



# McNicoll Bus Garage

## Community Update Summer 2019

## McNicoll Bus Garage on schedule for completion in 2020.

Construction continued as planned at the McNicoll Bus Garage over the winter. Dozens of workers were involved in enclosing the structure before the inclement weather arrived. This allowed crews to begin interior work and keep the project on schedule. The building is due for completion by mid-next year, and operational by the end of 2020.

## Construction – what to expect this summer.



Construction of thermal wall

The majority of the building envelope (exterior shell) is complete and work will begin to shift to the interior elements including the bus storage bays, offices and the mechanical and electrical rooms. Through this summer, there will be a significant amount of paving around the facility, including the parking lot and main entrance to the building.

With earthworks substantively completed, there will be less dust than last summer. The contractor will continue to operate a streetsweeper and take other necessary measures to keep dust levels down, and local roads clean.

The soundwall that is designed to screen noise from surrounding neighbours is also scheduled to be built this fall.

## More about McNicoll

The McNicoll Bus Garage is the TTC's eighth bus maintenance facility, each of them located in strategic areas across the city to maximize operational efficiency of our service. Once the McNicoll Bus Garage is fully operational, the facility will have the capacity to store and maintain up to 250 buses.



Aerial view of McNicoll Bus Garage



# Green features

## Green features include:

- Storm water retention with a reservoir having a capacity of greater than that of an Olympic-sized pool. This limits the rate of water entering the sewer system.
- Roof-top solar panels to power HVAC and lighting in the administrative area.
- Largest green roof in the city of Toronto.
- Solar wall to maximize heat to the building through winter and keep it cool through summer.
- Plenty of glass to allow natural light and reduce energy consumption.
- Bird-friendly glass.
- More than 350 new trees on site.
- Thermal wall off-sets 5% of the facility's energy consumption.



Storm water system

## Modernizing TTC – Buses going green



New TTC clean diesel bus

- As part of the TTC's commitment to modernizing service and reducing greenhouse gas emissions, 625 new buses are being added to the fleet in 2018 and 2019, including clean diesels and hybrids. Not only do these vehicles have lower greenhouse gas emissions, but they are also more fuel efficient.
- New buses are now equipped with safety-sensitive-edge doors, which alert the operator of any obstructions when closed.
- One articulated bus (18m) at full capacity takes the place of 70 single occupancy cars. The clean-diesel bus produces less than 10% the emissions per passenger than a personal vehicle.



# Construction progress

Current

2020

Front entrance starting to take shape

Current

2020

Canopy and sound wall to dampen noise

Current

2020

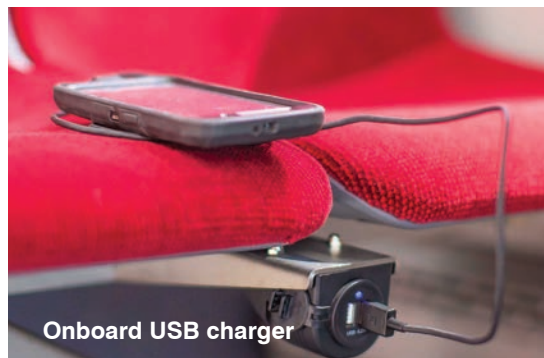
Bus storage areas with a capacity for 250 buses

Current

2020

15 hoists for routine maintenance





Onboard USB charger



New TTC hybrid bus

365 new buses were delivered in 2018, with an additional 260 scheduled to arrive this year. The technologically advanced buses will be equipped with USB ports to allow customers to charge their smart devices on their commute.

## Contact us

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