

## SECTION 8

# Live Map



Watch the  
Video

## What You'll Learn

- How to view vehicles in real time.
- How to filter by vehicle number, route number or bus driver name.
- How to see traffic in real-time.
- How to view street and satellite views.

## Resources & Tips



**Tip:** View your vehicles in real-time. Gain street views and use Pegman.



**Note:** Vehicles have a GPS 15 second delay.

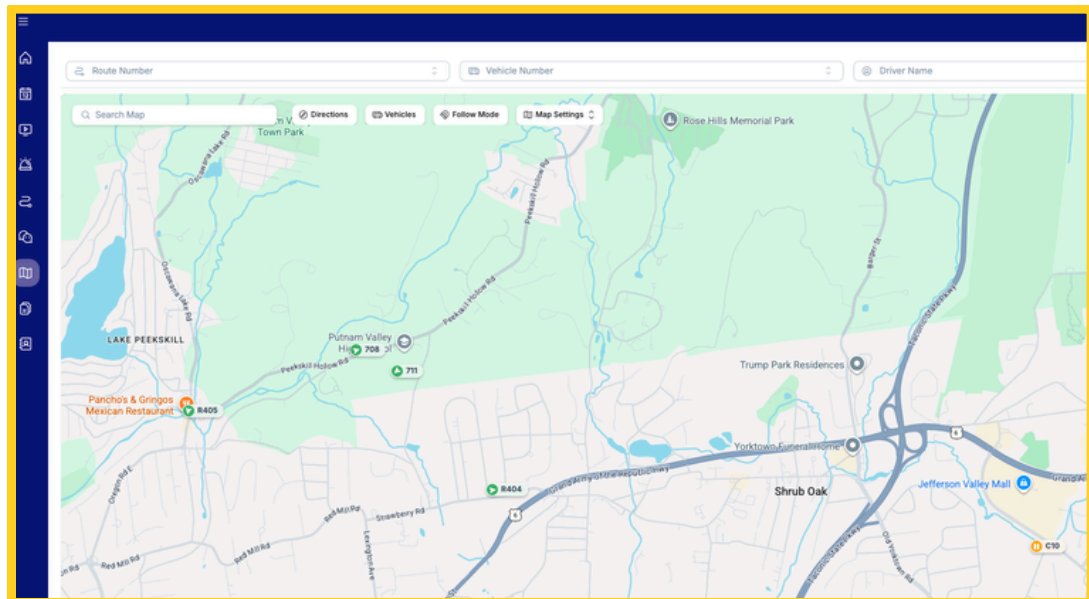
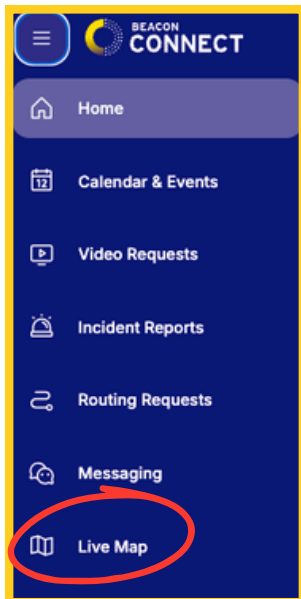
## How it Works:

Beacon Connect Live Map gives you real-time visibility of every bus on the road, enhancing safety and operational efficiency. Easily search by route, bus number, or driver to monitor routes, reduce delays, and respond to changes quickly. Switch between traffic, street, or satellite views, and use pegman for street-level insight—all in one centralized, easy-to-navigate dashboard.

# Navigating Live Map

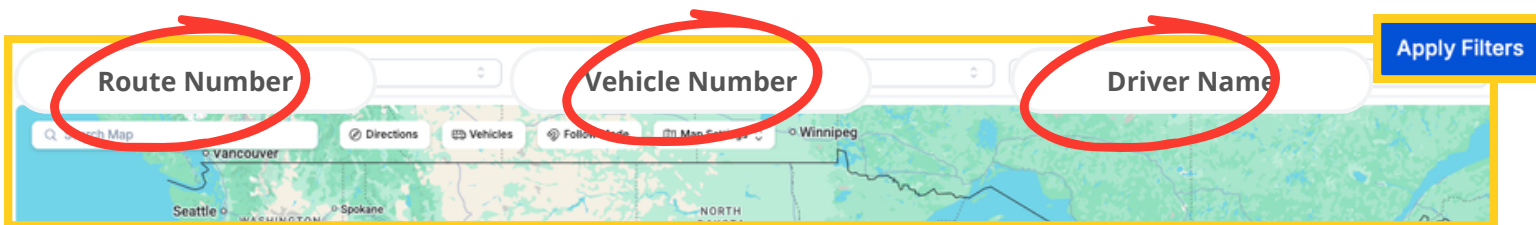
## Navigate To The Live Map

From the navigation bar, click on **“live map.”**



## Utilize the Four Search Functions

You may search for a vehicle by the route number, vehicle number, or driver name. Select **“Apply Filter”** to view the vehicle.



