



Bruce Freeman Rail Trail Sudbury, Massachusetts

Presented by
VHB

June 21, 2016

Highlights

- Project Overview
- Pre-Design Process
- 25% Design
- MassDOT Design Process

Bruce Freeman Rail Trail

Public Meeting

Tuesday, June 21, 2016 @ 7:00 pm

Sudbury Town Hall



- *What is the current status of the Rail Trail project?*
- *What is the design process & who is involved?*
- *How is the project being funded?*
- *What opportunities will there be for public input?*

We Want to Hear From You ! Come to the forum with your comments and questions. Email questions to community@sudbury.ma.us in advance. Please put “BFRT” in the subject line of your email and include your name and address for the public record.

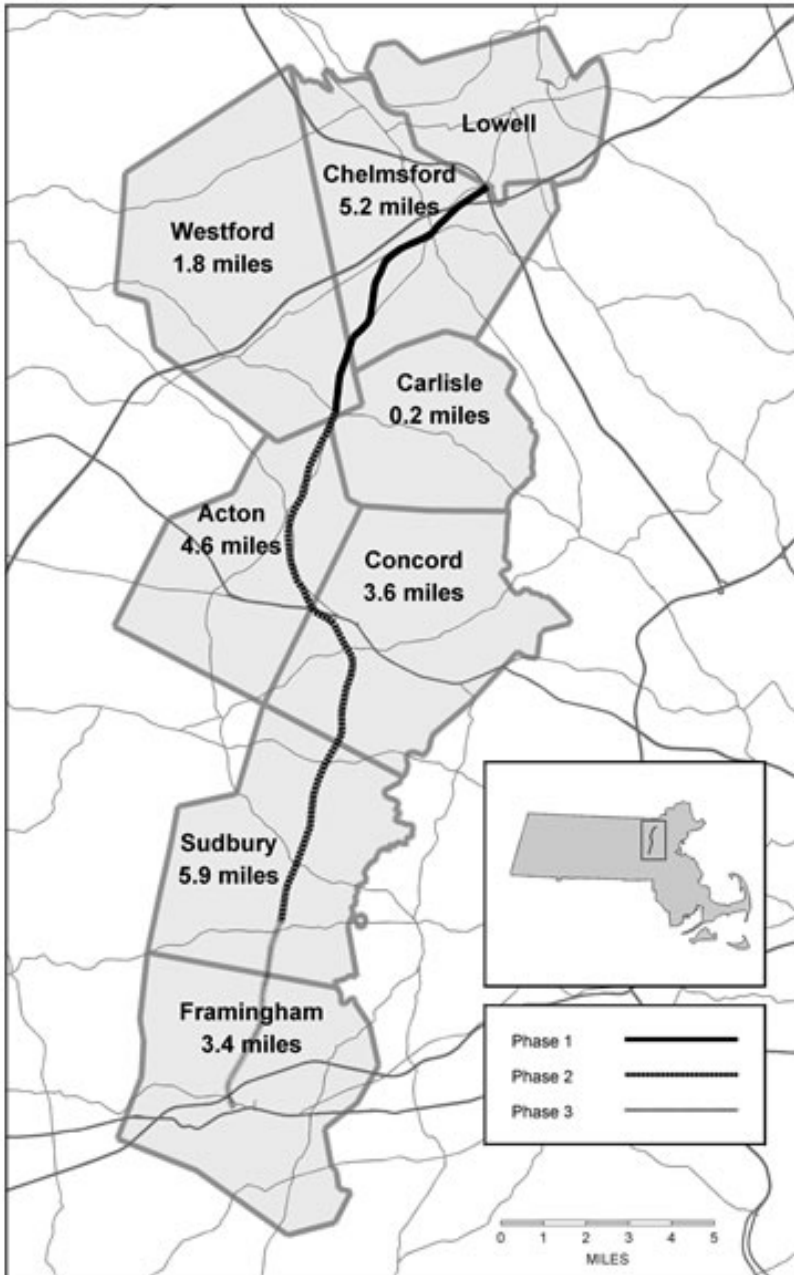
The Bruce Freeman Rail Trail (BFRT) is a proposed trail running along the old New Haven Railroad. It will eventually connect Lowell to Framingham, giving Sudbury residents access to the Commuter Rail Stations in both Concord and Framingham. There are many other benefits that will come from this project, such as important pedestrian upgrades at trail crossings. Please join us on Tuesday, June 21, 2016, from 7:00 - 9:00 pm at Town Hall for a presentation on the progress of this great resource.

