

New Haven-Hartford-Springfield Rail Program



**Hartford Union Station – Public Involvement Meeting
March 27, 2014**

NHHS Rail Program Recap

➤ Program Goals:

- Enhanced regional rail service
- Frequent service in the peak hours (current service is only 6 round trips per day)
- Seamless connections to Amtrak & Metro North
- Continued growth in local freight rail service

➤ Long Term Vision

- 25 Round Trip Trains
- Additional connections to Boston, and Montreal
- 30 minute, bi-directional, peak hour service
- Hourly off-peak service

➤ Start-up Service – 2016

- 12-17 Round Trip Trains
- 45 minute frequency in the peak hour, hourly off-peak
- Bi-directional



Making Connections

- **Grand Central, Penn Station or Boston**
 - Acela trains to NYP/BOS
 - Metro-North trains to Grand Central Terminal
- **Expanded Service to Massachusetts/VT**
 - Knowledge Corridor to Greenfield
 - Boston-Springfield-NHV-NYP via the Inland Route
- **Bus Shuttle to Bradley Airport at Windsor Locks**
- **Transfer to/from CTfastrak at Hartford, Future Newington Station & West Hartford**

Time	Number	Train
4:02	3034	SHORE LINE EA
4:11	135	REGIONAL
4:32	6547	METRO-NORTH
4:41	57	VERMONTER
4:45	88	REGIONAL
4:50	488	REGIONAL
4:52	6549	METRO-NORTH

