



# Using eightolives' Trains

eightolives Trains

4:56 PM

North Station\*

Show/Hide Alerts:

Train Board

5:00 PM	3 min	to Wachusett: Outbound 419 (5:00 pm from North Station)
5:00 PM	3 min	to Rockport: Outbound 117 (5:00 pm from North Station)
5:10 PM	13 min	to Lowell: Outbound 331 (5:10 pm from North Station)
5:15 PM	18 min	to Haverhill: Outbound 215 (5:15 pm from North Station)



eightolives' Trains is a browser-based web-app that displays commuter rail, subway and bus schedule information for the Massachusetts MBTA system and other selected transit lines.

- Finds nearby stops using your geolocation position (“Here”)
- Displays predicted or scheduled times for a selected stop or a selected trip
- Shows pertinent “alert” messages
- Find Connections for planning a desired trip
- Interact with a Google Map or EO Map graphic to find stops or plot routes, vehicle locations or connection itineraries.
- Save and retrieve key schedules for viewing when you’re not on-line
- Tested with Firefox, Safari and Chrome browsers.



# Quick Hints

- Start the tool at <https://www.eightolives.com/docs/Trains/Trains.htm>
- Most items are “clickable” for changing views or getting menus
- Allowing access to your geolocation makes “Here” work - recommended
- Prediction data is normally available for a 60 minute window. Schedule data is used when no prediction data is available.
- Data updates can take up to a minute. Click things to change things. Use the Refresh menu option if data seems stale.
- Things work when you’re on-line. Save key schedules as files if you want to access something when off-line.

eightolives Trains

3:13 PM

Lawrence

3.2 mi

Show/Hide Alerts:

Train Board

3:41 PM	27 min	to North Station: Inbound 218 (3:30 pm from Haverhill)
4:10 PM	56 min	to Haverhill: Outbound 211 (3:15 pm from North Station)

javascript:placeOptions()

Click for Tri-bar menu

Click to Find Connections

Click to show or hide alerts

Click on row to see the stops for that trip.

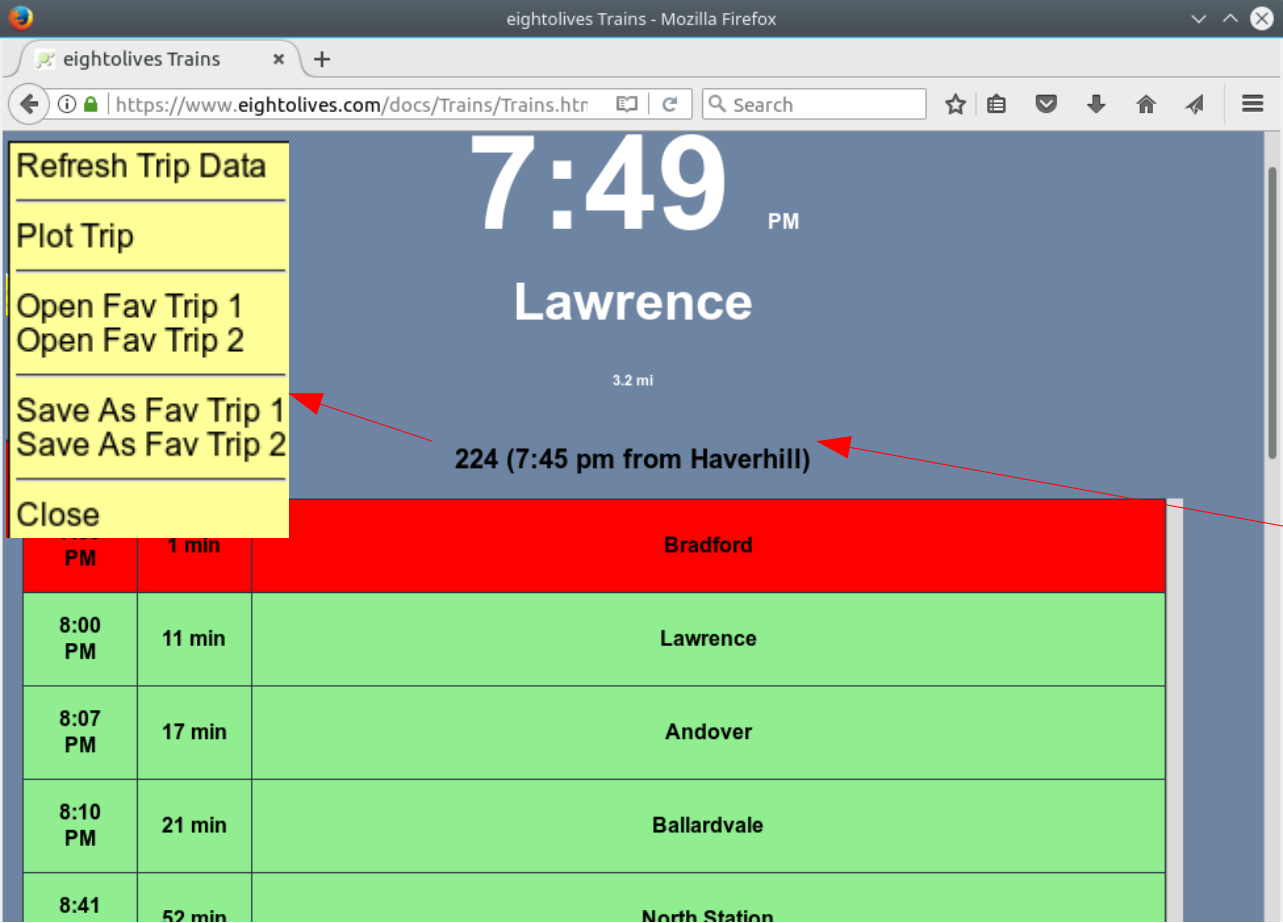
Click for Help menu

Click to Show the Train Board or change the stop or station

Click "Train Board" to refresh the data.