Project Overview



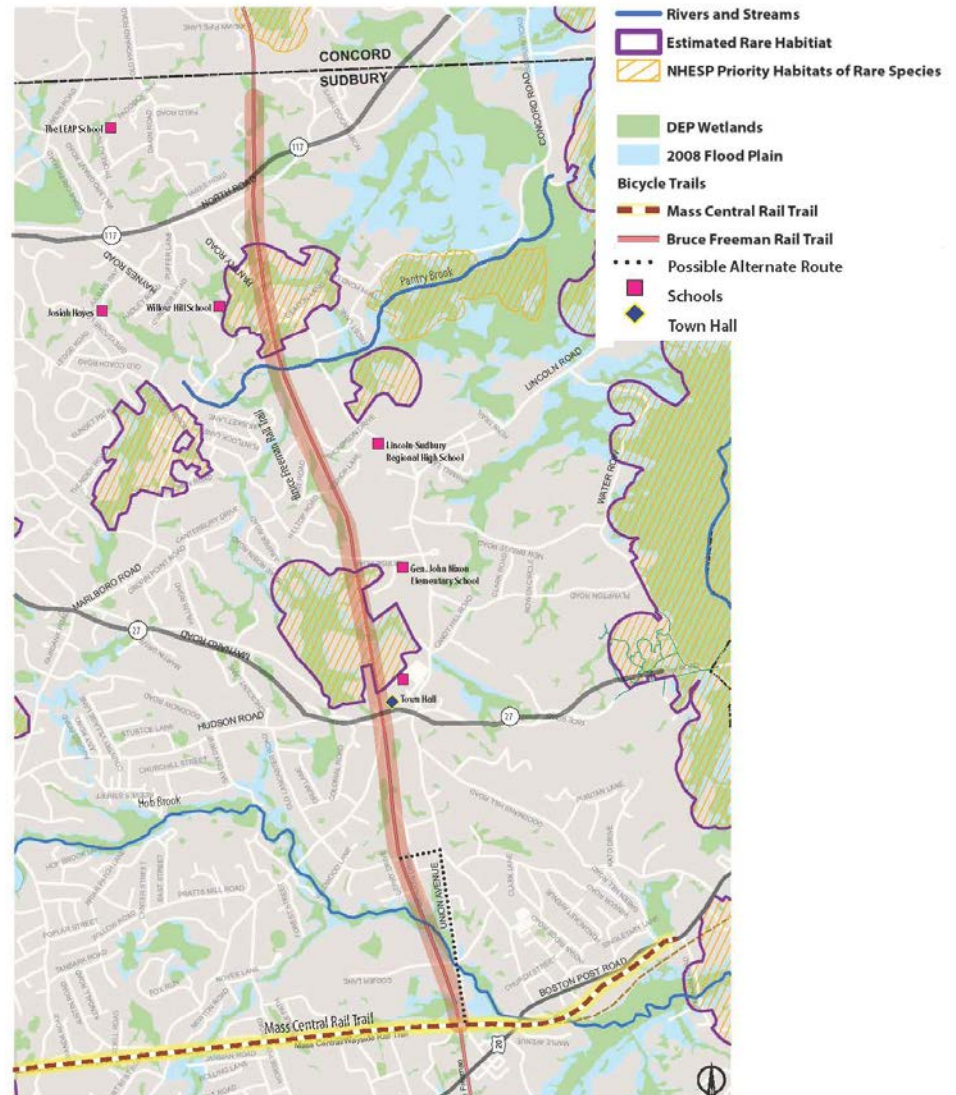
Bruce Freeman Rail Trail (BFRT)

- BFRT is a 25-mile rail trail between Lowell and Framingham along the former Old Colony Railroad
- The rail corridor is owned by the Commonwealth of Massachusetts (MBTA)
- 6.8 miles constructed in Lowell, Chelmsford & Westford
- Concord Section from Commonwealth Ave to Powder Mill Road is scheduled for construction in Spring 2017



BFRT in Sudbury

- In Sudbury, the rail trail is a north-south corridor which extends from south Sudbury north approximately 4.4 miles to the Concord Town line
- Intersects the MassCentral Rail Trail (east-west corridor) near Route 20
- This project is from the Station Road near the junction with MassCentral north to the Concord Town line



Pre-Design Process



Pre-Design Process

- Data Collection
 - Ground Survey
 - Locating wetland boundaries
 - Bridge Inspections



Pre-Design Process

- Establish Environmental Constraints
 - File an Abbreviated Notice of Resource Area Determination (ANRAD) with Sudbury Conservation Commission



