New Haven-Hartford-Springfield Rail Program



State Street Station – Public Information Meeting July 22, 2015

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

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





Making Connections

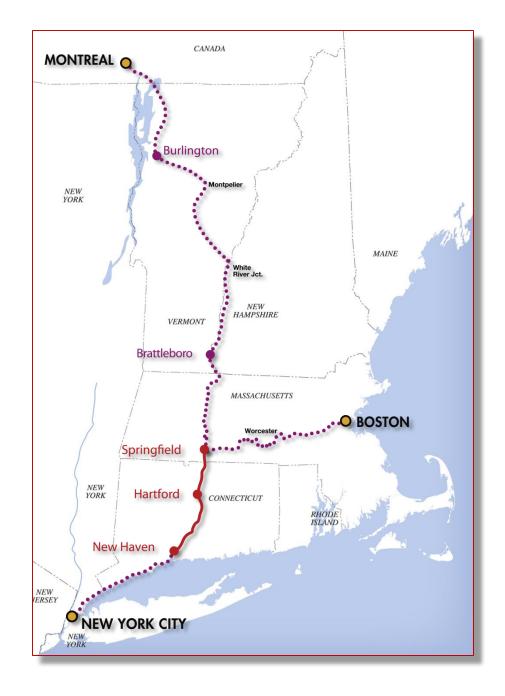
- Grand Central, Penn Station or Boston
 - Acela trains to NYP/BOS
 - Metro-North trains to Grand Central Terminal
- Expanded Service to Massachusetts/VT
 - Knowledge Corridor to Greenfield
 - Boston-Springfield-NHV-NYP via the Inland Route
- Bus Shuttle to Bradley Airport at Windsor Locks
- Transfer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

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







New Haven-Hartford-Springfield Railroad Design Status

- Funding for start-up 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

Permit applications

REMOVE EXISTING PIO TURNOUT

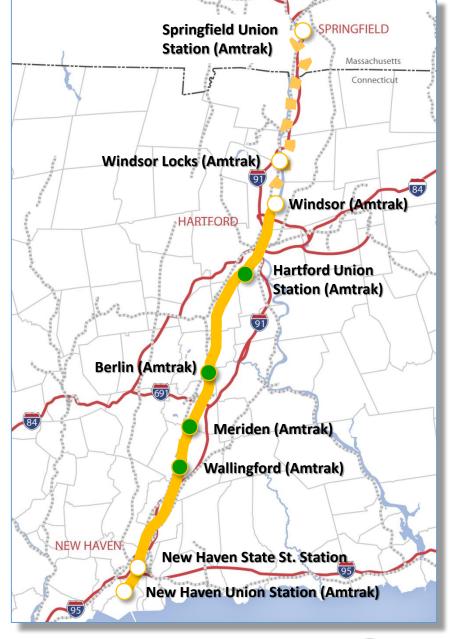
REMOVE EXISTING FIRST TRACK

REMOVE EXIST TRACK



Funded Improvements Service 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
 - State St. Station additional platform funded through TIGER
- Phase 3A: Hartford-Windsor
 - Double track/sidings north of Hartford

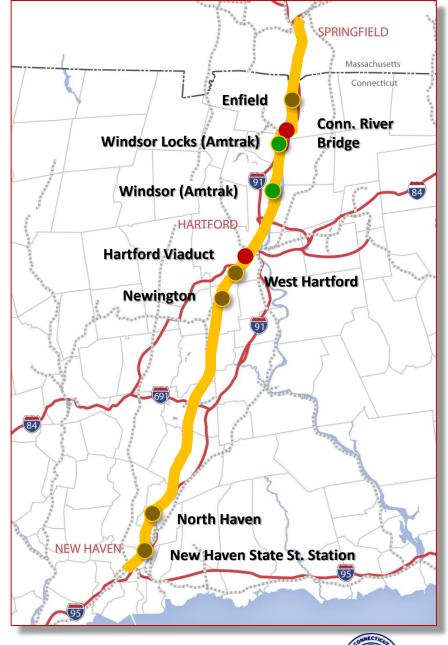






Future NHHS Improvements

- Windsor-Springfield
 - Complete double track/sidings
- Regional Rail Upgrades
 - Upgrades to existing stations and new stations (North Haven, Newington, West Hartford, Windsor, Windsor Locks, Enfield)
- Ongoing
 - Repair Hartford Viaduct in conjunction with I-84 and Connecticut River Bridge







