

Silver Line Phase III Project Massachusetts Bay Transportation Authority

Location: Boston, Massachusetts

Date: 2008

Structure: Twin Mined Tunnels and Stations

Length: Approximately 1 mile (1.6 kilometers)

Cross-Section: Station Tunnels: 34 feet (10.4 meters) Wide and 30 feet (9.1 meters) High
Running Tunnels: 21.5 foot (6.5 meter) Diameter

Geology: Fill, Organics, Boston Blue Clay, Glacial Till, and Cambridge Argillite

Cost: Approximately \$2.1 Billion

Client: LZ Associates (Value Engineering Expert Board), PGH Wong Engineering (Program Management Oversight)

Owner: Massachusetts Bay Transportation Authority (MBTA)

Value Engineering Expert Board and Risk Management Review Board on Behalf of Federal Transit Authority Project Oversight:

The Silver Line Phase III Project was the final segment of the Massachusetts Bay Transportation Authority's (MBTA's) Bus Rapid Transit (BRT) project. Phase III links the existing Silver Line / Washington Street Service (Phase I) and the existing Silver Line / Waterfront Service (Phase II).

Gall Zeidler Consultants (GZ) participated as a member of the Value Engineering Team for the project and also provided project management oversight consulting services. GZ was also part of a formal risk assessment workshop for the project.

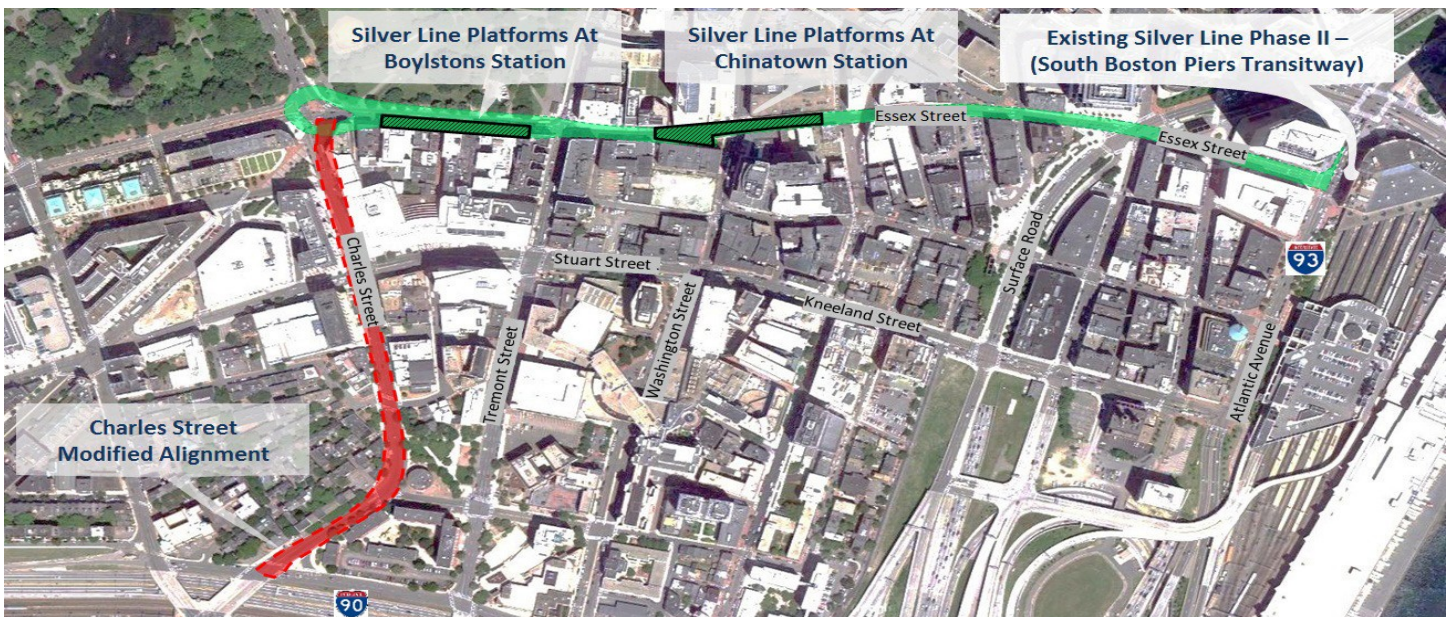


Figure 1. Alignment of the Silver Line Phase III Project.