

# Orange Line Transformation

## Construction Project Updates



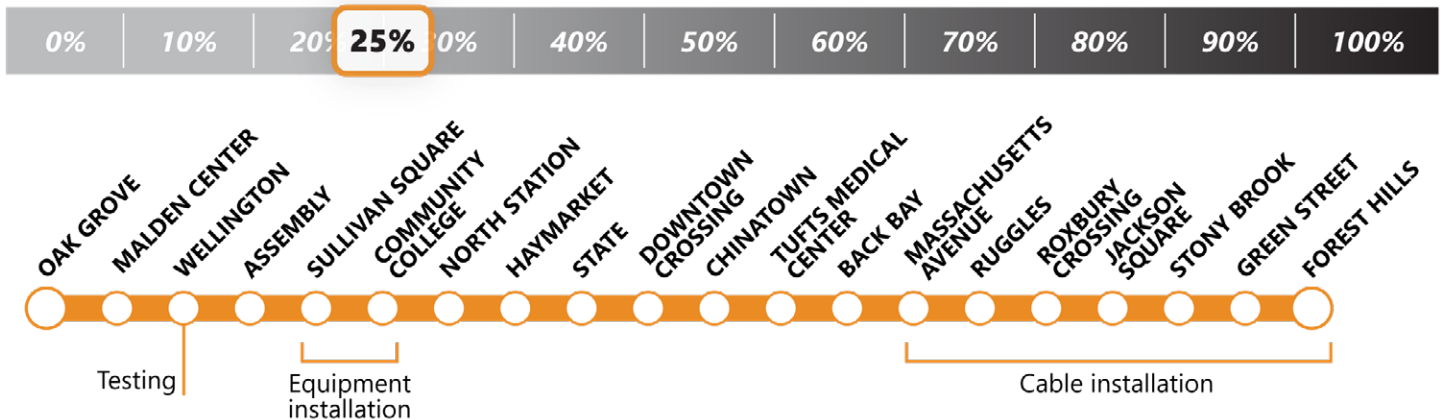
### Week in Review and Lookahead

Friday, November 11, 2022

Progress continued on [Orange Line Transformation](#) projects this week, 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** | Technicians installed new signal rack wire and cables at Community College. Crews conducted testing and visual inspections at Sullivan Square, and installed cable at Gainsboro truck pad
- **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



**97%**  
Completed

69 Units of Special Track



**85%**  
Completed

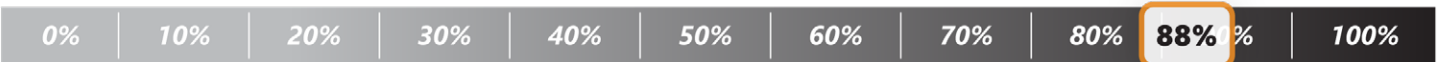
Traction Power & Signals



**90%**  
Completed

Wellington Yard: Upgrade Wellington Yard to increase service capacity, replace outdated infrastructure, and enhance safety.

- ✓ **This Week** | Signal testing has been completed, and technicians addressed punch list items
- **Lookahead** | Operating test trains and assessing the new system on the South side of the yard. Crews will work on completing track work punch list

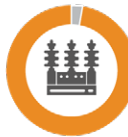


Building Upgrade



**90%**  
Completed

Power Substation



**97%**  
Completed

Train Wash



**82%**  
Completed

Maintenance Bays



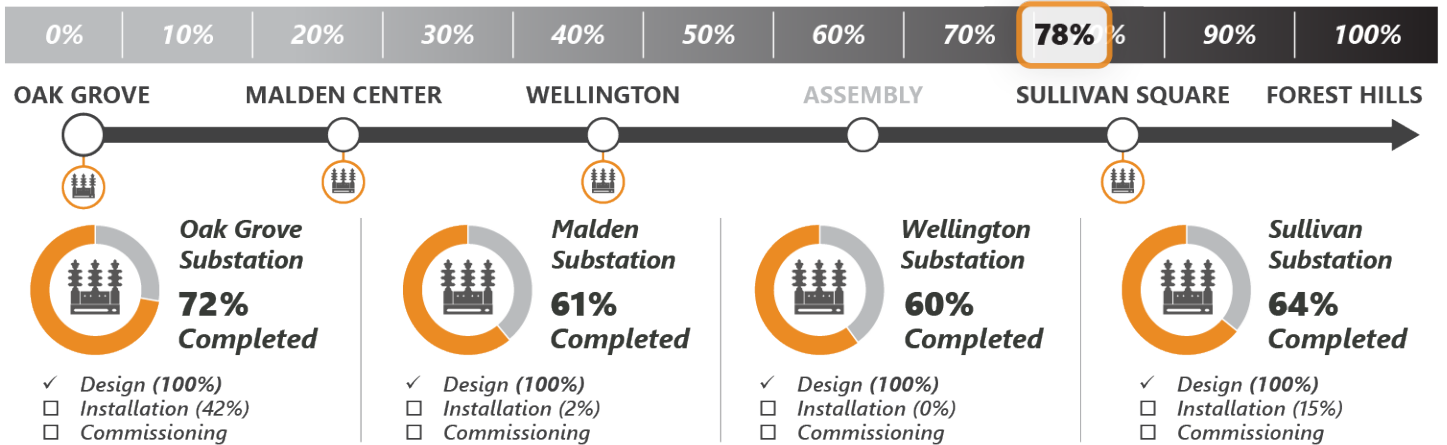
**60%**  
Completed

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 applied sealer to complete concrete work at track 13. Crews installed busbars between tracks 14 and 17 in preparation to the conversion from old signal system to new
- **Lookahead** | Crews will finalize punch list items for track and power upgrades in zone 7, and continue touch ups to paint inside the building



# 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 have been detected on the floor, and the Engineer of Record proposed sealing the cracks with epoxy injections
- **Lookahead** | Crew will be performing epoxy injections at floor cracks