

March 2021 Update

Stage 2 LRT Economic Investments

- The Stage 2 LRT project has so far resulted in more than **$550 million** worth of contracts with local vendors; and,
- In 2020, local employment peaked at approximately **2,000 jobs** across all three Stage 2 LRT O-Train extensions.


OTrain
SOUTH EXTENSION
PROLONGEMENT SUD

Bayview Station



Rock Cut Widening



Carleton University



Mooney's Bay Station



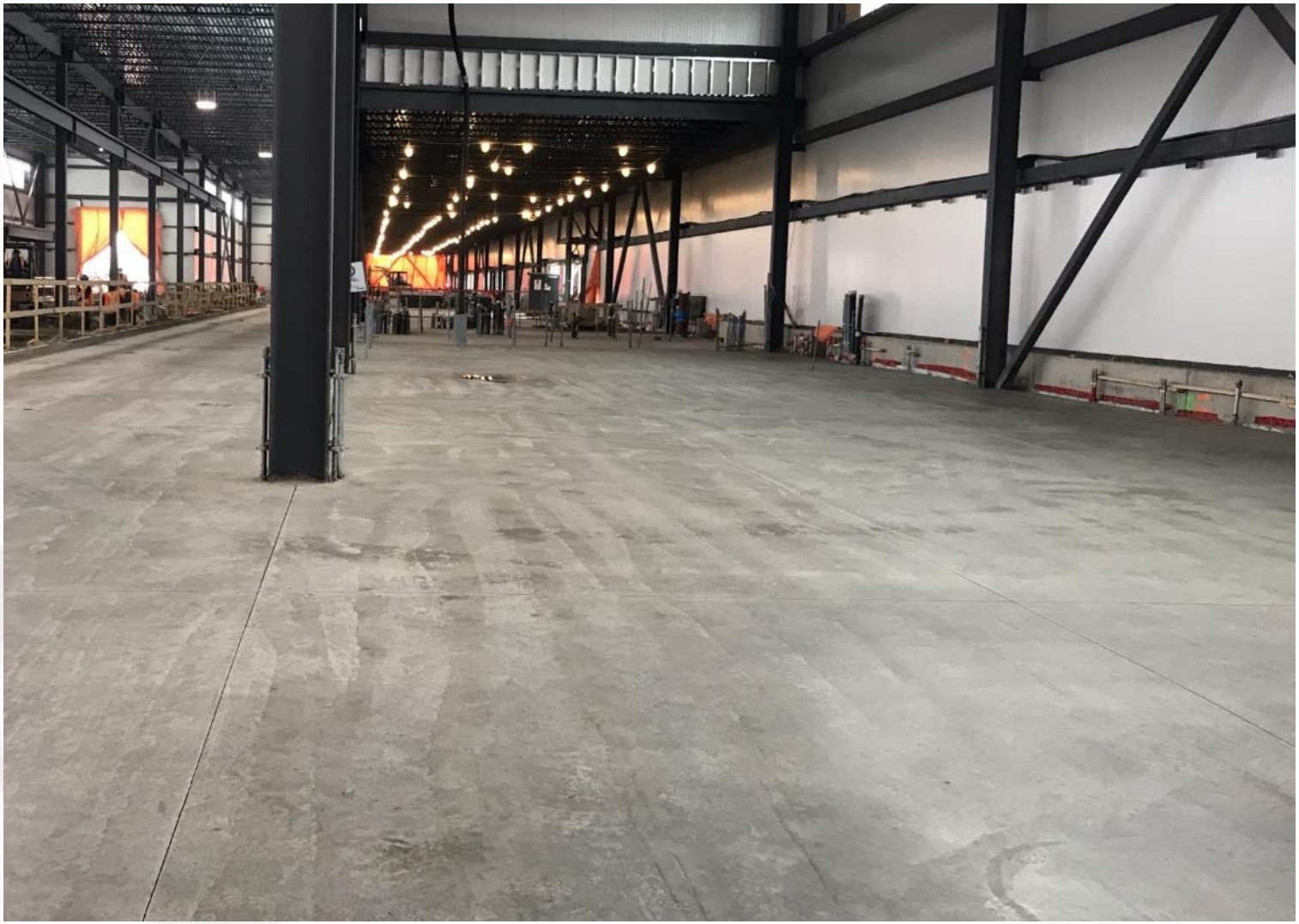
Greenboro Station



Walkley Maintenance & Storage Facility



Walkley Maintenance & Storage Facility



South Keys Station



Lester Rail Bridge



Airport Elevated Guideway



Stadler FLIRT Production





Upcoming Work

- Hunt Club rail and pedestrian construction continues in median of Hunt Club Road;
- Rock removal and rock cut widening between Beech and Gladstone continues;
- Staging for Rideau River pedestrian bridge;
- Foundation construction continuing at Leitrim, Limebank, Ellwood, and Mosquito Creek;

Upcoming Work *(Cont'd)*

- Continuation of work in Walkley MSF and yard;
- Girder and superstructure work at rail bridges;
- Guideway and trackwork along the alignment;
- Station construction works at all locations; and,
- Trackwork at the Walkley Maintenance & Storage Facility.