## Vehicle Status

Clearly identify the vehicle status by the color code. You can also see the arrow that points to which direction the vehicle is going.

### Color Key:



Moving



Idle

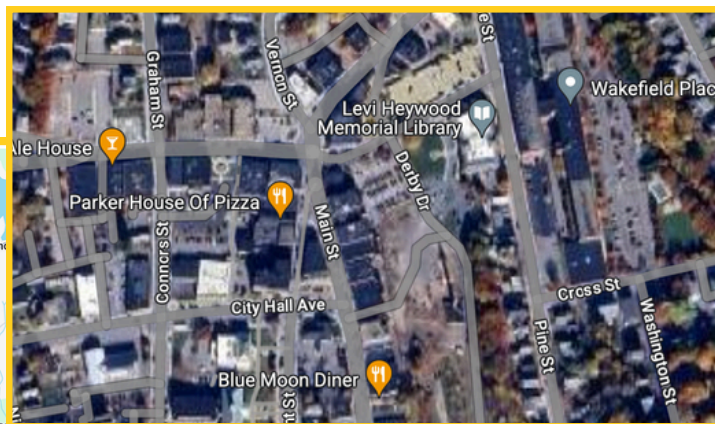
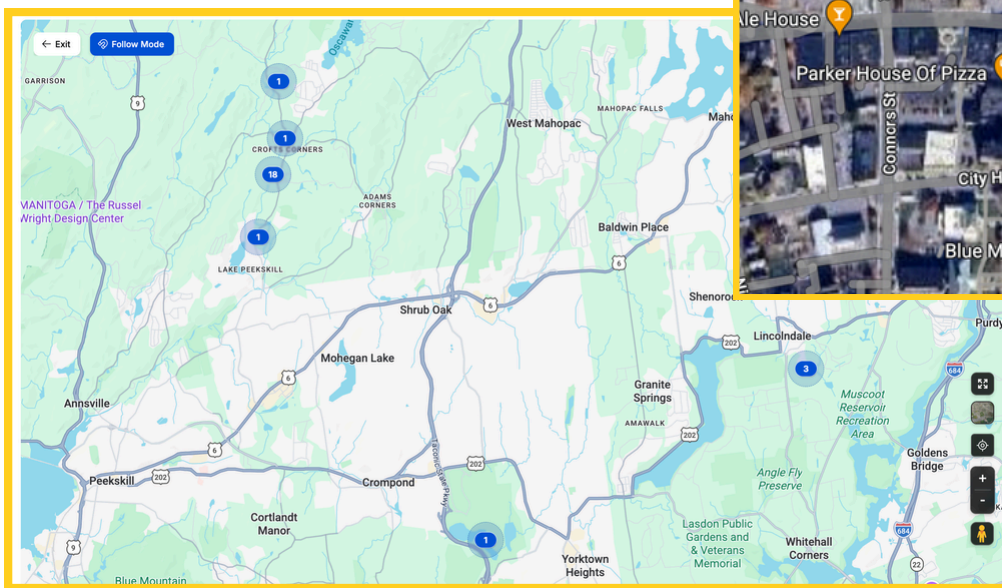


Offline

# Navigating Live Map Cont...

## Detailed Map View

To gain a more detailed map view, select the top button.



→ Detailed Map

→ Street View

## Street Line View

To see the street line view, drag and drop the **"Pegman"** to your desired location.



# Understanding Live Map

## Movement Indicators

Customers can quickly view stop markers including timestamp, duration, and location. A detailed vehicle activity report can be provided by selecting a point on the timeline or clicking directly on the map. The report provides stop duration, route movement, and stop history. Users can identify exactly where each stop occurred with corresponding timestamps, addresses, and geolocation details, making it easier to review vehicle activity and answer operational questions.

The screenshot displays a vehicle activity report for vehicle number 4406 on 31/01/2025. The interface includes a search bar, a date selector, and a list of activity events. A map shows the vehicle's route with a green line and a red stop marker. A detailed stop report is shown, including the stop duration, timestamp, and address. A red arrow points to the stop marker on the map, and another red arrow points to the stop report. A red arrow also points to the stop report from the text 'Click directly on the map or timeline to open the detailed report.'

Vehicle Number: 4406

Date: 31/01/2025

Activity:

- Start: 06:00 AM, 41.238094, -73.70008
- Moving: 06:00 AM, 10 mins · 3.97 miles
- Stopped: 06:32 AM, 41.238094, -73.70008, Stop Duration: 4 mins
- Moving: 06:36 AM, 10 mins · 3.97 miles
- Stopped: 07:00 AM, 41.238094, -73.70008, Stop Duration: 4 mins
- Moving: 07:04 AM, 10 mins · 3.97 miles
- End: 06:00 AM

Map: 37 Raceway Rd, Monticello, NY 12701, USA (41.663795, -74.701700)

Timeline: 6 AM, 7 AM, 8 AM, 9 AM, 10 AM, 11 AM, 12 PM, 1 PM

Hover to view address

Click directly on the map or timeline to open the detailed report.

