



***Fire Alarm System Upgrade - Planning
Authorization***

**Committee on Capital Programs/Agency Planning
May 31, 2012**

PATH Fire Alarm System Existing Conditions

Fire alarm systems at most PATH locations were installed 10 to 24 years ago and are:

- not centralized;
- not setup for automatic response;
- in need for an upgrade and/or replacement to conform with the latest local codes and standards; and
- in need of an expansion of PATH's communications infrastructure

Approximately 90 Locations Upgrades and/or Interface

PATH Locations:

- Train Stations (13)
- Shops & Yards (10)
- Ventilation Bldgs (6)
- Power Substations (24)
- Control Centers (3)
- Signal Bungalows (17)
- Signal Relay Rooms (13)
- Other Locations (4)



Project Goals

Provide new state-of-the-art equipment that:

- is consistent System-wide
- conforms with latest building and fire safety codes & standards
- provides Centralized Monitoring at PATH's Control Centers
- provides ability to report type and location of the alarms
- will upgrade \ expand PATH's Fiber Optic Infrastructure

Economic Impact

- 210 Total Job-Years
- \$14 million in Wages
- \$82 million in Economic Activity

Estimated Cost and Schedule

Total Planning Cost: \$4 million

Stage 1 (Planning Phase):

Start: June 2012

End: July 2013

Project Authorization – Anticipated 1st Quarter 2013