the door of a motor vehicle that came into contact with a cyclist, bicycle or a moving vehicle.

All persons riding on a large quadricycle are required to comply with the rules for wearing safety helmets that apply to persons riding on bicycles. This means cyclists under the age of 18 must wear an approved helmet (HTA s.104 (2.1)) and for children 16 and under, a parent or guardian must make sure they wear a helmet (HTA s.104 (2.2)).

Contraventions of the pilot may be enforced under HTA s. 228 (8), which sets out a fine amount on conviction of not less than \$250 and not more than \$2,500. All existing HTA rules of the road and penalties also apply to an electric-assisted large quadricycles as these vehicles are motor vehicles under the HTA. HTA rules of the road that apply to vehicles will also generally apply to non-electric large quadricycles. However, operators of both types of large quadricycles are required to comply with s. 33.

Please note that large quadricycles, despite carrying more than 10 passengers do not need to meet the requirements to stop at a railway crossing under s.174. Large quadricycles are also exempt from s. 132. In addition, the impaired driving prohibitions under the *Criminal Code (Canada)* apply to electric assist large quadricycles as these vehicles meet the definition of motor vehicle under the Criminal Code. Municipalities may also impose further restrictions if required via by-laws.

The pilot will operate for a ten-year period and the ministry will monitor data available from the pilot throughout its lifecycle to determine if any changes will need to be made. The ministry will also conduct a formal review at both the 5<sup>th</sup> and 10<sup>th</sup> year anniversary, so we encourage enforcement to provide any feedback to MTO ahead of these review times.

I would ask that you please bring this memorandum to the attention of your policing stakeholders. If there are any questions regarding these amendments, please do not hesitate to contact Sabina Filipescu at (647) 285-5087 or [Sabina.Filipescu@ontario.ca](mailto:Sabina.Filipescu@ontario.ca).

Thank you for your assistance in communicating this change.

Sincerely,



Parm Bhatthal  
Assistant Deputy Minister (A)  
Transportation Safety Division

cc Sabina Filipescu, Manager, Road Safety Program Development Office, Ministry of Transportation

## Appendix A: Large Quadricycles Pilot Framework and Images

Legal Parameters	Operating Requirements	Vehicle Requirements
<ul style="list-style-type: none"> <li>• 10-year pilot</li> <li>• Municipalities must pass by-law to allow electric-assist large quadricycles on-road in their municipality</li> <li>• Municipalities must inform the province if they join the pilot.</li> <li>• Municipalities to remit data to the province annually</li> <li>• No towing</li> <li>• Cannot be used for a road test</li> <li>• Required to display a slow-moving vehicle sign</li> <li>• All HTA rules of the road and penalties will apply to the operation of electric assist large quadricycles on-road.</li> <li>• Penalties in HTA s. 228(8) will also apply to violations of pilot regulation (fine of \$250 to \$2,500)</li> </ul>	<ul style="list-style-type: none"> <li>• Valid A, B, C, D, E, F or G licence for operator</li> <li>• Peddling passengers do not require a licence</li> <li>• Number of passengers allowed based on seating positions available</li> <li>• Passengers of all ages allowed as long as their feet can reach pedals and hands reach the shelf</li> <li>• A person who is under 18 must wear an approved bicycle helmet</li> <li>• Maximum road speed limit of 80 km/h</li> <li>• Can be operated at any time of the day and throughout the year</li> <li>• During the period that begins one half-hour before sunset and ends one half-hour after sunrise, vehicles are required to have adequate nighttime lighting</li> <li>• To be operated in the right-most lane</li> <li>• No vehicle registration required</li> <li>• No automobile insurance required</li> </ul>	<ul style="list-style-type: none"> <li>• Maximum operating speed of 16 km/h on a level surface.</li> <li>• Maximum weight 1150 kgs, 5.7m length, 2.3m wide and 2.9m tall</li> <li>• Keep the vehicle in a good working order and conduct any necessary maintenance.</li> </ul> <p><b>Safety equipment requirements:</b> Minimum of four wheels, odometer and speedometer, pedals, brakes, parking or emergency brakes, rear-view mirror, horn/bell, good quality tires that satisfy the regulations (625), headlights, taillights, reflectors, turn signals, four-way flashers, brake lights</p>



**Large Quadricycle (also known as Pedal Pub)**