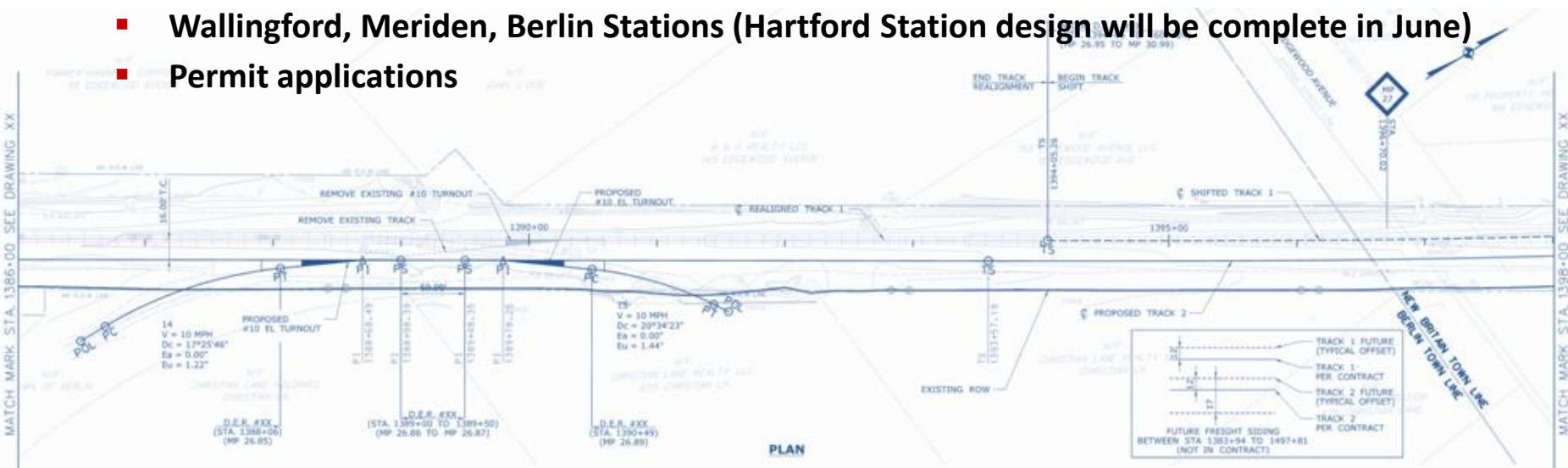
Regional Vision



New Haven-Hartford-Springfield Railroad Design Status

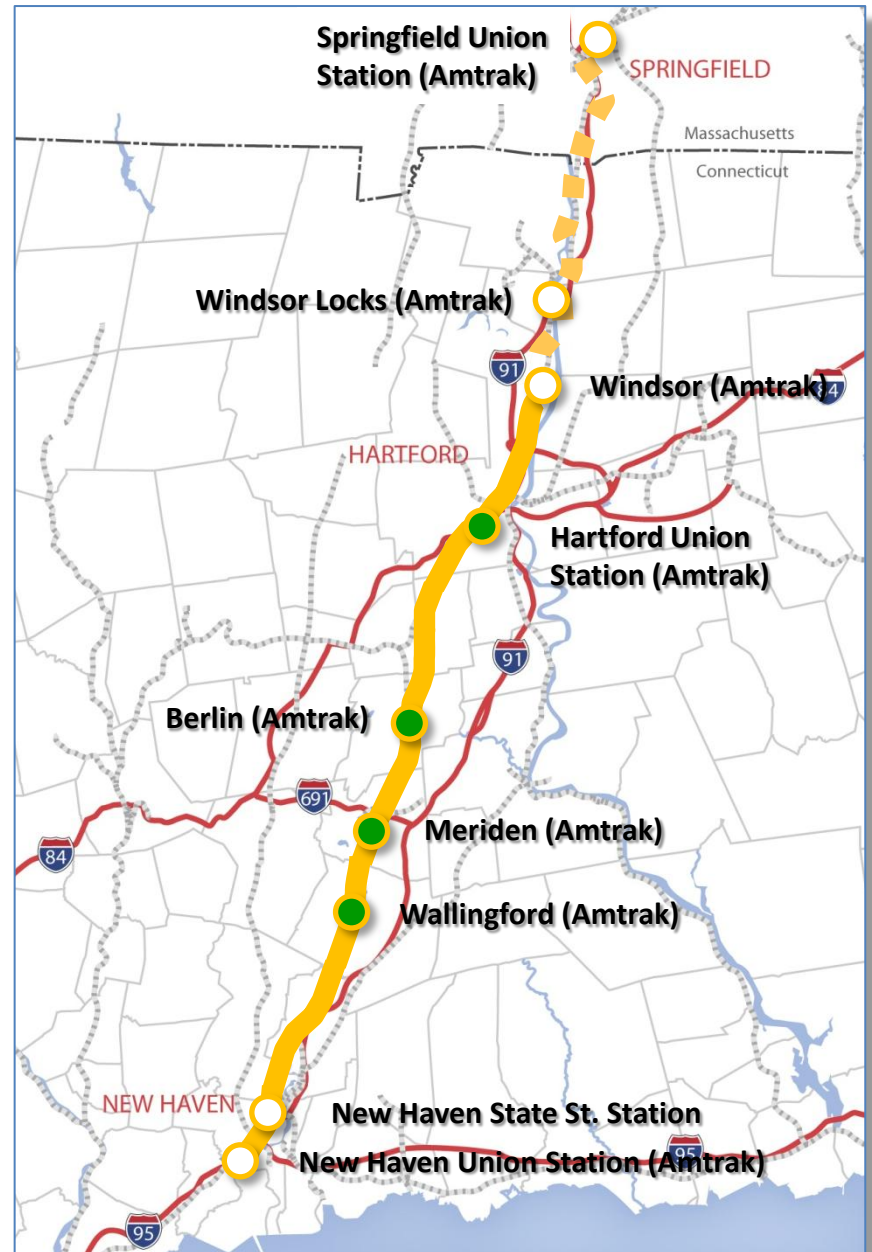
- All funding for 2016 service in place
 - Phase 1: Meriden-Berlin: \$60 million total - \$40 million Federal - \$20 million State
 - Phase 2: New Haven-Hartford: \$263 million total - \$121 million Federal - \$142 million State
 - Phase 3A: Hartford-Windsor: \$43 million total - \$30 million Federal - \$13 million State
 - Additional \$105 million in State Bond Authority to be applied over the entire program