Start- Up Program Scope: Modernizing the Infrastructure & Service

- > Track & signal improvements over 27 miles with 2 miles of sidings
- Upgrades to 35 bridges and drainage structures to accommodate
 41 miles of double tracking
 - Prevent track flooding
- 18 at-grade crossing upgrades to enhance safety







Service Start – Up Program Scope: Modernizing the Stations

- Purpose: Enhance accessibility; speed boarding; stimulate local development
- Construction began late 2014
 - New stations in Wallingford, Meriden and Berlin
 - Improvements at Hartford Union Station
 - High-level platforms on both sides of tracks; "up & over" access with elevators
 - Increased and enhanced parking
 - 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 taskforce targeting TOD on the Hartford Line
- Meriden TOD an early success
 - State agencies coordinated efforts on transportation, housing, & flood control
 - Construction started on <u>mixed use development</u> with station parking





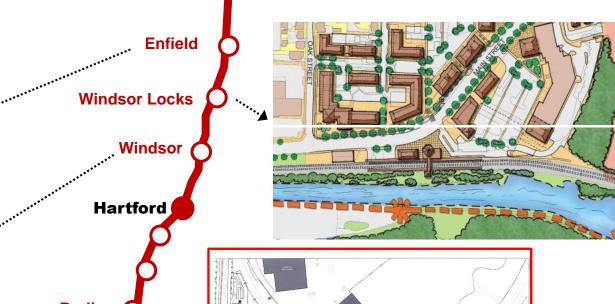


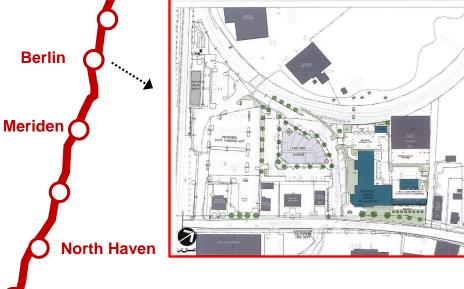
New Haven-Hartford-Springfield Railroad Communities Pursuing Transit Oriented Development