The Train Board shows predicted or scheduled trips at the selected stop or station.

# Clicking a trip on the Train Board displays the stops of that trip



Red background is within 5 minutes of event.

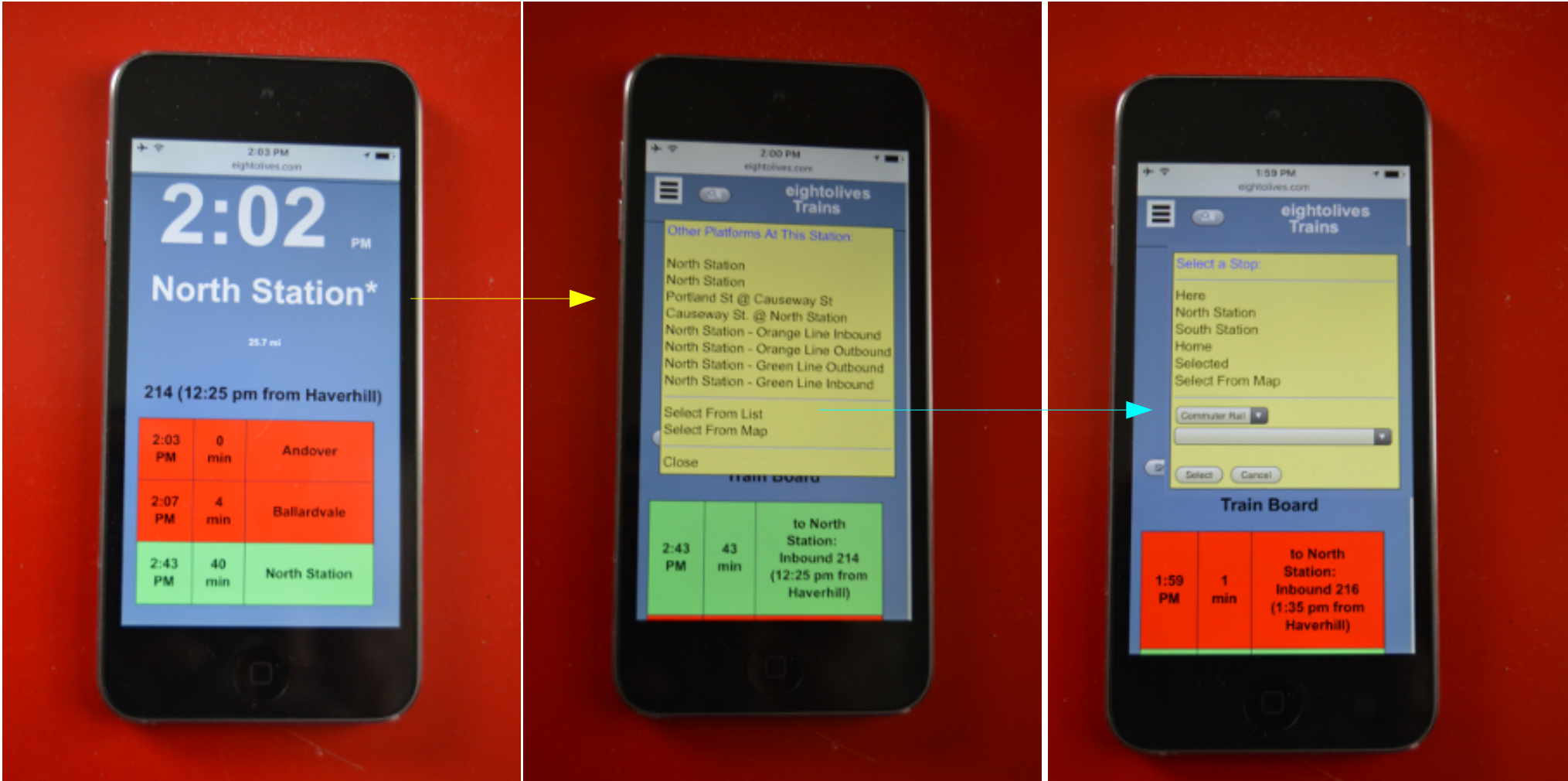
Green background is an upcoming event.

Grey background is a completed event.

Clicking the Trip View title displays a popup menu.

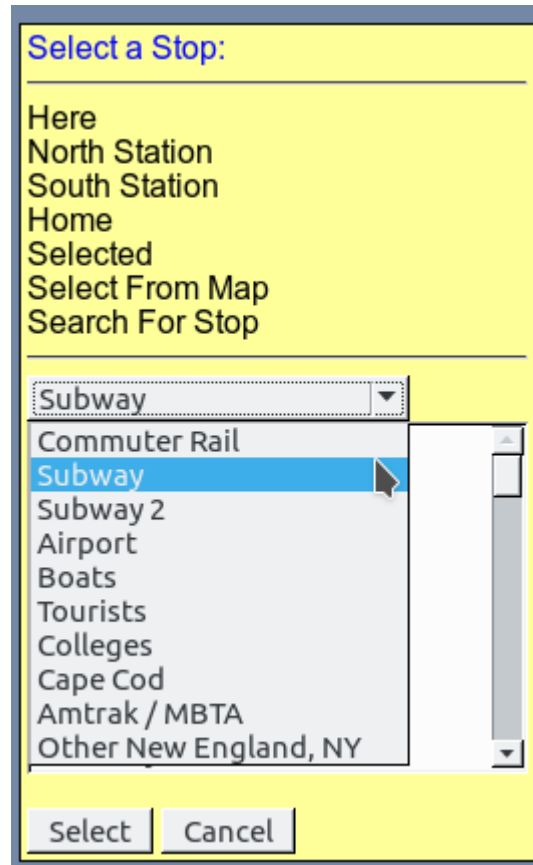
Clicking a row (stop) on the trip stops make that the new selected stop.

