

Orange Line Transformation

Construction Project Updates



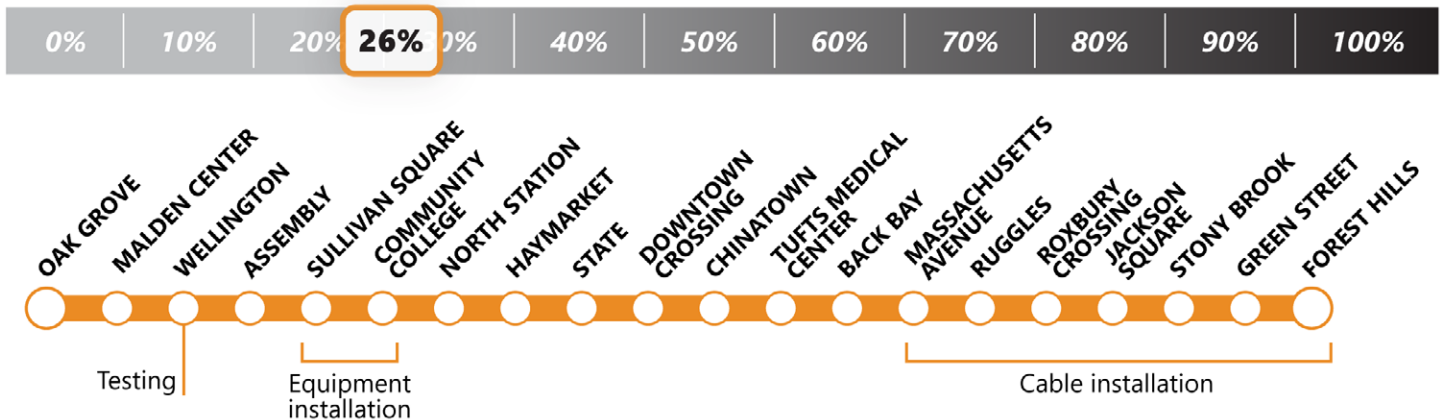
Week in Review and Lookahead

Friday, December 9, 2022

This week, progress continued on [Orange Line Transformation](#) projects, including Signal Upgrades, Traction Power upgrades, and work at Wellington Yard and Vehicle Maintenance Facility.



Signal Upgrades

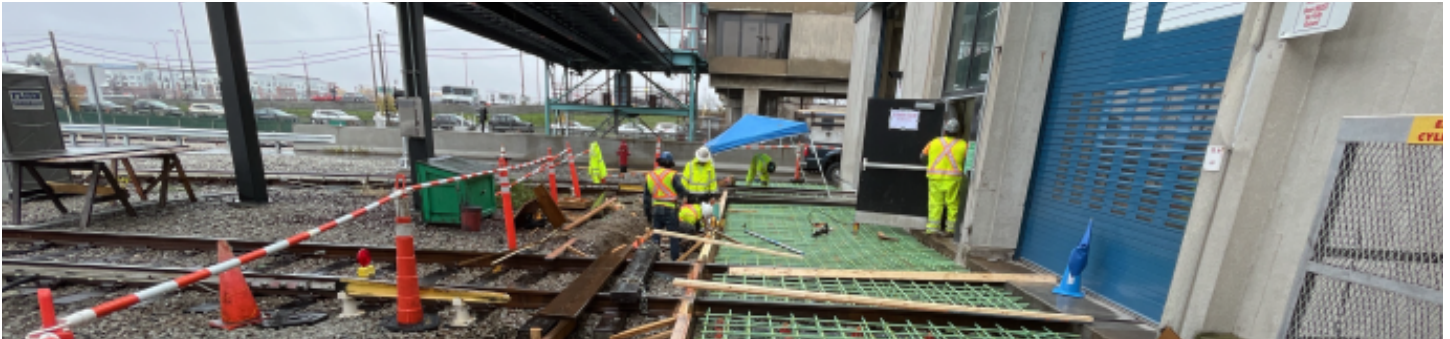


[Orange Line Signals](#): Increasing capacity, through reducing headways with modernized signals

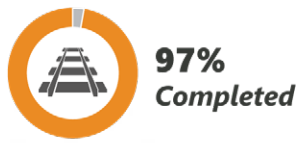
- ✓ **This Week** | Crews worked at Wellington installing test equipment, cables, and temporary power racks. At Sullivan Square crews worked on bond sweeps with testing conducted at night
- **Lookahead** | Continue with installation of testing equipment, components, and testing during the night both at Wellington north yard and Sullivan Square

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Wellington Yard: Upgrade Wellington Yard to increase service capacity, replace outdated infrastructure, and enhance safety.