- Final design complete
 - Track, signal, grade crossings, bridges, and structures
 - Wallingford, Meriden, Berlin Stations (Hartford Station design will be complete in June)
 - Permit applications



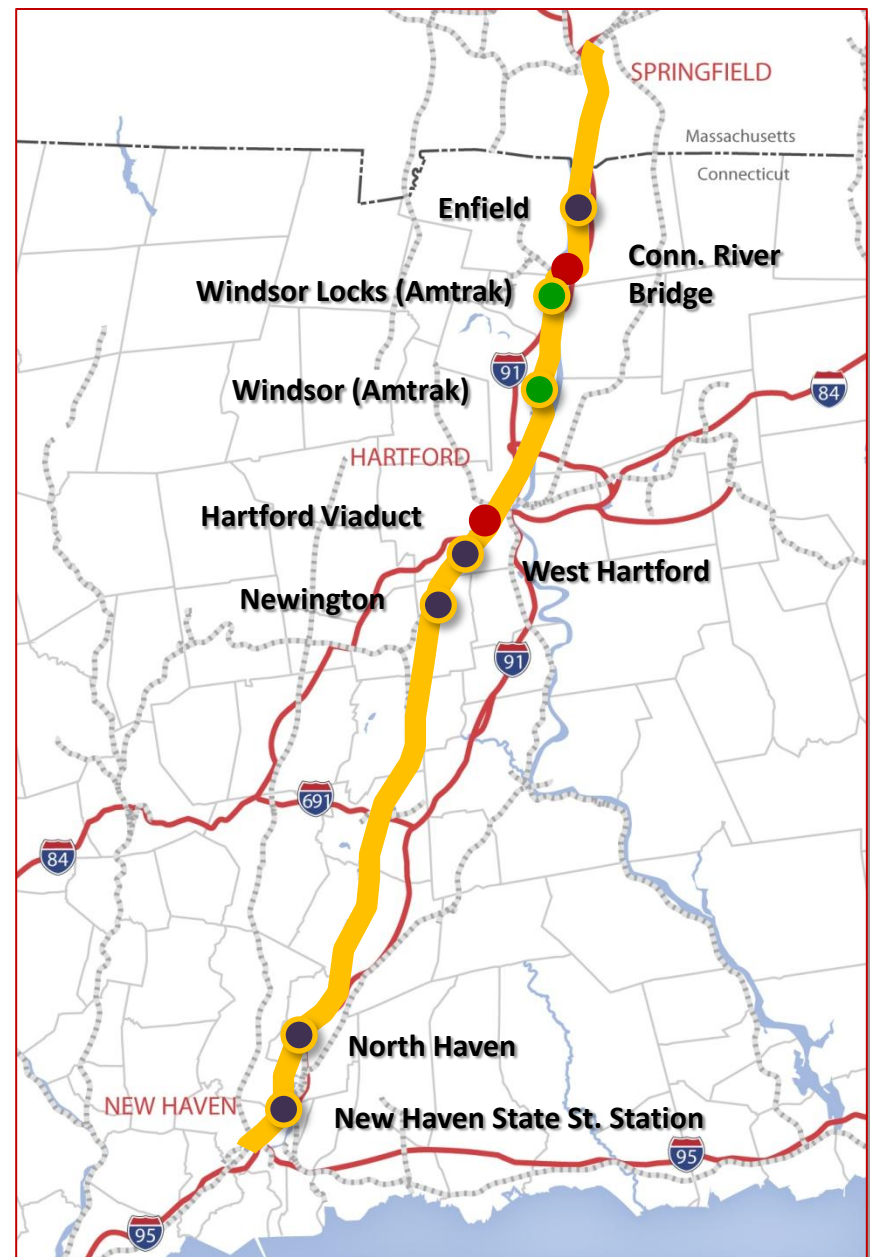
Funded Improvements 2016 Start-up

- **Phase 1: Meriden-Newington**
 - Adds 10.2 miles of second track between Meriden and Newington
- **Phase 2: New Haven-Hartford**
 - Adds all new track, signal, bridge and station infrastructure for additional service between New Haven and Hartford
- **Phase 3A: Hartford-Windsor**
 - Double track/sidings north of Hartford



