

GEORGE WASHINGTON BRIDGE – UPGRADE AND REPLACEMENT OF SIGNS AND FIELD DEVICES

**Committee on Capital Planning, Execution, and Asset Management
June 25, 2015**

Background/Overview

- The existing ITS at the GWB installed in 1997
- Many key components of the ITS do not work
- Replacement parts are no longer available
- High Priority State of Good Repair Project
- 15 highest priority Variable Message Signs (VMS) replaced in 2013/2014

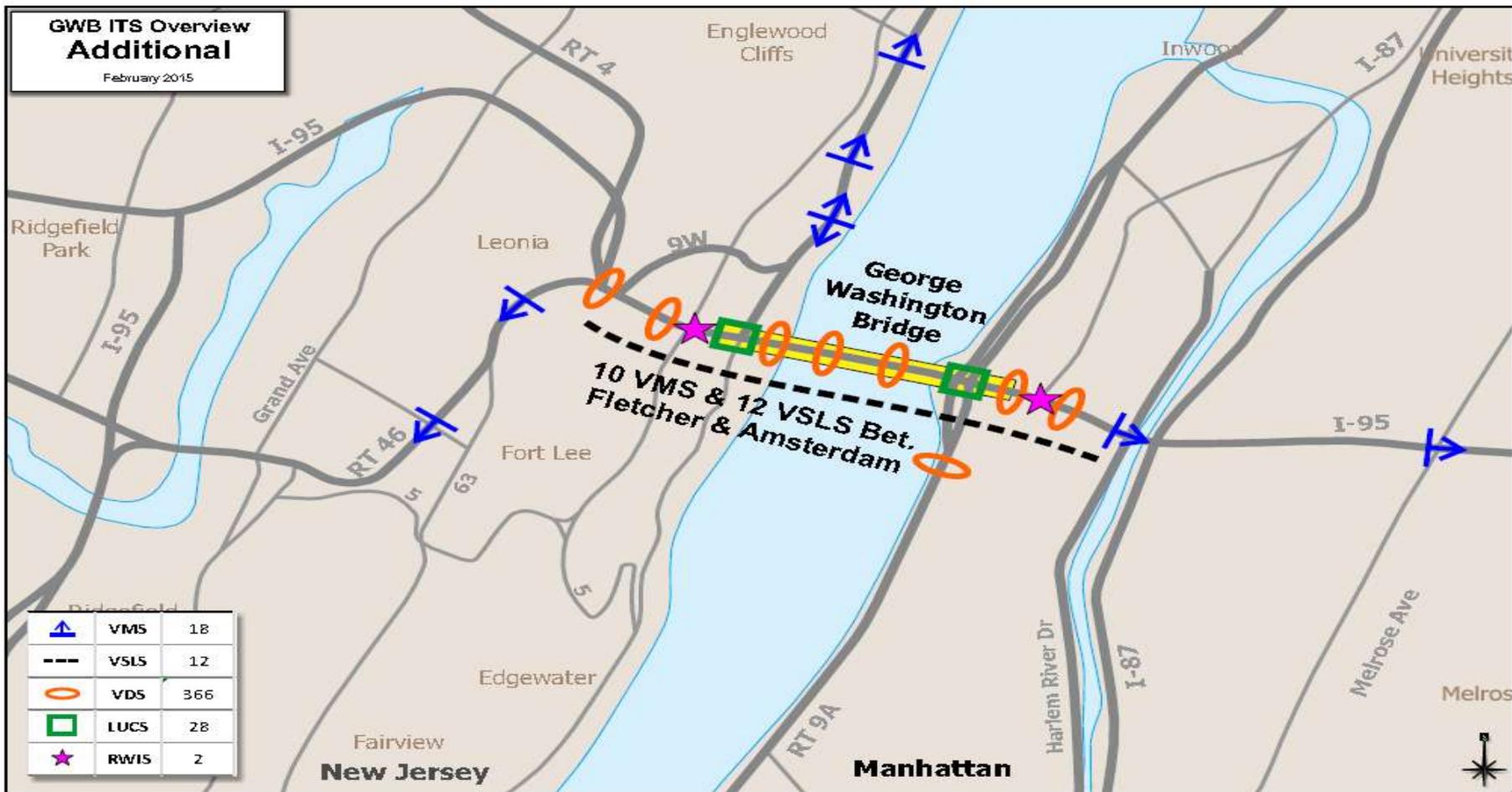
Scope of Work

- Replace roadway signage, vehicle detection devices, lane-use control signals, weather stations, communication and electrical infrastructures
- Install new VMS and variable speed limit signs



GWB ITS Overview
Additional

February 2015



Work to Date (Early Action)



VMS

Benefits to Port Authority / Region

- Provides continued dissemination of travel information
- Reduces traffic delays and air pollution
- Improves incident response times
- Improves traffic flows, and enhances traffic safety

Economic Impact

430 job-years

\$29 million in wages

\$105 million in economic activity

Project Cost/Schedule

- **Project Cost:** **\$65.1 Million**
 - Construction/Design/Build: \$29.8 M
 - Prior Construction (early action): \$ 8.7 M
 - Planning/Engineering/Support:
 - Staff Costs: \$ 3.2 M
 - Consultant Costs: \$ 7.7 M
 - Contingency: \$ 5.7 M
 - Agency Allocation
(*Insurance, Administration, Financial expenses*): \$10.0 M
- **Construction Duration: Q4 2017 – Q2 2020**