Traffic and Mobility Impacts

Location	Timeline	Traffic & Mobility Impacts
Trillium Pathway (under Highway 417)	Spring 2019 to Summer 2021	The Trillium Pathway between Gladstone Avenue and Young Street will remain closed to allow crews to construct the double track within the trench.
Multi-use path (MUP) at Carleton Station	Summer 2020 to Fall 2021	Extension of the station will require temporary closure of the MUP in this area.
MUP at Gladstone	Summer 2020 to 2022	Drilling and rock excavation to widen the rail corridor and Corso Italia Station construction at Gladstone will temporarily impact access to the MUP in this area.
MUP along Rideau River near Vincent Massey Park	Spring to Fall 2021	Detour until June 30 and partial opening in July and August 2021. Detour again in Fall 2021. *Detour plans are under review.*

Traffic and Mobility Impacts *(Cont'd)*

Location	Timeline	Traffic & Mobility Impacts
MUP at South Keys	Fall 2020 to Fall 2021	MUP on the west side of South Keys Station will be relocated in different stages throughout the year to accommodate track construction.
MUP at Bayview	Winter 2021	The existing Trillium Pathway on the east side of Bayview Station will be relocated to its new permanent location about 20 metres east of its present location
MUP at Walkley	Fall 2020 to Spring 2022	The temporary closure of the MUP on the west side of the Marriott Hotel and Warehouse Lofts is required for Walkley Station construction.
MUP at Brookfield	Fall 2020 to Spring 2022	MUP relocation south of its previous location required to complete construction of the Ellwood Diamond rail bridge.

O-Train South Line Program

	2020		2021		2022	
Trillium Line Shutdown						
MTO Replacement of 417 Overpass						
Walkley Maintenance & Inspection Facility						
Completion of Guideway Construction						
Delivery of Stadler Vehicles						
Testing and Commissioning						
Training						
Trial Running Completion						
Substantial Completion (Handover to City)						◆


OTrain
EAST EXTENSION
PROLONGEMENT EST

Blair Station to 174 Median Rail Bridge



Highway 174 Montreal Road Overpass



November 2020



February 2021

Place d'Orléans



Orléans Blvd. Overpass



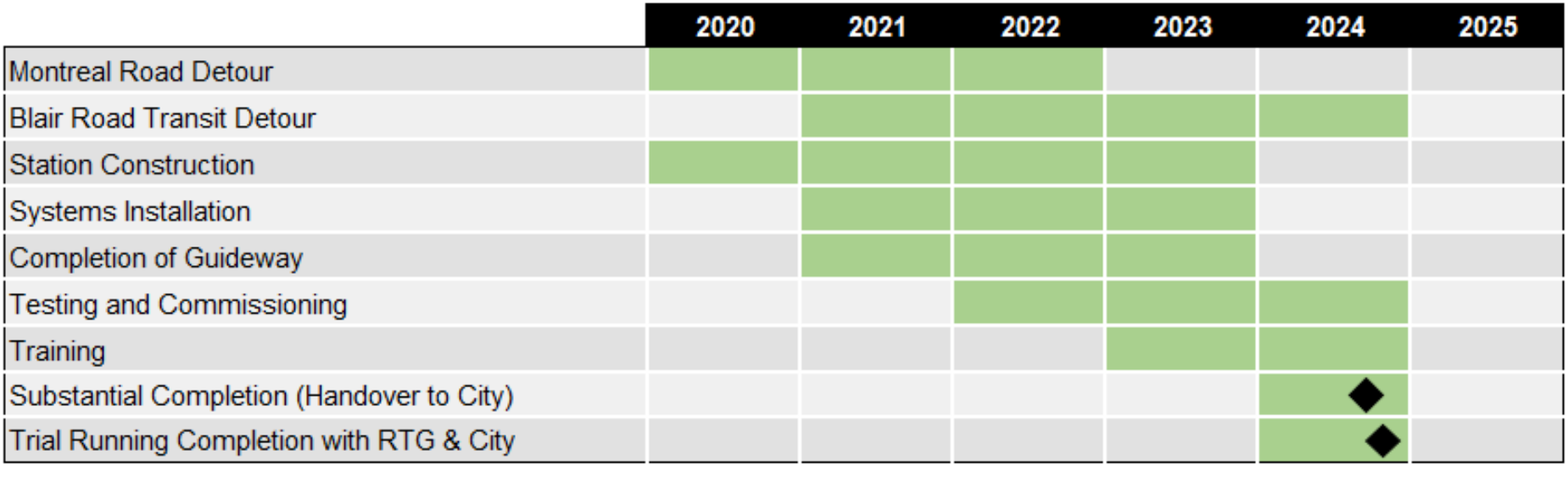
Upcoming Work

- Continue construction of Blair Station to 174 median rail bridge;
- Start of guideway work between Blair Station and Montreal Station;
- Start of support of excavation and foundation works for Montreal Station; and,
- Start Green's Creek Pedestrian Bridge.