Pre-Design Process



- Design Development
 - Conceptual Path Alignment
 - Path Alternatives Analysis along Union Avenue
 - Monthly Design Meetings
 - Preliminary Structural Analysis
 - Parking Study
 - Davis Park
 - Route 20 (Location TBD)
 - Roadway Crossings
 - Conduct safety analysis
 - Development of alternatives for each roadway crossing
 - Evaluate signal warrants

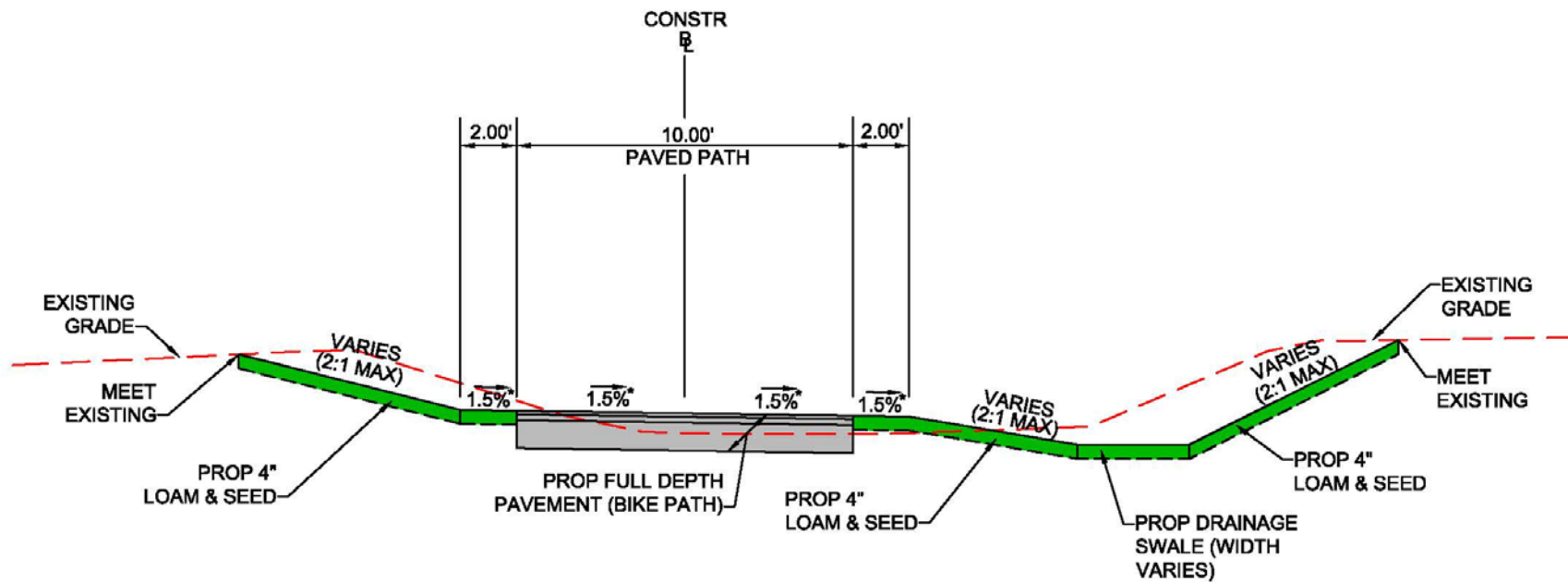
25% Design



Project Design Elements

- Consistent with MassDOT & AASHTO design standards
- 14 foot wide path (10 foot paved, with two-foot grassed shoulders)
- Grass drainage swales
- Selective vegetation removal, planting, Gateways, Landscape & interpretive elements (tbd at 75% design stage)

