

# Orange Line Transformation

## Construction Project Updates



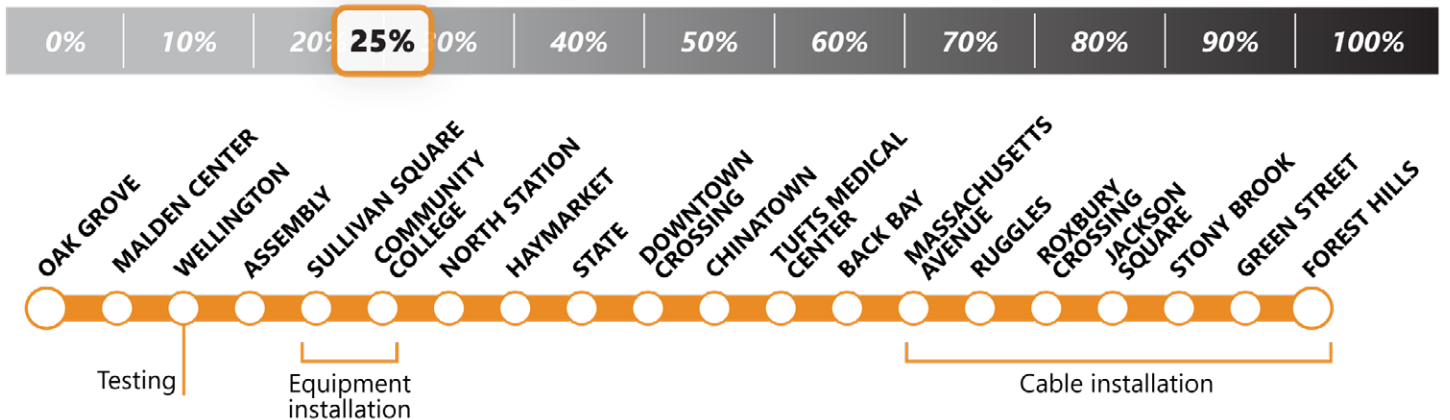
### Week in Review and Lookahead

Friday, November 18, 2022

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



### Signal Upgrades



Orange Line Signals: Increasing capacity, through reducing headways with modernized signals

- ✓ **This Week** | Crews installed new signal rack wire and cables at Community College. Technicians conducted point-to-point testing and visual inspections at Sullivan Square. Cable installation continued between Mass Ave and Roxbury Crossing
- **Lookahead** | Continue with new signal components installation, testing, and inspections

\*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

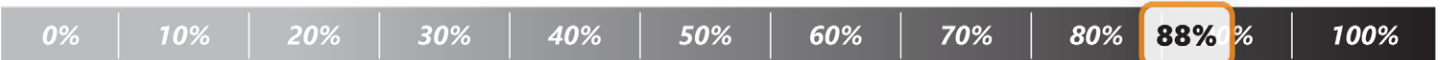
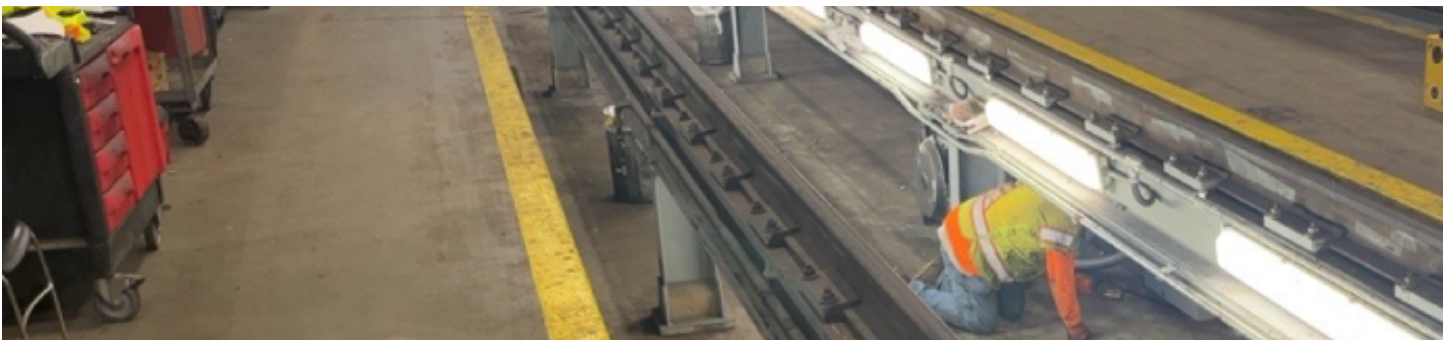


