



Memorandum

To: Beth Suedmeyer
Planning and Community
Development
Town of Sudbury

Date: October 26, 2016

Project #: 12984.00

From: Tracie Lenhardt, P.E.

Re: Bruce Freeman Rail Trail

This memorandum has been prepared to provide the Town with a status update of the design process of the Bruce Freeman Rail Trail. The memorandum summarizes the work that has progressed since the last public meeting on August 25, 2016.

Environmental:

- The ANRAD was prepared and submitted to the Sudbury Conservation Commission on July 25, 2016.
- VHB attended the Conservation Commission hearing on September 26, 2016.
- VHB attended a site walk on October 5, 2016 with Dave Burke (peer reviewer for the Conservation Commission), Debbie Dineen, Beth Suedmeyer and various Commission members.
- VHB provided revised plans to the Conservation Commission on October 25, 2016 based on comments from the commission, peer reviewer and discussions with the group during the field walk.
- It is anticipated that the hearing will be continued on November 7, 2016.

Functional Design Report:

- Traffic Counts –
 - VHB created a traffic count program and ordered the counts through a vendor. The counts were conducted October 12 – October 15, 2016.
- Parking Study –
 - VHB coordinated with the Town to determine locations for a parking study. The study is to focus on publicly owned land adjacent to the rail trail and includes: Parkinson (Ti-Sales) Field, Featherland Park and Davis Field.
 - A parking inventory was taken on Friday, October 14 in the evening, and on Saturday Oct 15 and Sunday Oct 16 in the late morning & early afternoons.

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PO Box 9151
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Conceptual Design:

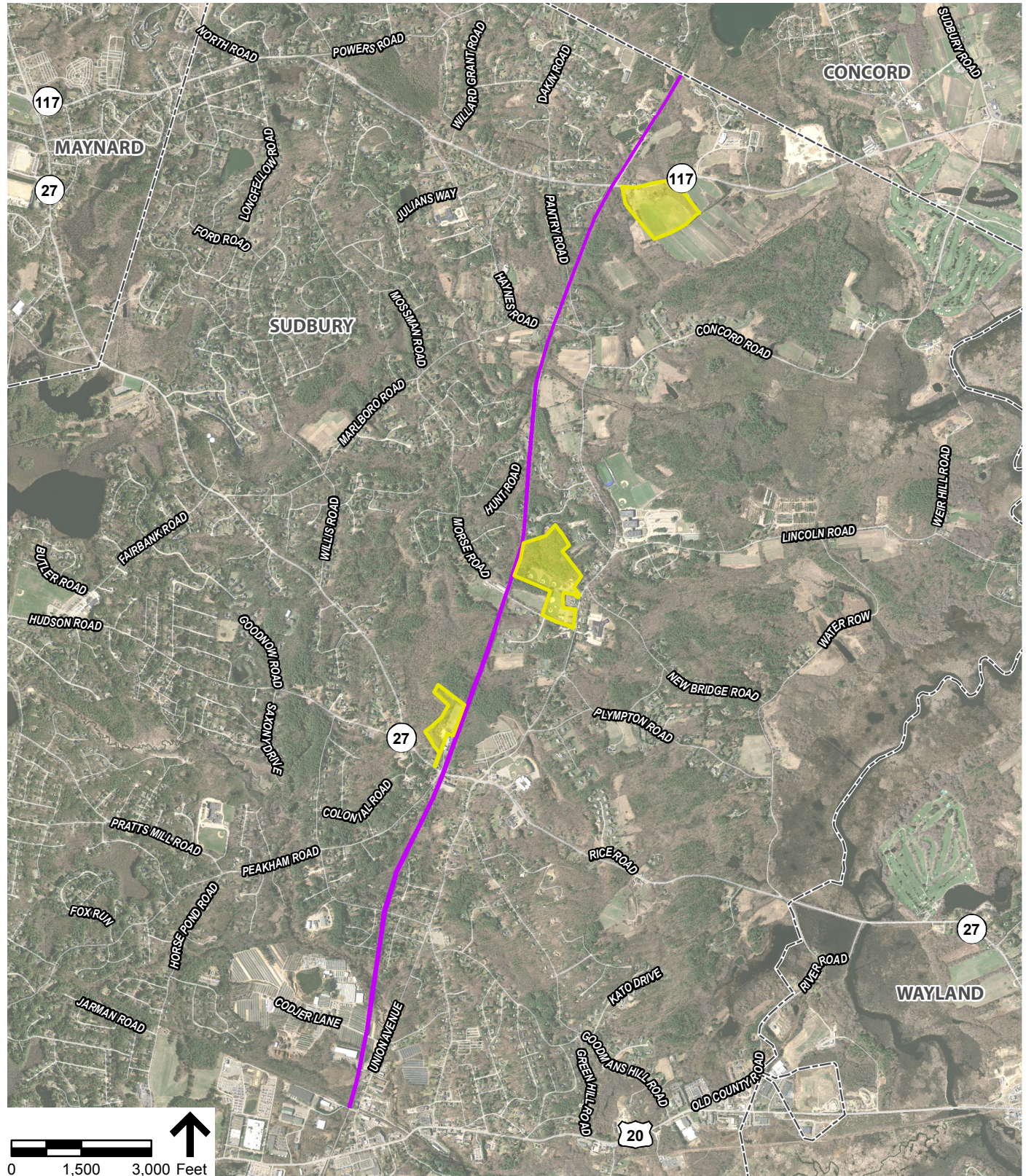
- VHB began laying out the preliminary horizontal and vertical alignments of a 10' path (with 2' shoulders). The goal is to avoid impacts to wetlands and minimize impacts and vegetation clearing to the side slopes. This effort also includes a cross section study.
- VHB conducted sight distance evaluations at each of the rail/roadway crossings.