New Haven











New Haven-Hartford-Springfield Railroad Key Dates

Construction Milestones

Start Construction: Summer 2015

Complete Construction New Haven – Hartford: October 2016

Complete Construction Hartford – Windsor: June 2017









Existing Station Entrance





Station Entrance



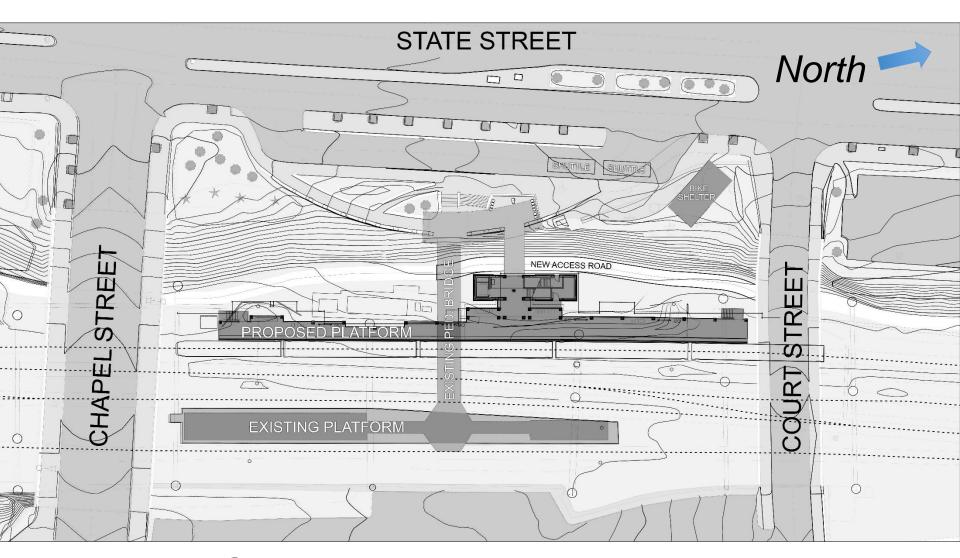
HARTFORD LINE

STATE STREET

NAVEN LINE





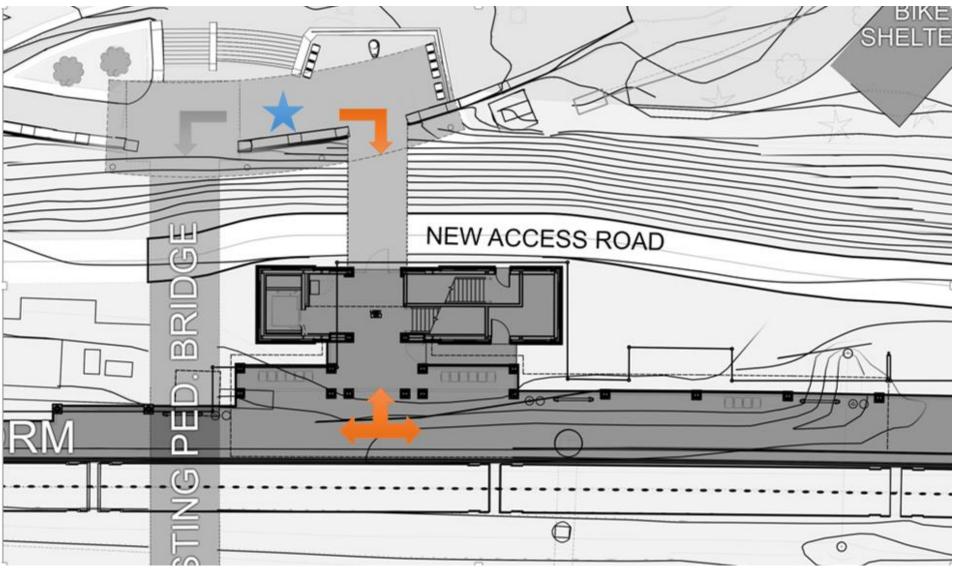


Proposed Site Plan





State Street Station





Passenger Flow



State Street Station



Proposed Improvements – Bird's Eye View of Entrance





State Street Station



Proposed Improvements – Platform View







Security Improvements-Blue Light Phones and CCTV Cameras



Lighting Improvements-100% LED Site Lighting and Platform Lighting

Platform Snowmelt System

Acela Express No. 2126 To New York Status 7:30PM



Platform and Entryway Seating



Covered Bicycle Parking

Time		No.	Train	То	Status	Gate/ Track
12:30p	MARTING DE	424	Hartford Line	Springfield	Boarding	A7
2:30p	AMTHAX	95	N.E. Regional	Newport News	On Time	H23
3:00p	AMTRAK	2170	Acela Express	Boston	On Time	F18
3:00p	AMITAN	91	The Silver Star	Miami	On Time	J24
3:02p	AMVHAN	148	N.E. Regional	Springfield	On Time	B10
3:28p	MANTON ON	426	Hartford Line	Springfield	On Time	L
3:35p	0	873	Shoreline East	New London	On Time	Α
3:35p	MATTER DE	303	Hartford Line	Springfield	On Time	L
3:45p		327	Shoreline East	New London	On Time	L
3:50p	MANY DEC UNE	891	Hartford Line	Springfield	Cancelled	
4:00p	AMTRAX	2172	Acela Express	New York	On Time	Α
4:05p	AMTRAK	178	N.E. Regional	Boston	Delayed	
ational	Train	Day on	Saturday May 8th	at Union Station • C	elebrate Natio	onal Tr

Real-Time Passenger Information Displays

Proposed Improvements





State Street Station Schedule

- Design September 2015
- Advertise November 2015
- Begin Construction January 2015
- End Construction August 2016
- Cost Code I under \$15 million







Department of Transportation Division of Rights of Way (ROW)

Project Coordinator: Michelle Miller 2800 Berlin Turnpike P.O. Box 317546 Newington, CT 06131-7546





Function

To acquire all property/property rights necessary for transportation projects.





Statutory References

State of Connecticut

- C.G.S. Section 13a-73 & 13a-98c

Federal

- Uniform Relocation Assistance and Real Properties Acquisition Act of 1970, as amended.





Property Impacts

- Partial acquisitions
- Easements
- Construction easements
- Rights

* Impacts are subject to change as design progresses.





ROW Process

- Letter of Intent to acquire & property map
- ROW valuation
- Offer of Compensation (written and oral)
- Negotiation with each property owner
- Acquisition occurs
 - Agreement
 - Eminent domain/condemnation
 - \$ offered available to property owner at anytime without prejudice
 - · 6 month appeal period after filing





Timing for Acquisitions

All property rights must be acquired by the project advertising date.

• Current advertising date: 11/4/2015





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Questions?

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