

Orange Line Transformation

Construction Project Updates



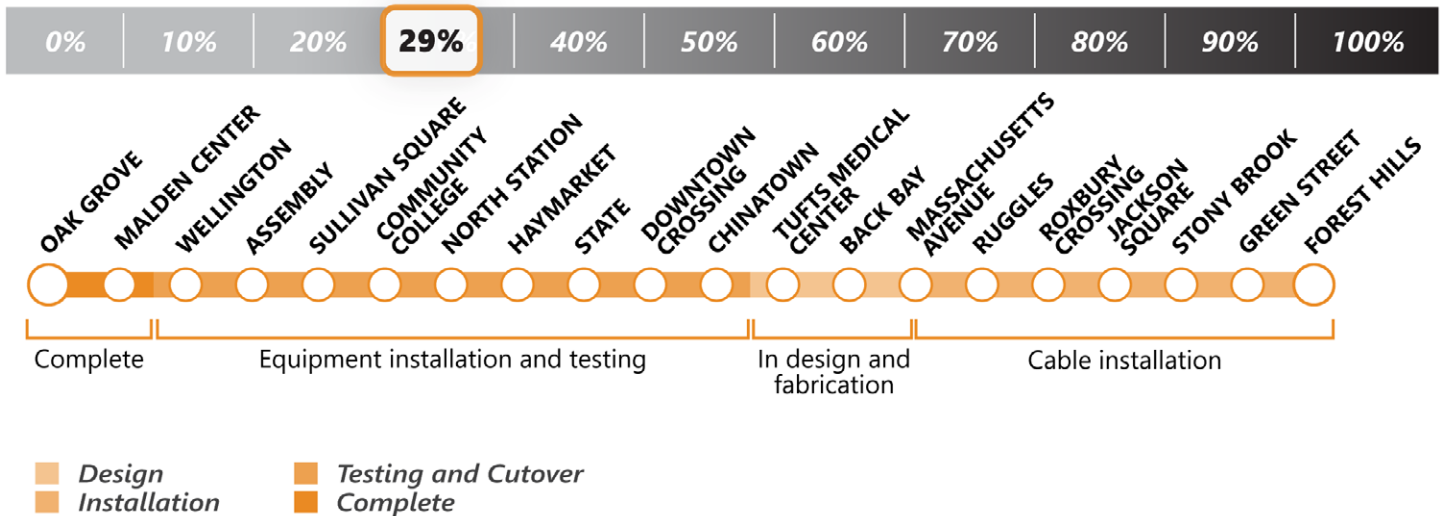
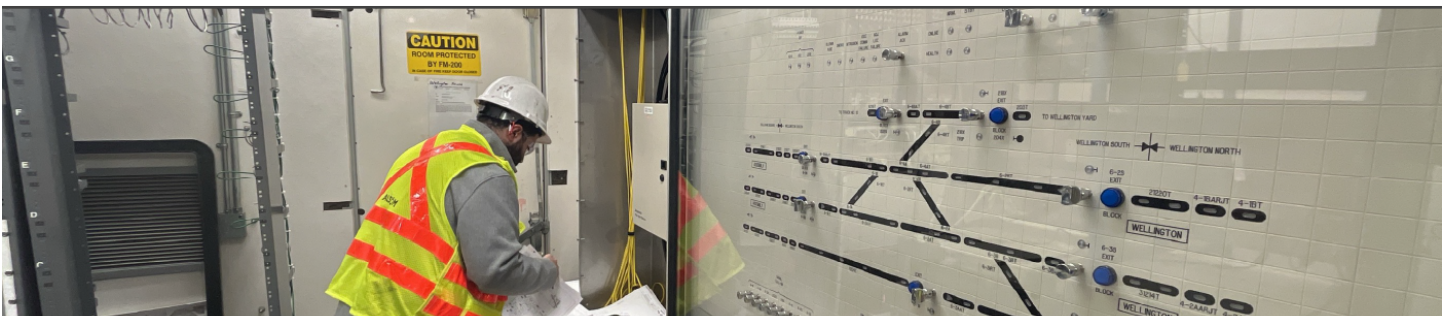
Week in Review and Lookahead

