Project Update

January, 2016
Program Definition/Goals

One Program/Multiple Projects:

- $172M Small Starts/Rt 62 Bridge (FTA/State)
- $10M CPF-43 Interlocking (ARRA)
- $43M Double Tracking (ARRA/EOHED)
- $74M Wachusett Extension (TIGER/State)
- $7M N. Leominster Parking (FTA/State)
- $306M Investment

Improve Performance

Increase Reliability/Access.
Decrease Travel Time
Extend Service
Program Construction Schedule

- CPF-43
  Complete

- Double Track
  Complete

- Small Starts/Rt.62
  Jan 2012 – Spring 2016

- N. Leominster Parking Garage
  Complete

- Wachusett Extension
  Fall 2011 - 2016
Double Track

8 Mi. of Double Track/New Littleton-495 Station

- Force Account Construction – MBCR
  - Track and Signal work complete

- Littleton Station Construction
  - Station and Parking complete
Double Track – Littleton Station

May 2013
Aerial Photo
(Courtesy of R. Coughlin)
Small Starts Project

- New Signal System - Boston to Acton
- Upgrade track alignments to achieve 79 MPH
- 1 mi second track South Acton to West Acton
- Reconfigure track in Ayer freight area
- High level platforms at South Acton Station
- Upgrade 30 grade crossing warning systems
- Repair or replace seven (7) bridges
- Nine (9) new or modified interlockings
- Transfer Waltham Tower to MBTA Control Center
Small Starts Update

• Three Construction Packages
  – Track & Signal – started July 2013
  – Bridges – started Dec 2012
  – South Acton – started Dec 2012

• Project is on schedule

• Complete by Dec 31, 2015
South Acton Station

Rendering of new station headhouse and overpass
Station - Construction Status

• New station opened December 21, 2015
• Construction will be complete by mid-2016
South Acton – Construction Progress
Bridges

Existing Route 62 Bridge in Concord
• Bridge repairs complete
• New Route 62 bridge rolled-in end of Aug 2015
West Acton Bridge
Baker’s Brook Bridge
Mill Pond Bridge
Sudbury River Bridge
Route 62 Bridge
Construction of new CP-18 Interlocking in Lincoln
Track/Signal - Constr. Status

- Track replaced at 8 grade crossings
- New Crossovers installed in Belmont (CP-6) Lincoln (CP-18) Acton (CP-25) and Fitchburg (CP-48)
- New Switches installed at each end of Waltham single-track segment (CP-9 and CP-10)
- New signal system activated
- New Crossovers in Ayer/Devens (CP-37) to be activated in Spring 2016
Second Track in W. Acton
New crossover in Ayer
East Main St bridge Ayer – Lowering Track to improve freight clearance
Installing new Signal in Concord
New signal and signal house in Lincoln
Curve Modifications to Increase Speed
Curve Work - Belmont
Curve Work – W. Cambridge
New CP-37 Crossovers
CP-25 Crossovers Progress
Construction Impact on Service

• Weekend service suspensions Fall 2013 to Fall 2015 successfully facilitated the work

• August 2014 to December 2015 - single track for Concord bridge work required adjustments to weekday train schedule

• Bonus: Additional Service to Littleton-495
• Speed increases starting in January 2015
CP-37 Monday Morning
Wachusett Extension

- Design and permitting complete
- Four construction packages
  - Station/layover site prep – Complete
  - Station/layover construction – Underway
  - Bridge repairs – Underway
  - Pan Am track/signal work – Underway
- Service to start Fall 2016
Wachusett Layover - Walls
Wachusett Station - Walls
Wachusett Track/Bridge Work
Wachusett – Track/Bridge Work
Fitchburg Commuter Rail Line Improvement Program

Program Highlights
- 9 Miles of Doubletrack
- Replace/Repair 7 Bridges
- 17 New/Upgraded Interlockings
- Waltham Tower to MBTA Control Center
- Systemwide Right of Way Improvements
- Systemwide Upgrade At-Grade Crossings
- Reconfigure Track at Willows Freight Yard
- High Level Platforms Littleton/495 and South Acton Stations
- Systemwide upgrade Track and Signal System for 79 MPH Operation
- Extend Service 4 miles to Wachusett
- New Wachusett Station – High Level Platform
- New Westminster Layover Facility