Stations with asterisk(\*) have multiple platforms (rail, subway, bus, inbound, outbound)



Or select a Stop from list or drop-down menus.

# Selecting a Stop From List



- The Select a Stop menu lets you pick from some common stops or
- You can select a category of stops and then select a stop from that category or
- You can search using part of a street, stop, place or station, or
- You can select from a map

# Use Tribar Menu Option [eightolives.com](http://eightolives.com) Find Bus Number

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**7:23**  
**North Station\***

26.2 mi

**Bus 10**

6:45 am from City Point Bus Terminal to Saint James Ave @ Dartmouth St
7:00 am from Saint James Ave @ Dartmouth St to City Point Bus Terminal
7:05 am from City Point Bus Terminal to Saint James Ave @ Dartmouth St
7:20 am from Saint James Ave @ Dartmouth St to City Point Bus Terminal

Clicking an entry displays the Trip View for that trip.



# Clicking a Bus Trip Displays Its Stops

**Bus 1, 8:32 pm from Massachusetts Ave @ Holyoke St to Dudley Station**

8:50 PM	0 min	Massachusetts Ave @ Newbury St
8:51 PM	2 min	Massachusetts Ave opp Christian Science Ctr
8:52 PM	3 min	Massachusetts Ave @ Huntington Ave
8:53 PM	3 min	Massachusetts Ave @ Massachusetts Ave Station
8:53 PM	4 min	Massachusetts Ave @ Columbus Ave
8:54 PM	5 min	Massachusetts Ave @ Tremont St
8:56 PM	7 min	Massachusetts Ave @ Washington St

Clicking a stop row, sets that as the selected stop.

Clicking the Trip View title displays a popup menu.

- Refresh Trip Data
- Plot Trip
- Open Fav Trip 1
- Open Fav Trip 2
- Save As Fav Trip 1
- Save As Fav Trip 2
- Close

# “Search for a Stop” Popup Menu

**Search for a Stop**

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1. Enter partial street, stop or station:  
mall

Bus  Train  Subway

Search

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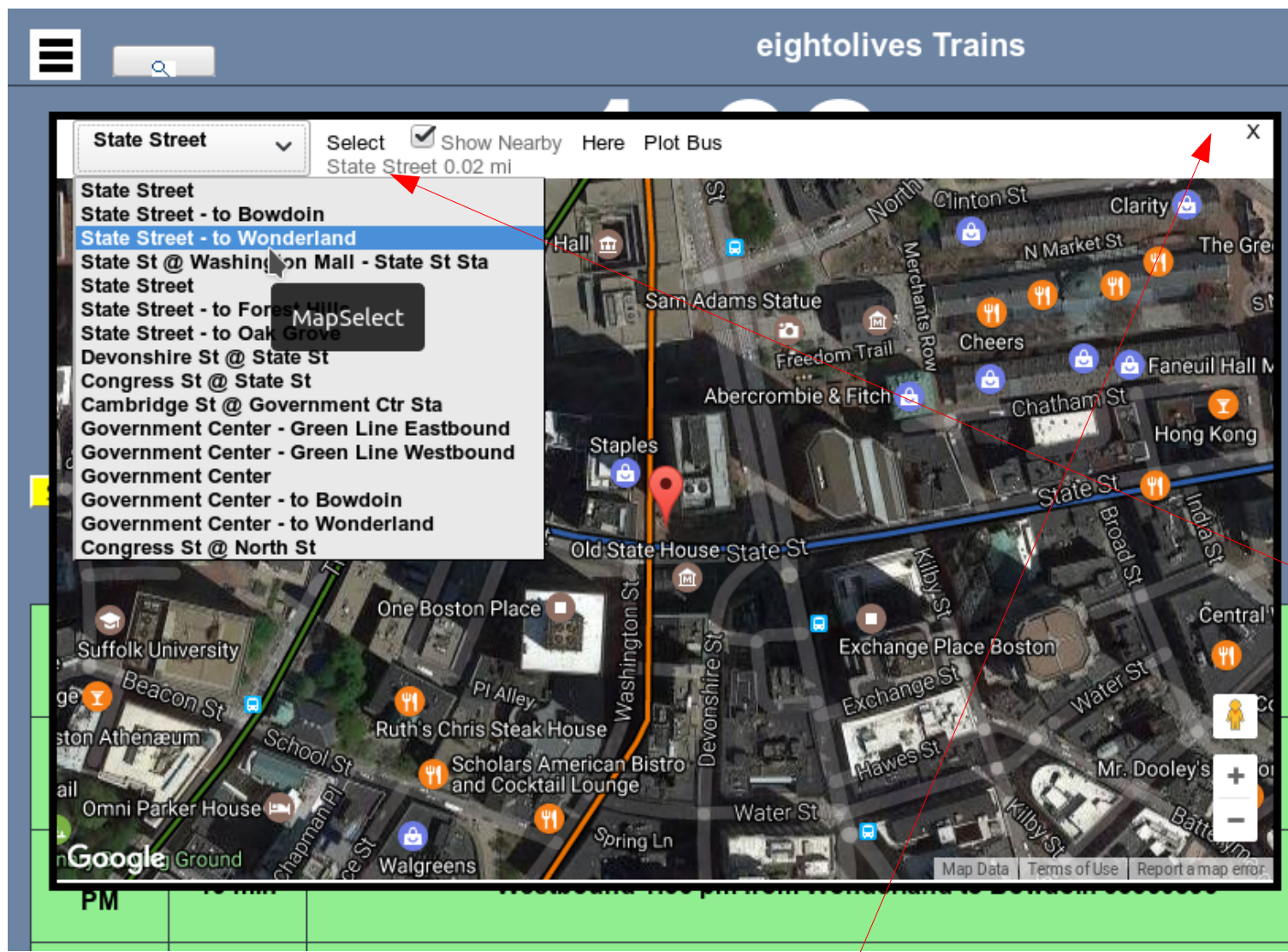
2. Select from list:  
Burlington Mall @ Macys ▼

