



Fitchburg

Commuter Rail

Line Improvement Project

Project Update

February, 2014



Program Definition/Goals

One Program/Multiple Projects:

\$159M Small Starts/Rt 62 Bridge (FTA/State)

\$ 10M CPF 43 (ARRA)

\$ 42M Double Tracking (ARRA/EOHED)

\$ 59M Wachusett Extension (TIGER)

\$ 7M N. Leominster Parking (FTA/State)

\$277M Investment

**Improve
Performance**



Increase Reliability/Access.
Decrease Travel Time
Extend Service



Program Construction Schedule

- **CPF 43**

Complete

- **Double Track**

Complete

- **Small Starts/Rt.62**

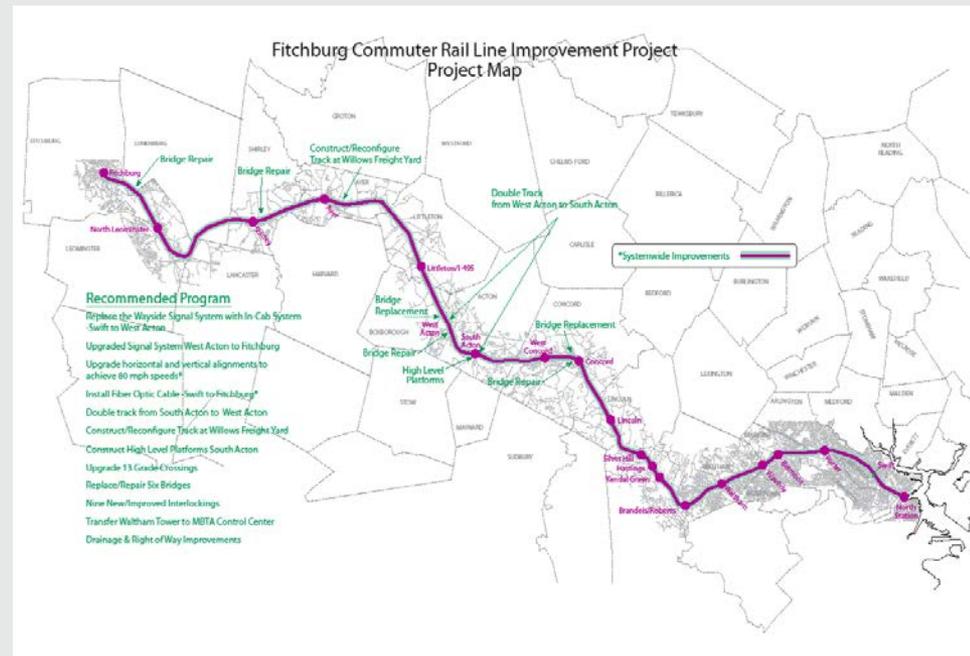
Jan 2012 – Dec 2015

- **N. Leominster Parking Garage**

Complete

- **Wachusett Extension**

Fall 2011- Dec 2014





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 double track South Acton to West Acton
- Reconfigure track at Willows Freight area
- Dual high level platforms at South Acton
- Upgrade 30 at- grade crossing warning systems
- Replace/repair seven (7) bridges
- Nine (9) new/modified interlockings
- Transfer Waltham Tower to MBTA Control Center



Small Starts Update

- Three Construction Packages
 - Track & Signal – NTP July 2013
 - Bridges – NTP Dec 2012
 - South Acton – NTP Dec 2012
- Project is on schedule
- Complete by Dec 31, 2015





South Acton Station





Station - Construction Status

- Headhouse and inbound platform foundations complete
- Work delayed due to subcontractor issue
- Expect inbound high-level platform to open by end of 2014
- Outbound platform to open in 2015



Bridges





Bridges - Construction Status

- Slope work complete at 2 locations
- Bridge repairs complete at 2 locations
- Phase 1 of West Acton bridge complete
- Phase 2 of West Acton bridge underway
- Sudbury River bridge repairs underway
- Clematis Brook culvert work in summer 2014
- Start Assabett River bridge in 2014
- Start Route 62 bridge prep in August 2014
- Route 62 bridge roll-in August 2015



Track and Signal





Track/Signal - Constr. Status

- 8 Crossing track replacements complete
- New Crossovers installed in Lincoln (CP-18)
- Installation of new signal equipment underway from Weston to Acton and in Shirley
- New signal system Lincoln to Acton to be in service by August 2014



Construction Impact on Service

- Weekend service suspensions September to November 2013 successfully facilitated the work
- 2014 weekend service suspensions end of April through November (except holidays)
- Starting August 2014 - single track for Concord bridge work will require adjustments to weekday train schedule



2014 Weekend Service

- April 26 through Jun 29th:
 - North Station to Brandeis only
- July 12th through Oct 11th:
 - No Weekend Service
- Oct 18th through Nov 22nd:
 - North Station to Brandeis only
- Normal service on Holiday Weekends
 - Memorial Day, Independence Day, Labor Day



Wachusett Extension





Wachusett Extension - Status

- Design and permitting complete
- Four construction packages
 - Station/layover site prep – Complete
 - Station/layover construction – Underway
 - Bridge repairs – Contract awarded
 - Pan Am track and signal work
 - Completing negotiation of construction agreement
 - Material procurement underway
- Initial service to start early 2015



Project Map

Fitchburg Commuter Rail Line Improvement Program Project Map

