

## **Fitchburg Commuter Rail Line - Project Status**

### **Fitchburg Commuter Rail Line Improvements Project (Small Starts)**

#### **ARRA CPF-43 Project**

#### **ARRA Double Track Project**

#### **Status Summary – December 2009**

#### **Commuter Rail Line Improvements Project (Small Starts)**

\$150M project funded through FTA Small Starts - \$75M State/\$75M Federal

Project Construction Start: October 28, 2010

Project Construction Complete: December 2013

Construction to be completed by combination Contractor and Force Account

Design Status: On-Going

Design suspended 4/30/09

Design reinstated 9/25/09

60% design package due 12/7/09

Contract Design Work 60% Complete

Force Account Design Work 50% Complete

#### **Project Description:**

The project goals include reduced travel time up to 10 minutes (varies by train) and increase reliability (on-time performance). Scope of work includes:

- Replace the antiquated single direction signal system from Cambridge to Acton with a cab signal system, update the balance of the signal system to Fitchburg
- Upgrade horizontal and vertical alignments to achieve 80 mph track speeds
- Install fiber optic cable Cambridge to Acton
- Double track 1.7 miles in Acton
- Construct Center Island High Level Platforms S. Acton Station
- Upgrade 13 at-grade crossings
- Repair/Replace Six Bridges
- Transfer Waltham Tower Operations to MBTA Control Center
- Nine New/Updated Interlockings
- Reconfigure Track Willows Freight Yard
- Drainage and Right of Way Improvements

#### **ARRA CPF-43 Project**

\$10.2M project funded 100% through FTA ARRA funds

Project Construction Start: October 2009

Current work includes removal of electrical poles, brush clearing, survey, installation of hay bales and silt fence.

Project Construction Complete: December 2011

Design Status: On-Going

Partial NTP for design (Amendment #3) 9/12/2009

Amendment #3 approved 10/21/09

MBCR Project Initiation Agreement No.0913 executed 9/21/09

Force Account Design 60% Complete

Permitting Status: Complete

**Project Description:**

To provide commuter rail operational flexibility and to minimize conflicts with freight. The scope of work includes:

- Provide a new #20 universal interlocking
- Provide a new #10 crossover to a new 1,000' freight switching lead service two existing freight consignees and new 1,000' maintenance of way track

**ARRA Double Track Project**

\$39.81M project funded 100% through FTA ARRA funds

Project Construction Start: April 2010

Project Construction Complete: December 2011

Design Status: On-Going

Design Amendment #3 approved 10/30/09

15% Complete

**Project Description:**

The installation of double track will improve on-time performance and increase reliability for the commuter rail service. The scope of work includes:

- Reinstall 8 miles of double track in the communities of Ayer, Littleton, Boxboro and Acton.
- Reconstruct 8 at-grade crossings
- Replace Littleton Station with High Level Platform(s)
- Add 1 new Universal Interlocking