Select Cancel

- 1. Enter part or all of a street, stop, place or station.
  - Select Bus, Train or Subway category.
  - Search
- 2. Then select a stop from the list.

# Select a Stop From Map

Select From Map displays a Google Map around the selected station.



Click on the map and the drop-down menu will list the closest rail or subway station followed by a list of the closest stops of all types.

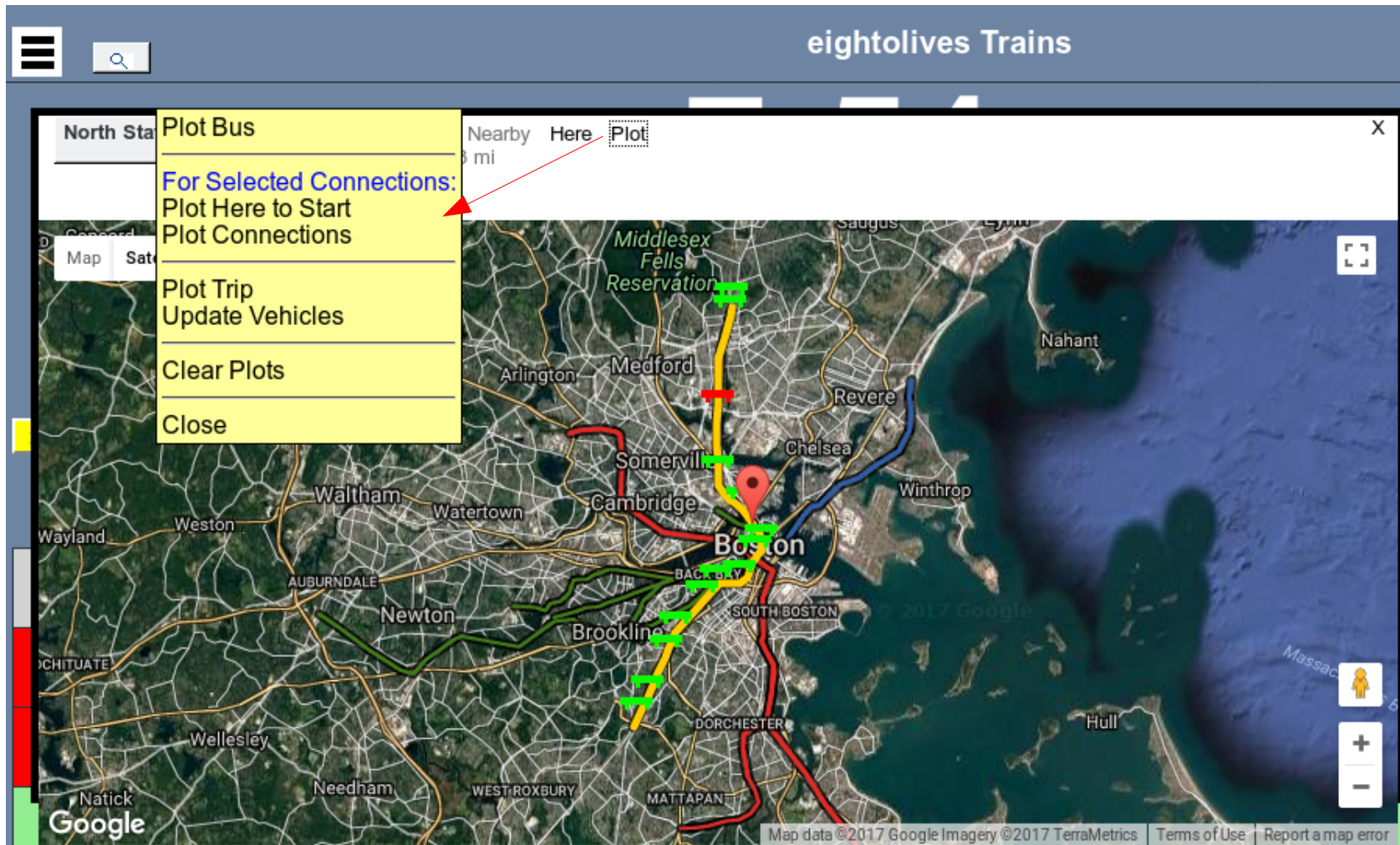
“Select” chooses the selected stop for the Train Board display.