Phasing NHHS Improvements

- **Phase 3B: Windsor-Springfield**
 - Complete double track/sidings to Springfield and construct the Windsor and Windsor Locks Stations
- **Phase 4: Regional Rail Upgrades**
 - Constructs four new NHHS stations (North Haven; Newington; West Hartford; Enfield)
 - State St. Station additional platform now funded through TIGER
- **Phase 5: Ongoing State-of-Good-Repair Program**
 - Repair Hartford Viaduct and Connecticut River Bridge



2016 Program Scope: Modernizing the Infrastructure & Service

- Track & signal improvements over 39 miles
- Upgrades to 24 bridges and drainage structures to accommodate double tracking
 - Prevent track flooding
- 10 at-grade crossing upgrades to enhance safety



2016 Program Scope: Modernizing The Stations

- **Purpose: Enhance accessibility; speed boarding; stimulate local development**
- **Scope**
 - **High-level platforms on both sides of tracks; “up & over” access with elevators**
 - **Increased and enhanced parking**
 - **Relocation of the Wallingford Station**
 - **Public address, visual messaging, security, and automated ticketing**



Why Make the Investment?

➤ Fast, Convenient Regional Transportation

- Connects/integrates regional transportation across New England
- More frequent service
- Faster service

➤ Creates Engine For Local Economic & Station Area Development

- Construction-related & long-term job growth
- Provides the connections to livable communities along the rail line



➤ Establishes An Interconnected Public Transportation System for Connecticut's Future

- Metro North
- Amtrak
- CTfastrak
- Shore Line East
- Local bus service
- Bradley International Airport

New Haven-Hartford-Springfield Railroad Transit Oriented Development

- **Multi-agency state task force targeting TOD in Meriden**
 - Coordinating individual efforts related to transportation, housing, and flood control
 - Coordinating a plan for mixed use development adjacent to the station that includes commercial, retail, housing and parking
- **Other TOD initiatives underway at current and future stations in:**

- Enfield
- Windsor Locks
- Windsor
- North Haven
- Berlin



New Haven-Hartford-Springfield Railroad Ground Breaking

- **Advanced signal cable installation started in November 2012**
 - Cable plow speeds construction and minimizes service disruptions
 - 62 miles of signal power, communication, and fiber optic cable
 - Includes all 3 phases of the project from New Haven-Springfield
 - Coordinated with CTfastrak and Amtrak PTC installation
 - Full system cut-over scheduled for June 2014



New Haven-Hartford-Springfield Railroad Key Dates

➤ Design Milestones

- Design Completion: February 2014
- Bid Opening: July 2014

➤ Construction Milestones

- Start Construction: August 2014
- Complete Construction New Haven – Hartford: October 2016
- Start of Enhanced Service: December 2016
- Complete Construction Hartford – Windsor: June 2017





➤ New High-Level Platform

- 15 ½-foot platform at 4-feet above top of rail
- 260-foot long boarding area
- Low-level area will no longer be used for boarding
- Benches and Trash Receptacles

➤ General Improvements – Upper Level

- New Static Signage
- New Stairway directly to Asylum St.
- CCTV Cameras
- Digital Passenger Information Displays
- Blue light security phones
- Ticket Vending Machines
- Lighting Upgrades and Backup Power

