

# East Rail Maintenance Facility

## Construction of new facility (PPP)



Client: Infrastructure Ontario Metrolinx  
Location: Whitby, ON  
Building Type: Industrial (Transportation)  
Contract date: 2015 to 2017  
Surface Area: 500,000 ft<sup>2</sup>

The new ERMF - East Rail Maintenance Facility will serve as a secondary rail maintenance facility to GO Transit's existing 30-year old Willowbrook Facility to provide operational flexibility and redundancy under emergency situations. At more than 500,000 square feet, the maintenance facility will provide daily maintenance for up to twenty-two 12-car passenger trains.

The facility will include:

- 18 storage tracks
- an electrical substation for power supply to facility and trains
- maintenance bays used for train inspection and maintenance
- coach
- diesel
- paint shops
- a wheel shop locomotive and train wash buildings
- a fuelling station
- and staff offices.

### Scope of Work

ENGIE MultiTech is the prime mechanical contractor for a DBFM team. The scope of work consists of the supply, installation, testing and commissioning of the following systems:

- Plumbing and Drainage
- HVAC
- Underground mechanical building systems
- Single point service connections to specialized equipment

### Services provided

ENGIE's role included the following:

- Mechanical concept, design and installation
- Specialized Exhaust Systems
- Specialized fume hood exhausts
- BIM modeling of own work