Friday, March 31, 2023

This weekend, April 1 - 2, [Orange Line service will be suspended between North Station and Back Bay](#) this weekend for demolition work on the Government Center garage



Signal Upgrades



[Orange Line Signals](#): Increase safety and reliability with modernized signals

- ✓ **This Week** | At Wellington North, crews conducted high-definition loop testing, operational testing, and control line testing, and are also worked on wiring connections in the signal bungalow. At Wellington South and at North Station, crews installed new racks, wires, and cables in the signal houses. At North Station (Haymarket) crews installed new racks, wires, and cables in the temporary house. At Gainsboro truck pad, between Mass Ave and Ruggles, crews installed signal cables
- **Lookahead** | Crews will continue testing and installing racks, wires, and cables at various locations and preparing for future signal cutovers

*Schedule subject to change with weather conditions and in accordance with public health directives
Project percentages represent the value of the installed work

Wellington Yard and Maintenance Facility Updates



21,895 Feet of Track



69 Units of Special Track

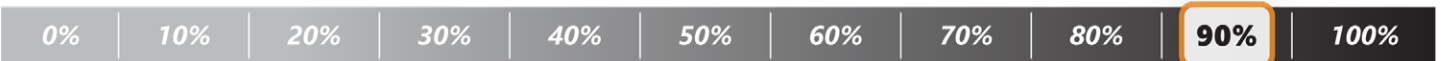
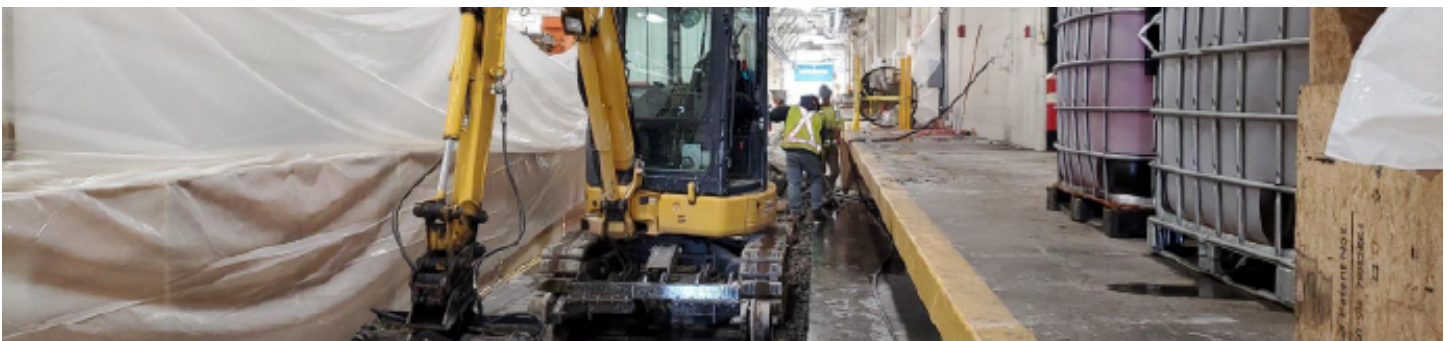


Traction Power & Signals



Wellington Yard: Upgrade Wellington Yard to increase service capacity, replace outdated infrastructure, and enhance safety

- ✓ **This Week** | Crews cleaned and rearranged the yard in preparation for the high mast light poles erection on April 22. Crews continued with punch list work and general clean-up
- **Lookahead** | Crews will continue working on punch list items and clean-up