“Here” shows your geolocation position.

“Plot” displays a popup menu.

X returns to normal display.

# Plot Trip shows the selected trip route (yellow) and vehicles on that route

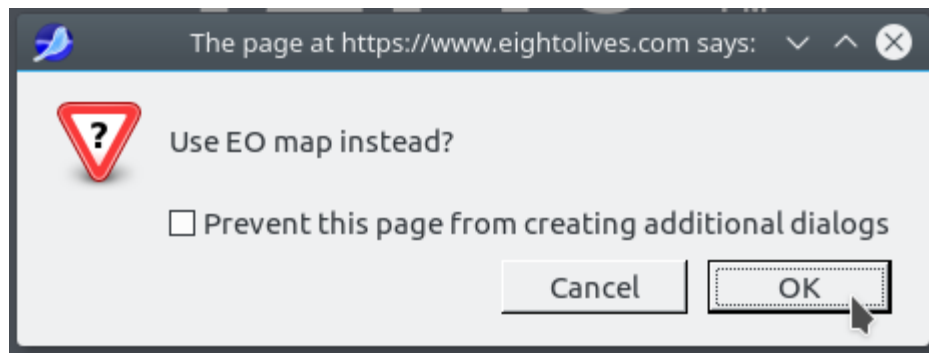
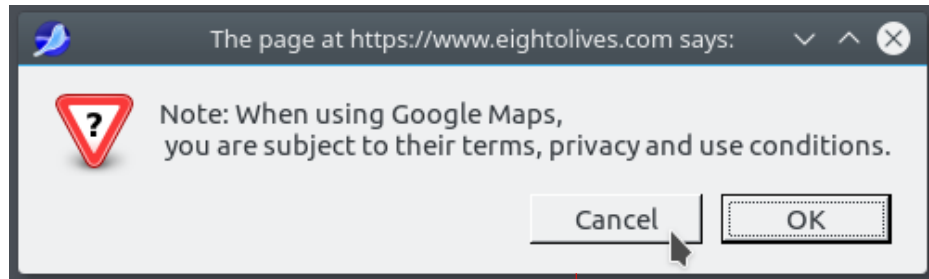


Red vehicle is the selected one.

Green vehicles are others on that route.

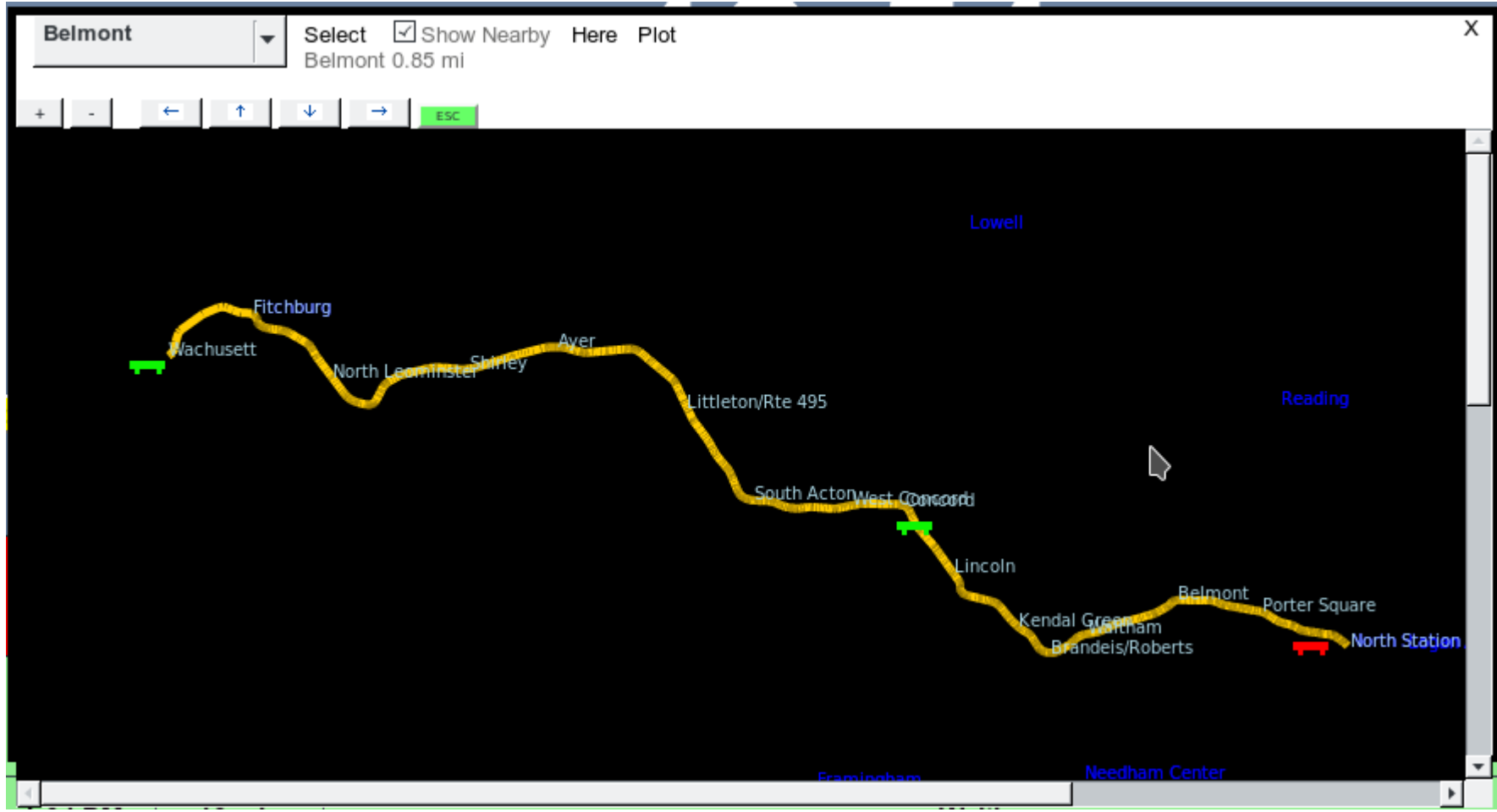
Clicking a vehicle displays info on that vehicle.

