

O-Train Confederation Line Project Update



Project Status

- Following receipt of the Independent Certifier's (IC) determination on RTG's Substantial Completion Notice, a workshop was held between RTG, City staff and Rail expert advisors to:
 - Discuss the City's opinion letter on Substantial Completion and the IC's determination;
 - Detail progress that has been achieved by RTG in the interim period since they submitted their notice; and,
 - Discuss ongoing work and next steps to complete the project.
- The session was productive and there is general consensus on outstanding work that needs to be completed in order to achieve Substantial Completion.

Project Status *(Cont'd)*

- Further to the joint workshop, the City of Ottawa received RTG's response to the IC's determination regarding their Substantial Completion Notice for the Confederation Line on Tuesday afternoon, May 21, 2019;
- The letter outlined RTG's feedback on the outstanding works that are required to achieve Substantial Completion; and,
- The City is working closely with RTG to confirm their plan and schedule to complete the remaining works.

Substantial Completion Project Agreement Requirement

- Substantial Completion signifies that the project has advanced to the point where construction and testing is effectively complete;
- Applies to fixed components (stations, rail, etc.) and vehicles; and,
- There can be no restrictions that materially impair the City's use of the system. This includes:
 - Public and City use of the system;
 - Maintenance services by RTM; and,
 - Safety or traffic flow in any relevant aspect.

The Plan To Achieve Substantial Completion

- RTG and the City have agreed on a plan forward including dates, schedules and completion of all items related to:
 - Stations;
 - All operating systems;
 - Safety programs; and,
 - Maintenance readiness.
- Vehicle readiness is the critical path to completion.

Elements Being Monitored That Are Critical To Revenue Service Availability

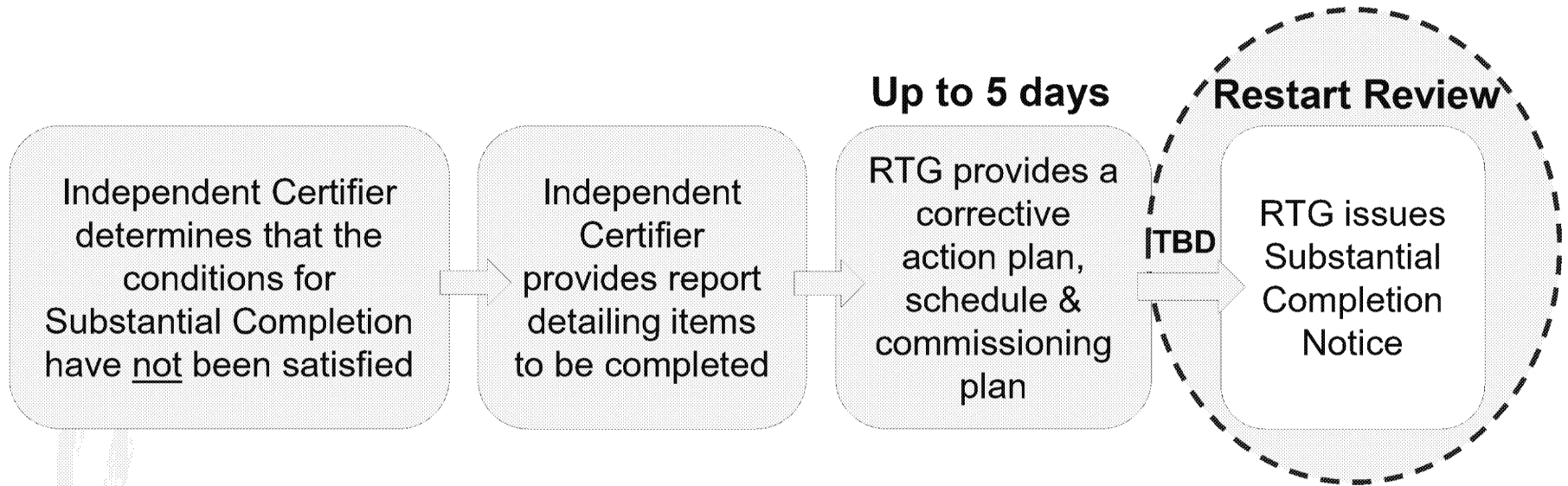
1. Fleet availability for service requirements – demonstrate reliability;
2. Station occupancy for all stations - complete;
3. Tunnel Ventilation System (TVS) tests – final testing;
4. Testing of the train control system – final testing;
5. Control systems for transit operations – final testing;
6. Power system to the alignment and trains – final tests;
7. RTG's system assurance – sign-off is to be provided on all documents required by the City's Safety Auditor;
8. End-to-End Practice Plan Running - demonstrate system capability; and,
9. Winter Operations – final readiness.

Status of 9 Critical Elements

If RTG completes their plan on all elements, including full vehicle fleet reliability and completion of outstanding works, they can re-apply for Substantial Completion.

Substantial Completion Process

Scenario 2



Next Steps On Substantial Completion

1. RTG completes all items including vehicles;
2. RTG resubmits Notice of Substantial Completion;
3. Independent Certifier determines that conditions for Substantial Completion have been achieved;
4. RTG moves into Trial Running:
 - 12 consecutive days of normal service schedule;
 - Exercise and validate the operating schedules and operational performance requirements;
 - Exercise and confirm the operating reliability of the system and subsystems; and,
 - Verify and demonstrate vehicle availability and reliability.

Next Steps On Substantial Completion *(Cont'd)*

5. Successful Trial Running and Independent Safety Auditor signs off;
6. RSA is achieved; and,
7. City needs up to 4 weeks to launch.

RSA & Launch Of Service For Public Use

1. The City wants an RSA date that is reliable and we believe to be achievable by RTG;
2. RTG must focus on the vehicle completion which is critical to obtain this high degree of confidence;
3. RTG needs to bring a robust, highly confident plan with specific vehicle completion details before the City can accept an RSA date;
4. When an RSA date that the City is confident with is provided, we will require four weeks to conduct final preparations for our launch to our customers; and,
5. A reminder that the launch of the rail system includes:
 - Complex bus route changes system wide; and,
 - Affects 240,000 customers per day (75% of customers).

Long Stop Date

- May 24, 2019, marked the long stop date for the LRT project – 12 months after the contract Revenue Service Availability date;
- The longstop date is a specific contract milestone that enables the City to initiate additional contract remedies;
- The City continues to retain all its rights and remedies available to it under the Project Agreement, including the Long Stop provisions; and,
- As per previous updates to Council, the City has not issued any payments to RTG and continues to track all incremental costs that will be deducted from RTG's outstanding payments.

Fare Freeze

- Along with the approval of the budget and fare freeze until July 1, 2019, Council directed staff to bring forward costs to extend the fare freeze if the launch date is later;
- Would affect:
 - Fare increases approved as part of 2019 budget; and,
 - Reduction in price for taxi coupons for Para Transpo customers.
- A delay until August 1 would cost \$320,000;
- A delay until September 1 would cost \$600,000;
- A decision at the Council meeting of June 12 would allow fares to continue at their current level beyond July 1 (July monthly passes go on sale on June 16); and,
- The cost of this additional fare freeze will be deducted from RTG's payment.

City Preparation

- Conducting operational training, drills and exercises;
- Ongoing bus/rail planning and service changes; and,
- Ready for Rail campaign continues.



Questions?