Traffic & Mobility Impacts

Location	Timeline	Traffic & Mobility Impacts
Montreal Road (under Highway 174)	Two months in Spring to Summer 2021	Two lanes of Montreal Road (one lane each direction) closed under Highway 174.

O-Train East Line Program




OTrain
WEST EXTENSION
PROLONGEMENT OUEST

Goldenrod Bridge



Parkway Tunnel



Byron Linear Park



Lincoln Fields Station



Lincoln Fields Flyover Progress



Iris Street



Iris Street Station



Algonquin Station



Pinecrest Road



Pinecrest Road



Holly Acres Light Rail Bridge



Moodie Overpass Work



Upcoming Work

- Support of excavation (SOE) for Parkway Tunnel;
- Retaining wall construction and bridge deck installation to occur at Lincoln Fields Rail Flyover;
- Start of future Woodroffe Pedestrian bridge;
- Start of Carling Ave detour work in advance of new Carling Ave bridge construction;
- Transitway detour construction and implementation at Iris Street;

Upcoming Work *(Cont'd)*

- Foundation installation for south station entrance of Algonquin Station;
- Support of excavation (SOE) in Connaught Park for future cut and cover tunnel;
- Precasting of future Pinecrest Road bridge and a new NW ramp;
- Holly Acres Light Rail Bridge work; and,
- Foundation construction for Moodie Drive bridge replacement.

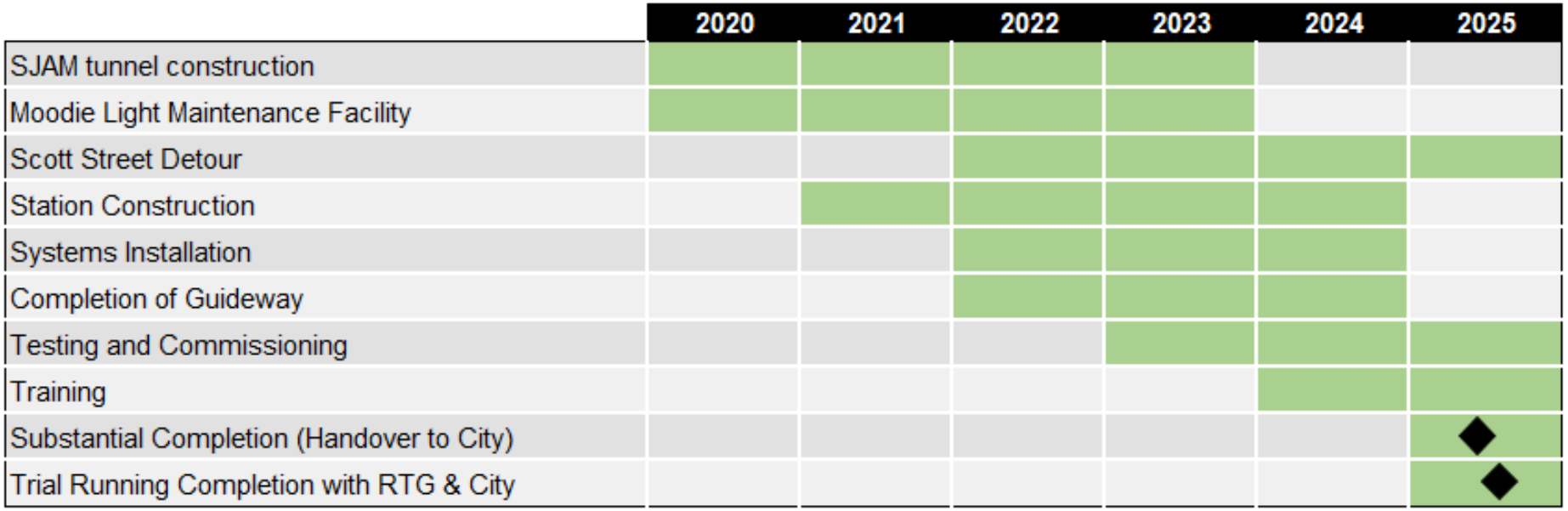
Traffic & Mobility Impacts

Location	Timeline	Traffic & Mobility Impacts
Richmond Road (Cleary Avenue to New Orchard Avenue)	Spring 2020 – Fall 2023	Multiple off-peak lane closure and Intersection reconfigurations
Carling Avenue (Lincoln Fields)	Summer 2020 to Summer 2021	Traffic impacts that will reduce Carling westbound to two lanes for sewer work. Lane shifting is expected at/near the intersection.
Iris Street at Transitway	Spring 2020 – Late Fall 2021	Multiple lane shifts and Intersection re-configurations
Richmond Road (Woodroffe Ave)	Q2 2021	10 to 14-day closure of Woodroofe Ave. at Richmond Road for decking works

