

Orange Line Transformation

Construction Project Updates



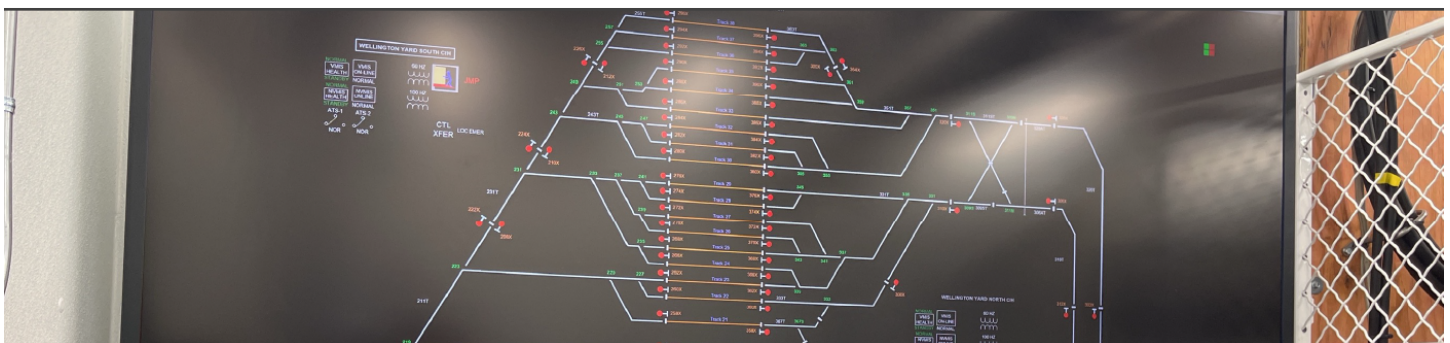
Week in Review and Lookahead

Friday, January 20, 2023

With the first few weeks of 2023 already behind us, the Capital Transformation team is happy to resume our weekly reports to provide the latest updates on our work. Over the holidays we continued advancing our projects in construction and developed new designs to improve our system. **In 2023 we'll be kicking off important new projects and completing upgrades to enhance reliability and accessibility across the MBTA, which will help deliver the level of service our riders deserve**



Signal Upgrades



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

- ✓ **This Week** | At Wellington crews continued with the installation of new signal racks, wires, and cables at the temporary signal house. At Sullivan Square, crews tested track circuits at night. Wayside cables were installed at Gainsborough truck pad moving toward Back Bay
- **Lookahead** | Continue with installation of testing equipment and components, with testing at Wellington Yard, Sullivan Square, and Gainsborough truck pad

*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

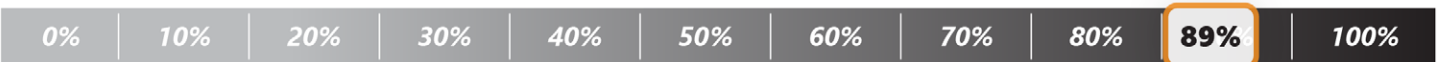
Traction Power & Signals



90%
Completed

Wellington Yard: Upgrade Wellington Yard to increase service capacity, replace outdated infrastructure, and enhance safety.

- ✓ **This Week** | Crews assembled high mast lights and poured concrete foundations
- **Lookahead** | Test trains will continue to run, and electricians will continue with miscellaneous installations and punch list work

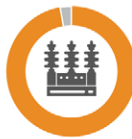


Building Upgrade



90%
Completed

Power Substation



97%
Completed

Train Wash



82%
Completed

Maintenance Bays

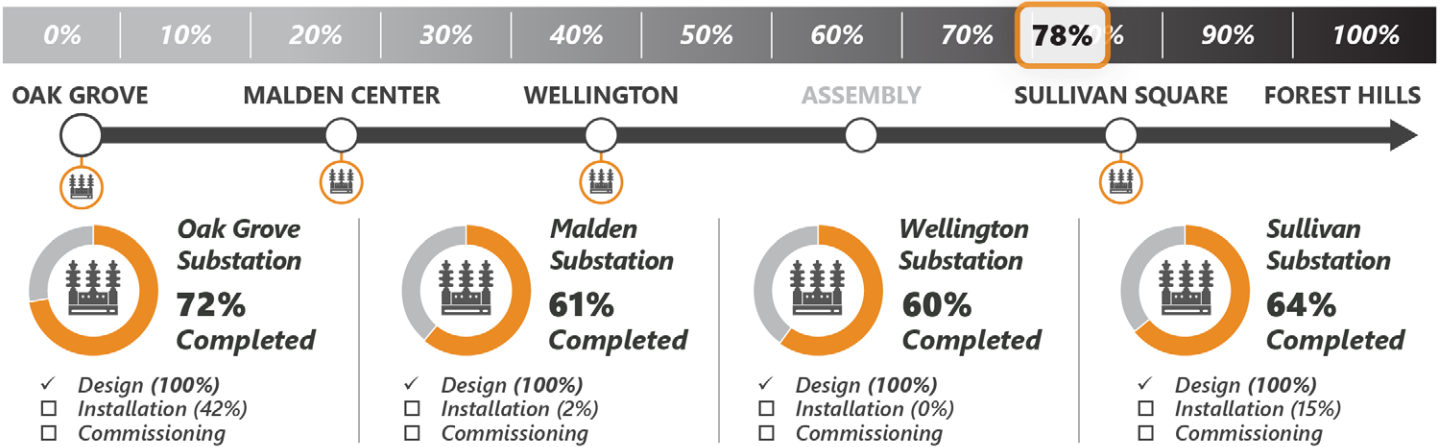


60%
Completed

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 demolished concrete pockets at track 18 for rail installation and installed rebar for drain replacement near crew quarters
- **Lookahead** | Crews will continue to install rail at track 18

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 laid out anchors in the epoxy floor
- **Lookahead** | Crews will drill floor for anchor installation