25% Highway Design:

- VHB began setting up standard drawings for the 25% Design submission. These plans include:
 - Cover sheet
 - Legend & abbreviations
 - General notes
 - Typical sections
 - General plans
 - Profiles

Structural:

- The Hop Brook Preliminary Structures Report has been progressed.



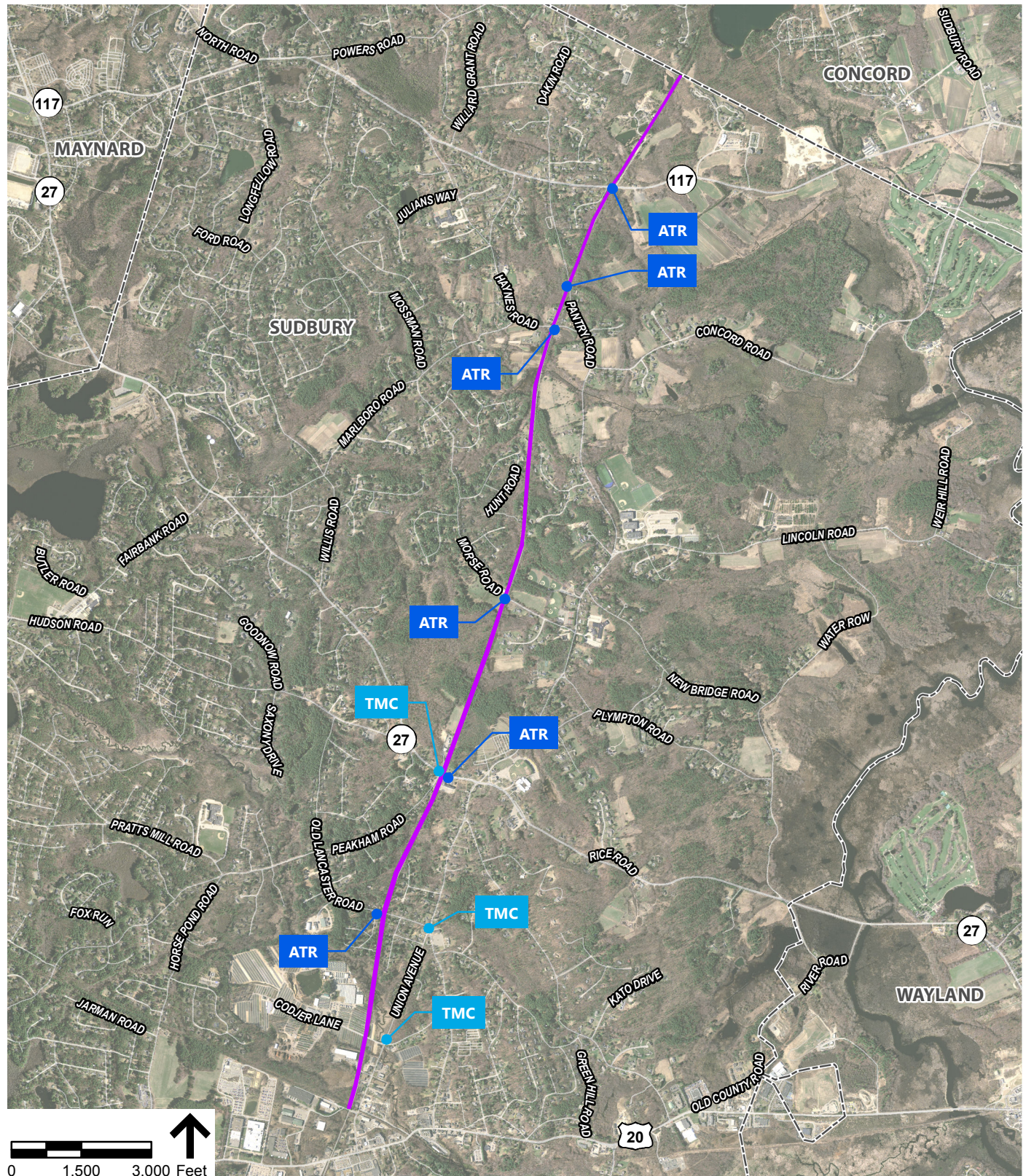
 Parking Lot Parcel

 Project Location



Figure 2

Parking Lot Locations
Bruce Freeman Rail Trail
Sudbury, Massachusetts



- ATR Automatic Traffic Recorder Count
- TMC Turning Movement and Classification Count
- Project Location



Figure 1

Traffic Count Locations
Bruce Freeman Rail Trail
Sudbury, Massachusetts

Bruce Freeman Rail Trail Schedule

Oct 26, 2016

2015			2016												2017											
Nov	Dec		Jan	Feb	Mar	Apr	May	June	July	AUG	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	AUG	Sept	Oct	Nov	Dec
<u>Data Collection</u>																										
Wetland Delineation			X	X	X	X																				
Ground Survey*		X	X	X																						
Base mapping *				X	X	X	X																			
Traffic data (Provided by Town)											X	X														
Bridge Field Investigation							X	X																		
<u>Design Development</u>																										
Parking study at Davis Park											X	X														
Prepare concept plan												X	X													
Conduit Safety Analysis at Road Crossings												X	X													
Prepare Functional Design Report (FDR)												X	X	X	X											
Prepare 25 percent Design Submittal												X	X	X	X	X	X									
Preliminary Structural Analysis							X	X																		
Preliminary Structures Report											X	X	X	X	X											
MassDOT Review																	X	X	X	X	X					
Respond to MassDOT comments																			X	X						
Conduct MassDOT Public Hearing																					X					
<u>Environmental Permitting</u>																										
Prepare ANRAD								X	X																	
Attend Conservation Commission Hearing											M	M	M													
Prepare Early Env Coordination														X	X	X										
<u>Right of Way</u>																										
Prepare Preliminary Right of Way Plans																X	X									
<u>Meetings</u>																										
Public information meetings								M		M			M	M	M	M										
Utility meeting																					M					
Staff meetings									M		M		M		M		M		M		M					
Abutter meetings														M		M										

*Weather Permitting