Building Upgrade



Power Substation



Train Wash



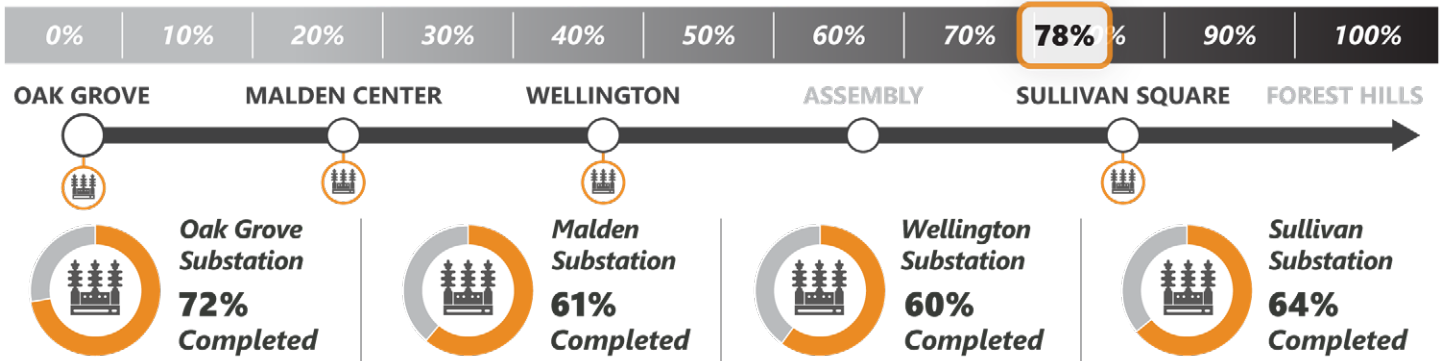
Maintenance Bays



Wellington Maintenance Facility: 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 continued the demolition of track 19 by performing saw cutting and concrete removal. Electricians are working on door security connections, and on the fire alarm system
- **Lookahead** | Crews will continue working on track 19 demolition and begin work on track 20. Electricians will continue working the fire alarm and security systems

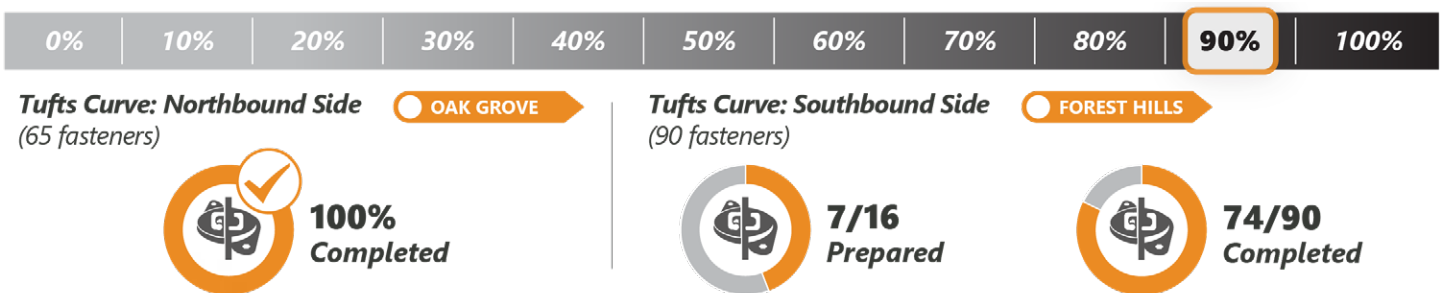
Traction Power Substations



Traction Power Substations: 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 control cables and termination cables. At Sullivan, crews conducted point-to-point tests between the substation and High Street
- **Lookahead** | Crews will continue performing installation of alternating current and direct current high-intensity electrical components

Rail Fastener Replacement



- ✓ **This Week** | Replacement of rail fasteners on the southbound side of Tufts Curve continued
- **Lookahead** | Crews will continue replacing rail fasteners at Tufts Curve and work on punch list items

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