Orange Line Transformation

Construction Project Updates



Week in Review and Lookahead Friday, March 17, 2023

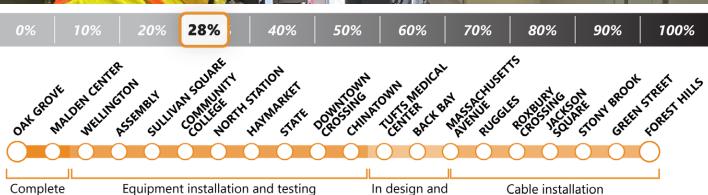
This week, Orange Line Transformation crews continued making progress on upgrades to the signal and traction power systems, as well as rail fastener replacement, and improvements to Wellington Yard and Vehicle Maintenance Facility



Signal Upgrades







DesignTesting and CutoverInstallationComplete

Orange Line Signals: Increase safety and reliability with modernized signals

✓ **This Week** | At Wellington north, track circuit testing was conducted nightly and operational tests were performed during the day. At Wellington south and north, installation of signal racks and cables continued

fabrication

• **Lookahead** | Crews will continue testing and installing racks, wires, and cables at various stations. New wayside wiring will be installed at nights on the Southwest Corridor

Wellington Yard and Maintenance Facility Updates









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Wellington Yard: Upgrade Wellington Yard to increase service capacity, replace outdated infrastructure, and enhance safety

- ✓ This Week | Crews prepared for high mast light poles erection on March 25, patched holes in the tower basement, and disposed of old materials. In addition, crews continued with punch list activities, and cleanup of the yard and facilities
- Lookahead | Crews will continue working on punch list items, high mast light poles, and clean up

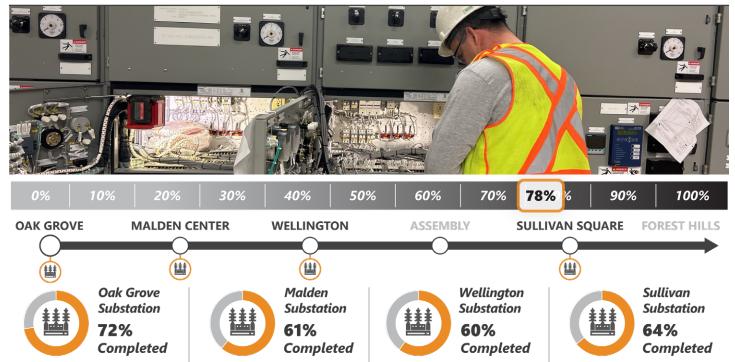


<u>Wellington Maintenance Facility:</u> Modernize the Vehicle Maintenance Facility to improve vehicle maintenance, reduce downtime and customer wait times, provide cleaner trains, and deliver safer operation

- ✓ **This Week** | Crews started the demolition of track 19 by performing concrete saw cutting. Maintenance and repairs were performed at track 20, inside the vehicle wash. Electricians worked on fire alarm and security system testing
- **Lookahead** | Electricians will continue working the fire alarm and security systems. Crews will continue working on track 19 demolition and track 20 improvements

Traction Power Substations



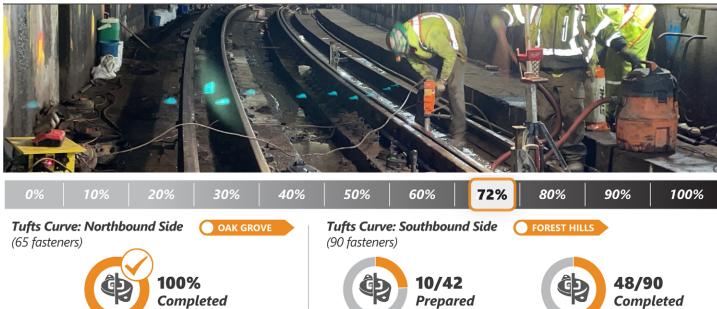


<u>Traction Power Substations:</u> Modernize the third rail power supply to reduce the risk of service disruptions; develop a power system capable of supporting additional Orange Line service

- ✓ **This Week** At Oak Grove, crews continued installing alternating current and direct current bus duct supports
- **Lookahead** | Crews will support bus duct components delivery, perform measurements, and continue with installation

Rail Fastener Replacement





- ✓ This Week | Crews continued prepping and replacing rail fasteners on the southbound side of Tufts curve.

 On the northbound side, crews cleared and repaired blocked tunnel drainage
- Lookahead | Rail fastener replacement work will continue during overnight hours