Traffic & Mobility Impacts *(Cont'd)*

Location	Timeline	Traffic & Mobility Impacts
Highway 417 (Pinecrest Road to Moodie Drive)	Fall 2020 to Fall 2021	Lane closures expected during off peak periods.
Highway 417 and Pinecrest Interchange	Spring 2021 to Summer 2023	Various ramp closures expected.
Highway 417 and Moodie Interchange	Spring to Winter 2021	Westbound on-ramp from northbound Moodie Drive closure expected.

O-Train West Line Program

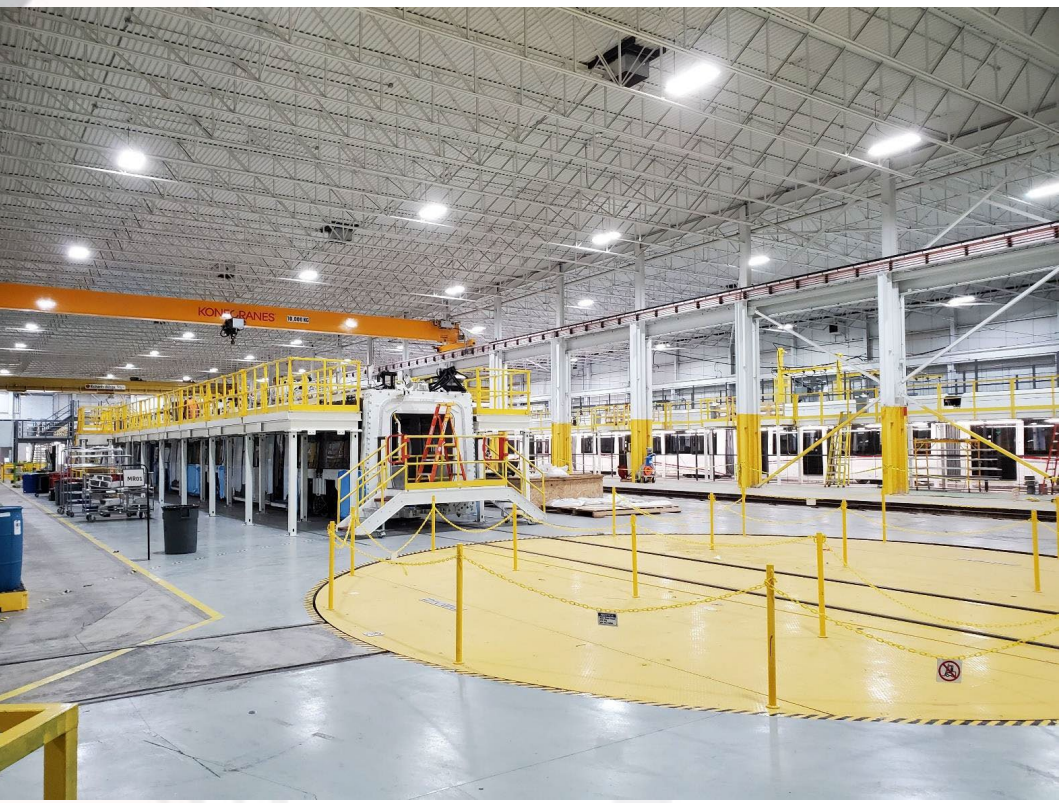


Stage 2 Alstom Citadis Vehicles

Of the 38 Stage 2 Alstom Citadis Vehicles:

- 16 vehicles are awaiting production;
- 16 vehicles in production;
- 2 vehicles are undergoing testing; and,
- 4 vehicles have been accepted.

Stage 2 Alstom Citadis Spirit



Alstom Citadis Spirit assembly is ongoing in Brampton, Ontario.



Vehicles are delivered to Belfast Yard via flatbed truck.

Communications & Stakeholder Relations

- In 2020, the Stage 2 stakeholder relations and communications team issued:
  - 140 public notices;
  - 100+ e-newsletters;
  - 11 web articles; and,
  - 5 educational videos;
- The project team continues to enhance the sharing of information through digital tools; and,
- Planning activities are underway to host digital open houses for each extension in 2021.

Questions?