# Alternative EO Map Graphic



- If you don't want to use Google Maps, click Cancel when prompted.
- If you want to use the EO Map graphic instead, click OK when prompted.

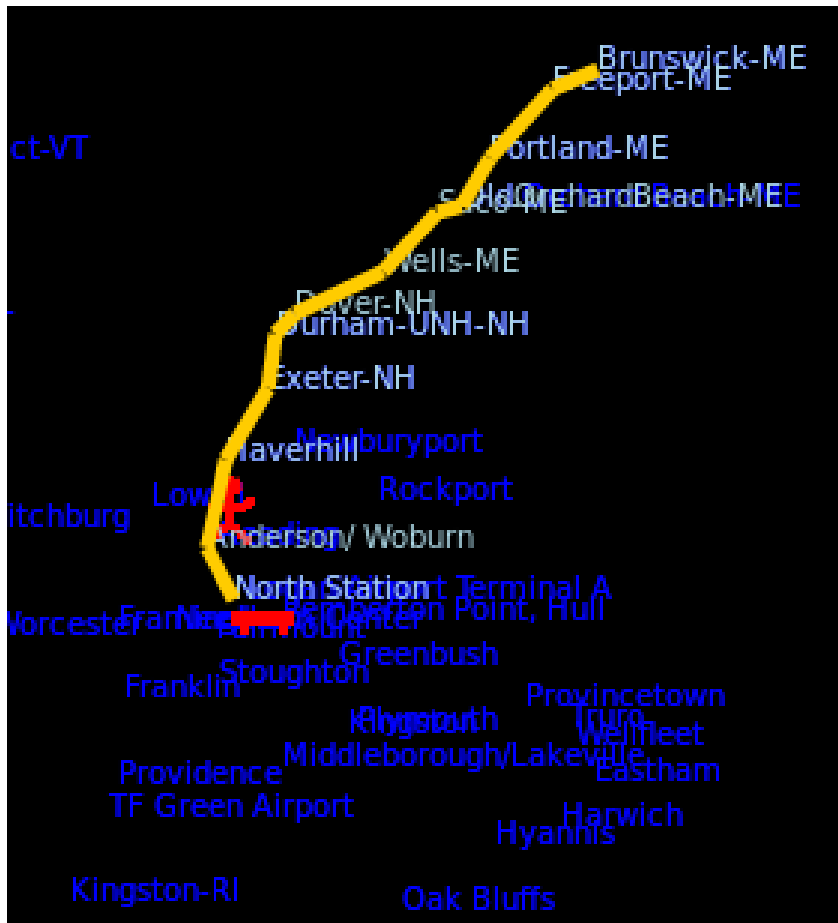
# EO Map



Use the +, -, and arrow buttons to zoom and pan.

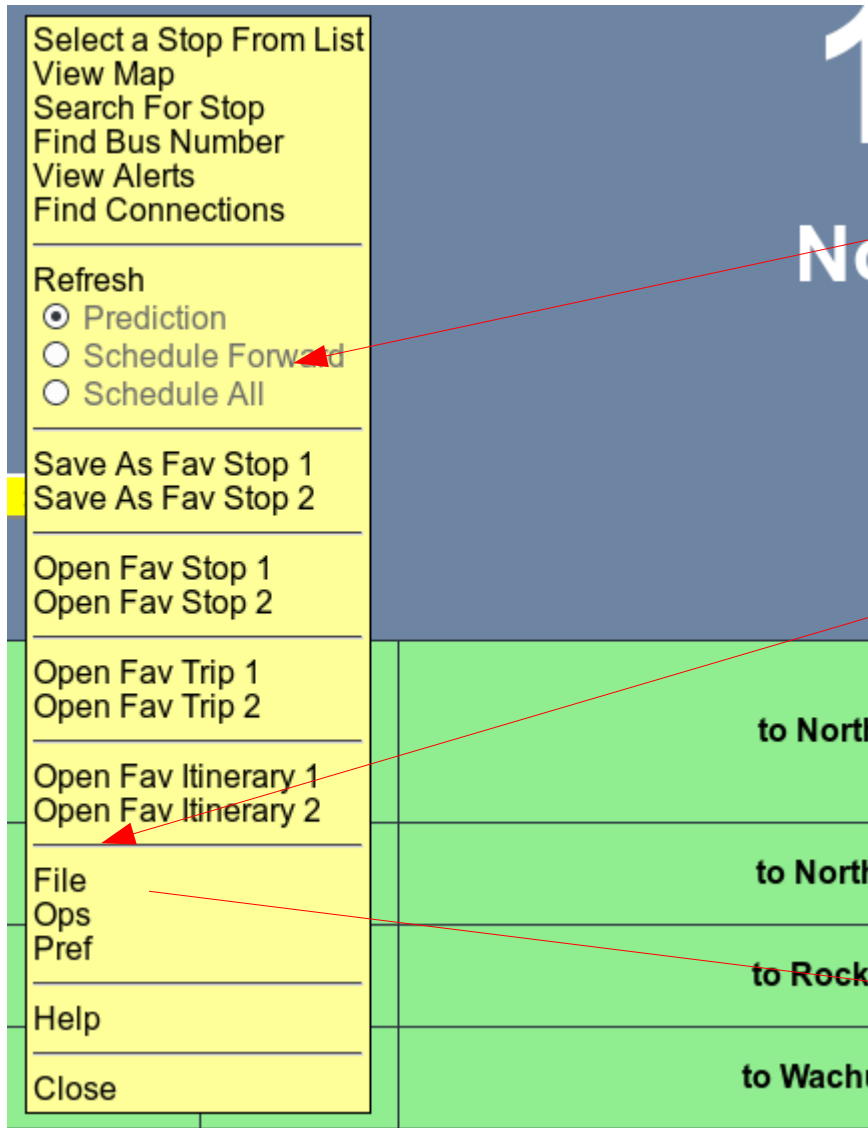
Restart the program to switch map styles.

