



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

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

# *PATH Fire Alarm System*

## *Existing Conditions*

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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*

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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*

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

## ***Estimated Cost and Schedule***

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**Total Planning Cost:** \$4 million

**Stage 1 (Planning Phase):**

**Start:** June 2012

**End:** July 2013

**Project Authorization** – Anticipated 1<sup>st</sup> Quarter 2013