➤ General Improvements – Lower Level

- Support areas for communication systems
- Ticket Vending Machine

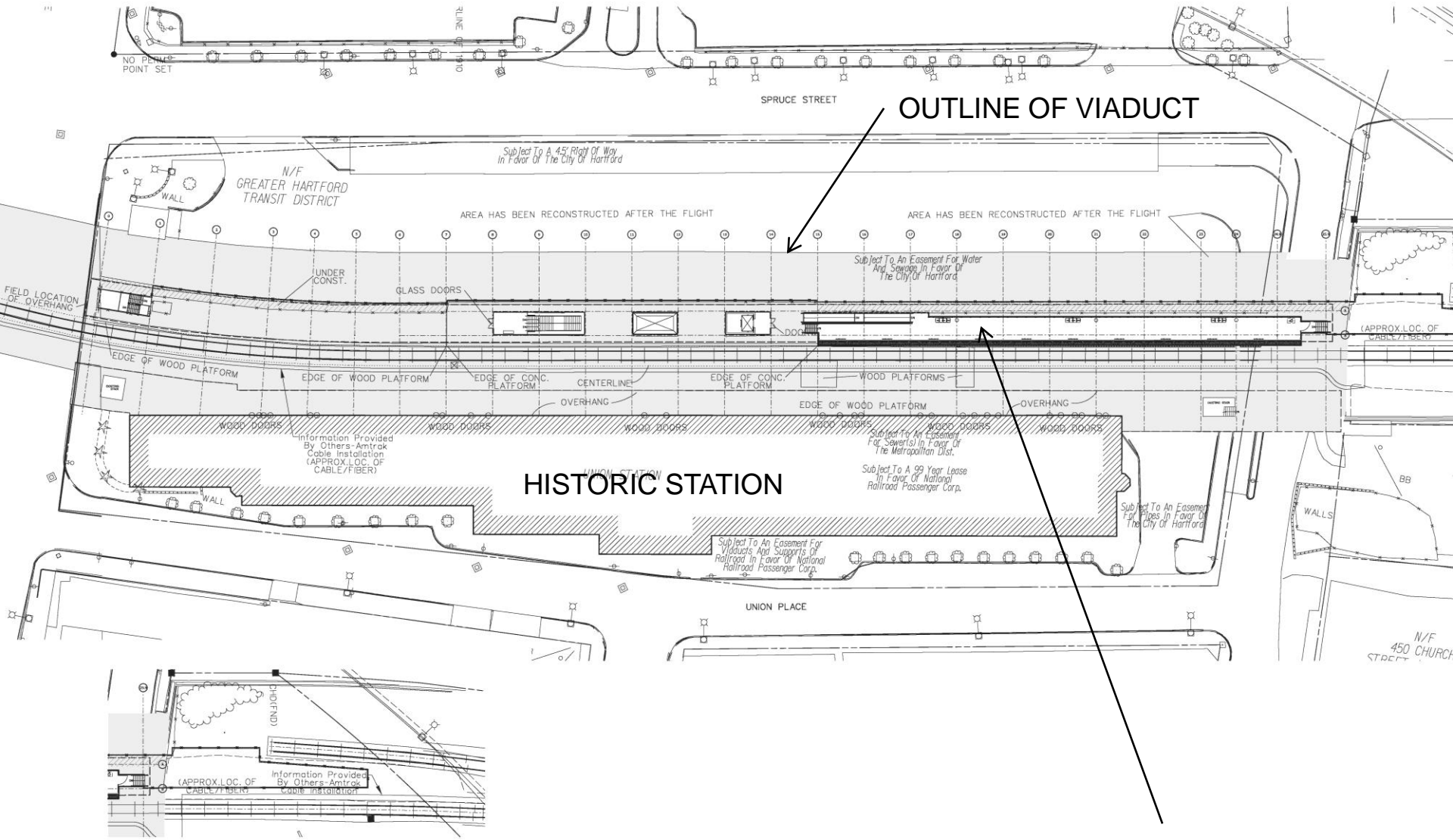
STATISTICS



AERIAL VIEW



SITE PLAN



NEW HIGH-LEVEL PLATFORM





PLATFORM



NHHS Rail Project Contact

John Bernick, CT DOT

(860) 594-3304

John.Bernick@ct.gov

www.nhhsrail.com

