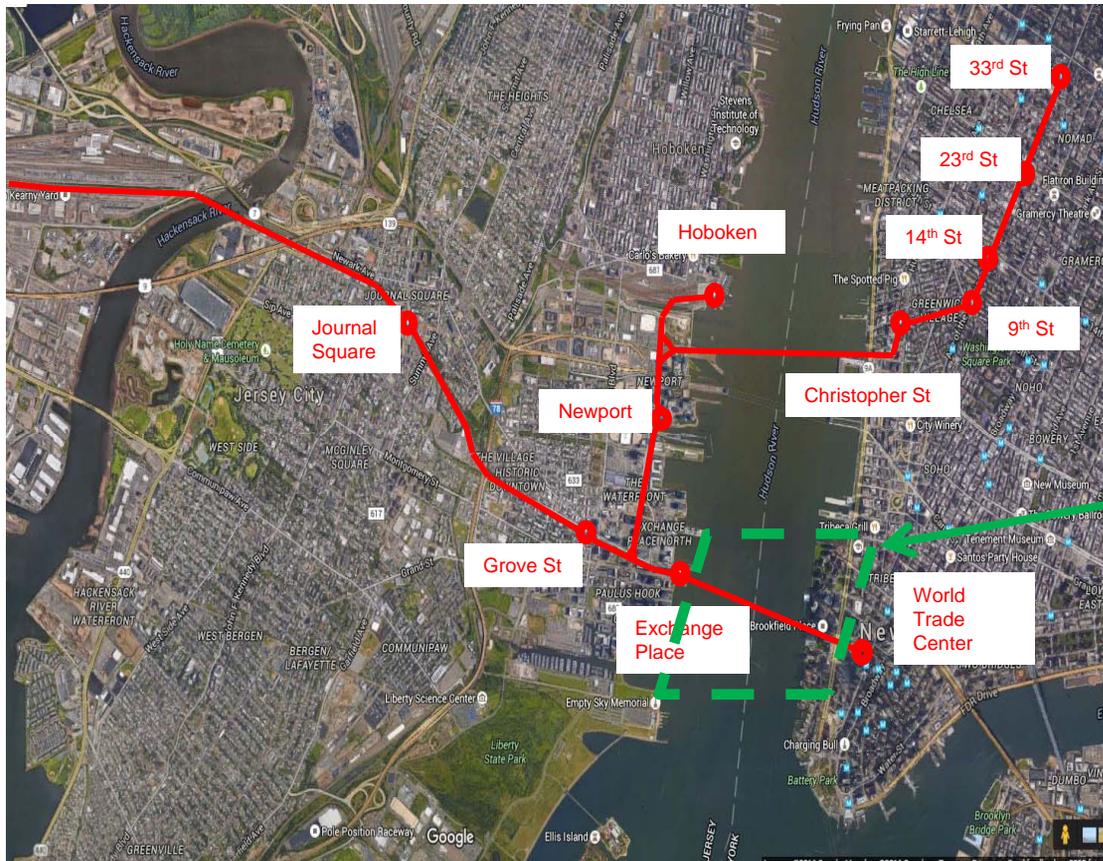


PATH -Tunnels E and F Between Exchange Place and World Trade Center – Infrastructure Repairs

Committee on Capital Planning,
Execution & Asset Management

September 22, 2016

Location/Background



Area of Work

Scope of Work & Project Goals



Third Rail &
Repairs to track
slab

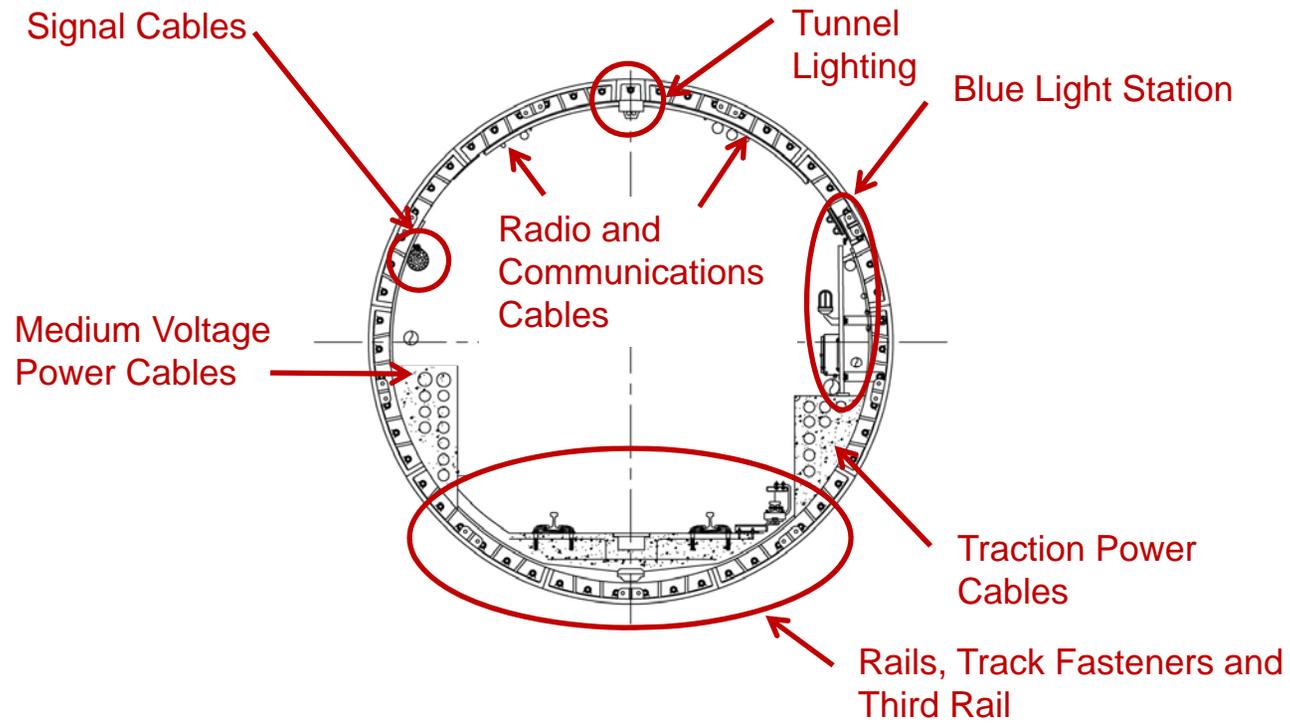


Running Rails &
Track Fasteners



Sandy high
water mark

Scope of Work – Tunnel Cross Section



Impacts

Economic Impact

- 280 direct job-years & \$25M of direct wages
- 630 job-years & \$43M in wages when factoring indirect effects
- \$476M in economic activity over the life of the project

Operational Impact

- Work will be performed on Weekends
- 35 weekends per year (17 reserved for holidays and emergency/other work)
- Single track operation during weekend work allowing for normal weekend schedule
- PATH will continue to explore and assess opportunities to accelerate construction

Project Cost & Schedule

- **Project Cost:** **\$400M**
 - Construction: \$233M
 - Planning and Engineering: \$ 31M
 - Facility Force Support: \$ 30M
 - Contingency: \$ 35M
 - Agency Allocation \$ 71M
(Insurance, Administration, Financial Expenses)

90 percent of eligible project costs would be recoverable through a Federal Transit Administration grant, pursuant to the 2013 Disaster Recovery Act

- **Construction Duration:** 3Q 2017 – 2Q 2026
 - Weekend only work, 35 Weekends Per Year