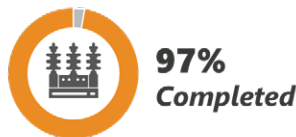
- ✓ **This Week** | Technicians conducted around-the-clock signal testing, and operational testing with trains moving around the north yard. To reduce wheel and rail wear and to dampen noise and vibration, nine automatic friction management devices known as lubricators (greasers) were installed and tested on track. Installing these devices increases the longevity of the track assets and reduces wheel and rail maintenance
- **Lookahead** | Crews will continue testing at the north yard and finalizing the test trains



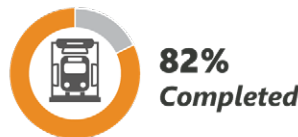
Building Upgrade



Power Substation



Train Wash



Maintenance Bays

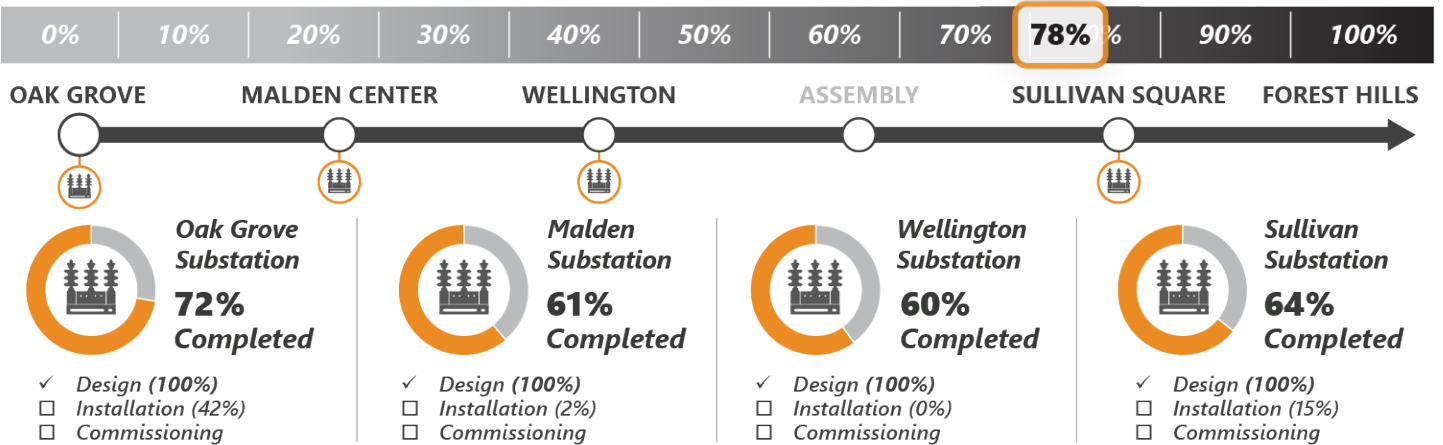


Wellington Maintenance Facility: Modernize the Vehicle Maintenance Facility to improve vehicle maintenance; reducing customer wait times, providing cleaner cars, and delivering safer operations.

- ✓ **This Week** | Crews continued work at tracks 11 and 12, with concrete exterior apron being poured. Work was also performed at the elevator control rooms
- **Lookahead** | Crews will continue to work on track 11 and 12 and power will be restored next week. Test train is scheduled for December 17th

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Project percentages represent the value of the installed work

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 nonstructural cracks are being injected with epoxy
- **Lookahead** | Crews will be back to continue dialectic epoxy floor work once the crack injections have been completed by next week