# Coverage Area

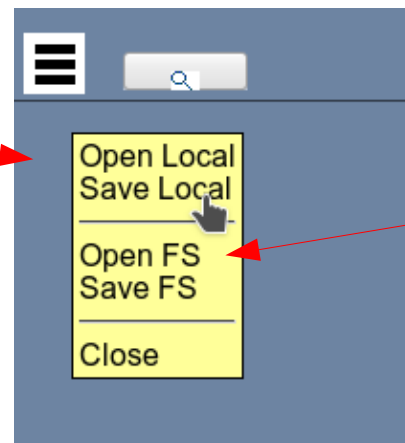


- Eo Trains displays prediction and schedule data for the MBTA service area.
- Schedule only data is included for AMTRAK northeast services and *selected* key bus and ferry lines to other Massachusetts and New England locations, the cape and islands, NYC-Penn station and Montreal.

# Saving Schedule Files For Off-line Use



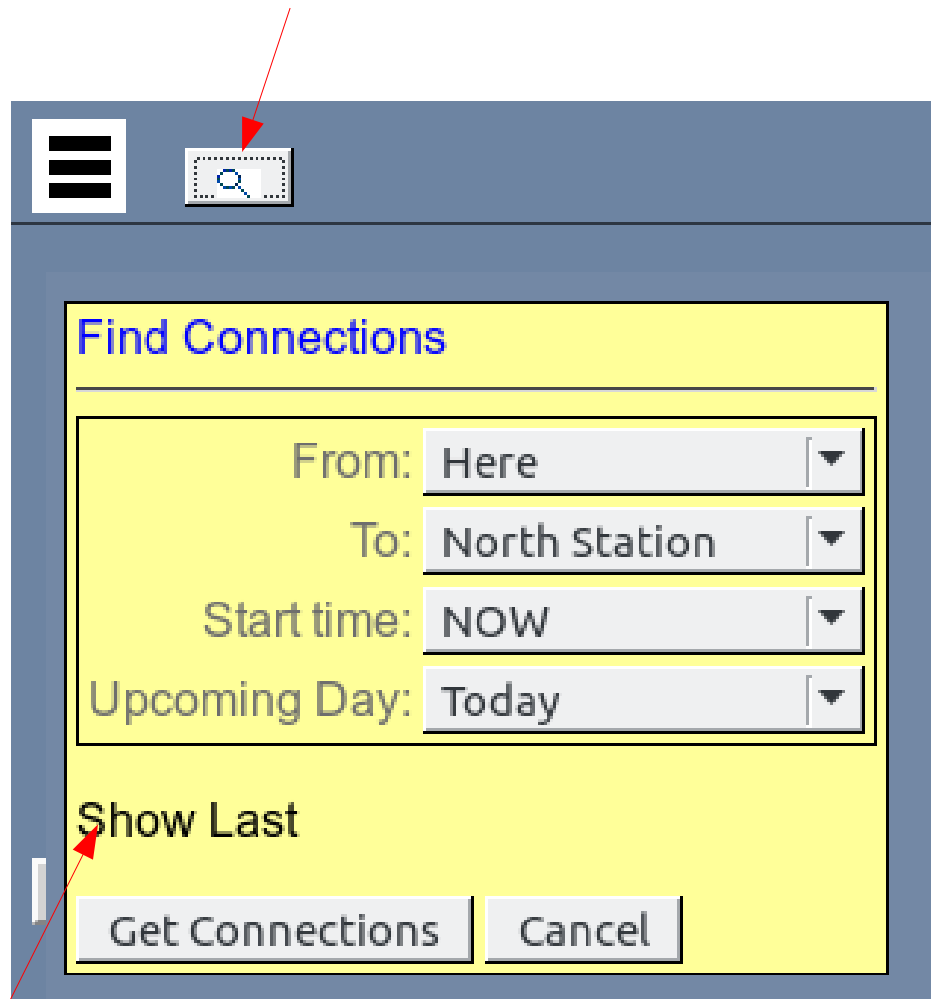
- From the Tri-bar menu select “Schedule” and display the schedule data you want to save
- From the Tri-bar menu select File and then select “Save Local” to save in your local cache memory



On some platforms the File System (FS) can also be used. Not available on iPad, iPod, iPhone.