Traction Power & Signals



Wellington Yard: Upgrade Wellington Yard to increase service capacity, replace outdated infrastructure, and enhance safety.

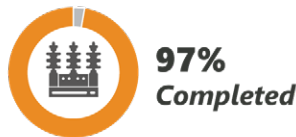
- ✓ **This Week** | Crews demobilized equipment, and electricians performed final testing on the new system at the circuit breaker house
- **Lookahead** | Crews will run test trains and assess the new system on the north side of the yard



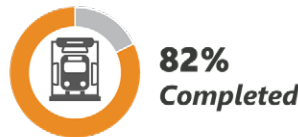
Building Upgrade



Power Substation



Train Wash



Maintenance Bays

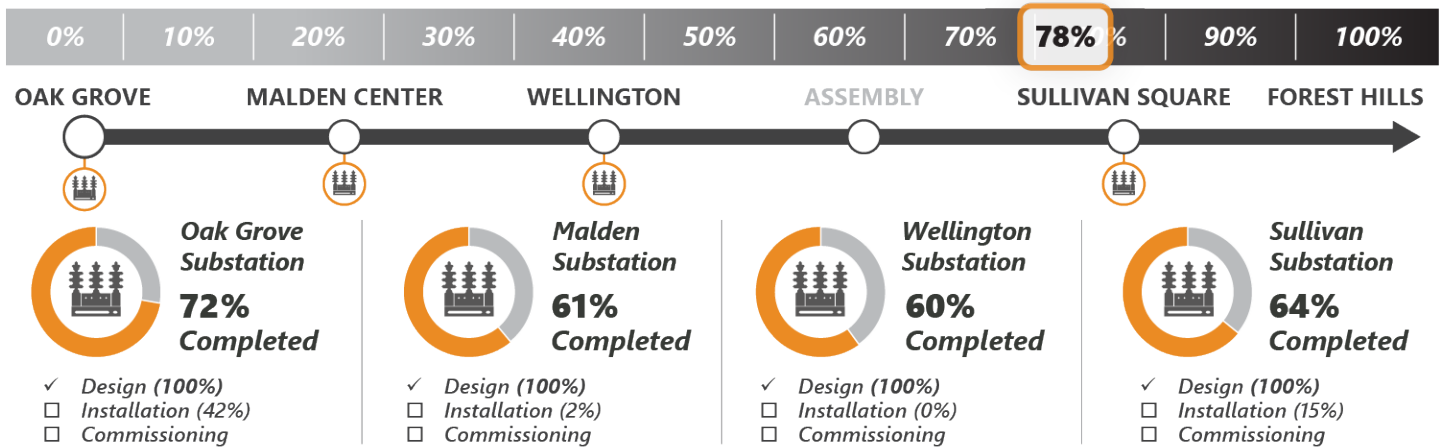


Wellington Maintenance Facility: Modernize the Vehicle Maintenance Facility to improve vehicle maintenance; reducing customer wait times, providing cleaner cars, and delivering safer operations.

- ✓ **This Week** | Crews pulled cables at track 17 in preparation for the test train run, and patched beam pockets and areas inside the mechanical room
- **Lookahead** | Crews will continue working on punch list items, and signal testing will continue

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# 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 are preparing to seal non-structural cracks in the floor with epoxy injections
- **Lookahead** | Crew will be performing epoxy injections at floor cracks