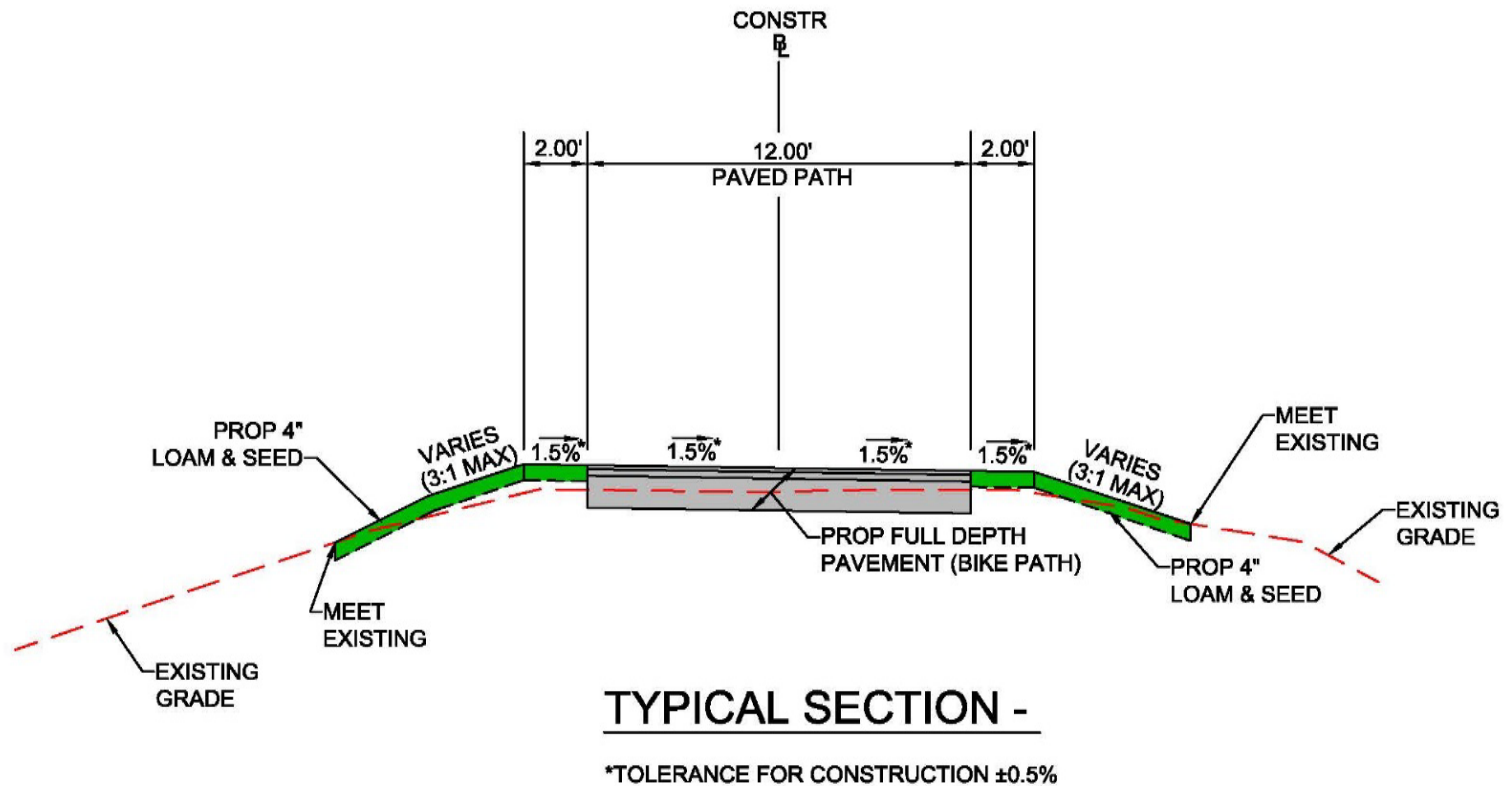
Project Design Elements



TYPICAL SECTION WITH DRAINAGE SWALE-

***TOLERANCE FOR CONSTRUCTION $\pm 0.5\%$**

Project Design Elements



Scope of Work for 25% Submission

- 25% Design Plans
 - Preliminary Horizontal & Vertical Alignments
 - Improvements to roadway crossings
 - Development of drainage system (grass swales)
 - Wetland resource impacts & mitigation
- Right-of-Way (ROW) plans
- Preliminary Structures Report



Opportunity for Public Input

- Monthly Town Meetings during the 25% Design Stage
- Conservation Commission Hearing for ANRAD
- 25% Design Public Hearing held by MassDOT

Anticipated 25% Design Schedule

- Monthly Town Meetings – now until Nov/Dec 2016
- Conservation Commission Hearing for ANRAD – July 2016
- Conceptual Design & Alternatives – can begin after ANRAD
- 25% Design Submittal to MassDOT – Nov/Dec 2016
- 25% Design Public Hearing – June/July 2017

MassDOT Design Process



Project Funding

- Design – Town Funds
- Construction Funds – Eligible for State & Federal funding through MassDOT
 - Project Need Form (PNF) completed in February 2015
 - Project Initiation Form (PIF) completed in March 2015
 - Approved for funding by the Project Review Committee (PRC) in March 2015
- Currently not funded

MassDOT Design Process

- 25% Design Submission
- 25% Public Hearing conducted by MassDOT
- 75% Design Submission
- 100% Design Submission
- Final Design Submission
- Bidding

If you have additional questions or comments, please contact:

townmanager@sudbury.ma.us



Offices located throughout the east coast