# Click the Find Connections Button for Popup



Show Last displays last search results

- Find Connections tries to get itineraries on how to get from point A to point B.
- Select From and To locations from the drop-down menus or list.

Note: Find Connections is still in development and may not succeed for various reasons.

# Connection Itineraries are Listed

Button has a red background while seeking solutions.

Itinerary Summary

eightolives Trains

6:46  
Lawrence

2.7 mi

Connections

From: Lawrence  
To: Airport 5/14/2017, 6:45:50 AM

Depart	Arrive	Duration	Changes
7:27	8:58	1:31	2
10:27	11:58	1:31	2

- **Selecting an itinerary displays the Connection Details**
- **Itineraries with a gray background are not complete. Either one or more legs could not be realized or the algorithm exceeded some internal limit.**
- **Try earlier start times to increase possible trips.**

### Connections Details

From: Lawrence  
To: Airport 5/14/2017, 6:45:50 AM

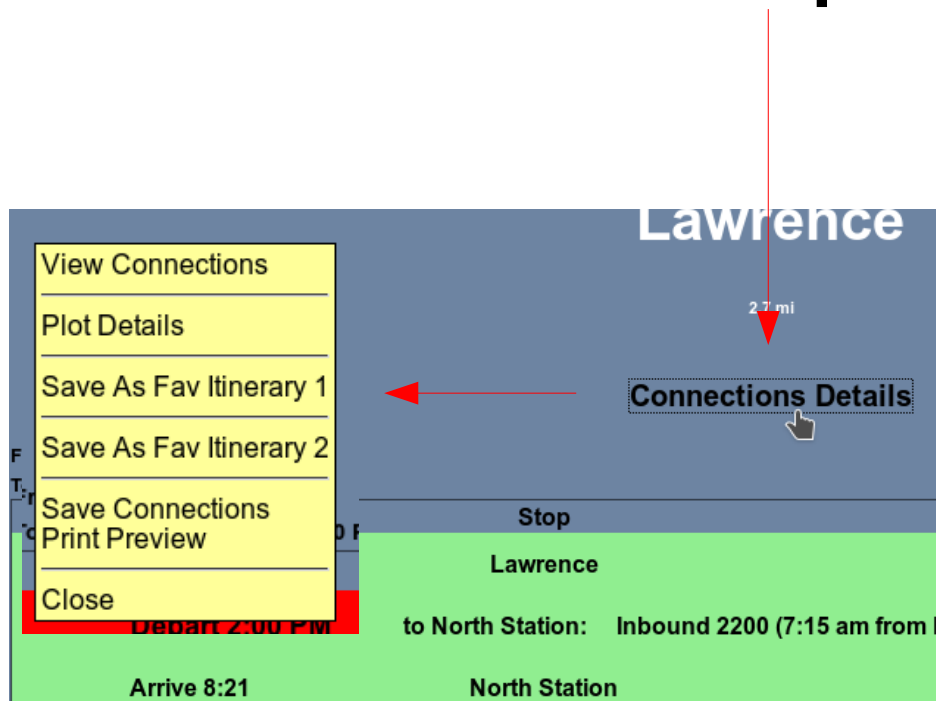
Time	Stop	Remark
Depart 7:27	Lawrence	
	to North Station:	Inbound 2200 (7:15 am from Haverhill)
Arrive 8:21	North Station	
Change (11 min)		
Depart 8:32	North Station - Green Line	
	Inbound	
		8:28 am from Lechmere - Inbound to Heath Street - Outbound 33693084
Arrive 8:36	Government Center - Green	
	Line Westbound	
Change (16 min)		
Depart 8:52	Government Center - to	
	Wonderland	
		8:51 am from Bowdoin to Wonderland 33381993
Arrive 8:58	Airport - Outbound	

Click description to view the schedule for this leg of the trip.

Clicking "Connections Details" displays a popup menu.

- View Connections
- Plot Details
- Save As Fav Itinerary 1
- Save As Fav Itinerary 2
- Save Connections
- Print Preview
- Close

# Connections Details has Menu Options



- Clicking *Connections Details* shows a popup menu
- Click *View Connections* to return to the Connections itinerary list.
- Plot Connections will show a stick drawing on a map.
- You can save the itinerary either as a favorite “Fav” or as a named file.

# FAQ

- Start the tool at <https://www.eightolives.com/docs/Trains/Trains.htm>
- The tool is free, but use at your own risk as operation and accuracy cannot be guaranteed. The tool is in Development stage and is subject to change.
- Prediction and schedule data for the MBTA are provided by servers operated by MassDOT.
- If you allow, the web-app will be stored on your platform to permit off-line operation. You must also save any schedules you wish to access when off-line. (Google Maps features are not supported off-line. EO Map features are.)
- Updates to the software are automatically downloaded from the eightolives site when the tool is invoked.

# Notes:

- The use of schedule data by this tool may not reflect the actual operating situation. You should always check alerts and check the appropriate carriers to validate itineraries of any planned journeys.
- Schedule changes by carriers may not be immediately reflected in this tool. Double check your itinerary with the carrier.
- Holiday and special construction schedules may not be reflected by the tool. Check alerts and your carrier for updates.
- Delays in transit can happen. Plan accordingly.

## For more information

- For more on eightolives' Trains, visit <http://www.eightolives.com>
- For more on MBTA services, lines, schedules and fares, visit <http://www.mbta.com>
- Links for other carriers are listed near the bottom of the Trains web page.