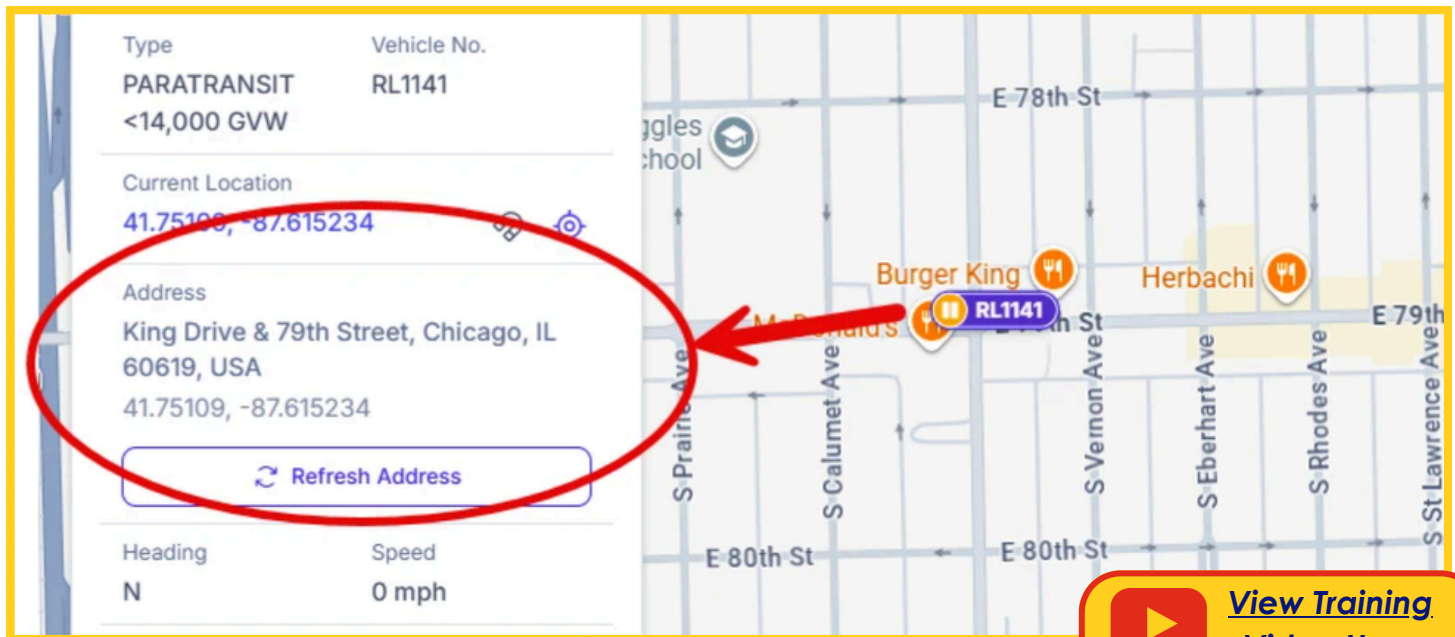
### View a detailed vehicle report.

- Identify where every stop occurred during the trace, including timestamp, duration, address, and geolocation.
- Hover option in report with a highlighted area in the timeline.
- Start, stop, moving color coded indicators.

# View Address on Live Map

## Address Visibility

**Beacon Connect Live Map** gives dispatchers and operations teams real-time visibility into vehicle activity, enabling faster decisions and smoother daily operations. With the new **Address Visibility** enhancement, dispatchers can view vehicle history and stops, then use **Show Address** to convert GPS coordinates into readable addresses.



## Key Features



**Show Address button** converts latitude and longitude into street addresses.



**Vehicle History & Stop Activity** will now show the address as well.



**Select or Hover** over a stop to access address details.



# Live Map History

## Multi-Day Comparisons

**Multi-Day Route Playback & Comparison** – Compare route performance across multiple days to validate or investigate claims that a route takes longer than planned. Review actual start and end times, analyze drive time, stop time, and idle time, and identify route deviations or inconsistencies. By providing a clear view of real-world route performance, this enhancement supports data-driven route optimization, operational efficiency, and driver accountability.

The screenshot displays the 'Live Map History' interface. On the left, a 'Vehicle Details' panel shows the vehicle type as 'SCHOOL BUS' and the number as '86512'. Below this is a 'Days Breakdown' table:

DAY	START TIME	END TIME	DURATION	DRIVE TIME
05/26/2026	N/A	N/A	00 mins	00 mins
05/27/2026	11:22:49 AM	11:26:19 AM	03 mins	01 mins
05/28/2026	N/A	N/A	00 mins	00 mins

On the right, a 'Vehicle Data' pop-up window is shown. It has tabs for 'Live' and 'History'. A date selector shows '05/27/2026'. Below this is a calendar for 'May 2026' with the 27th and 29th highlighted.

### How Do I Utilize This Feature?

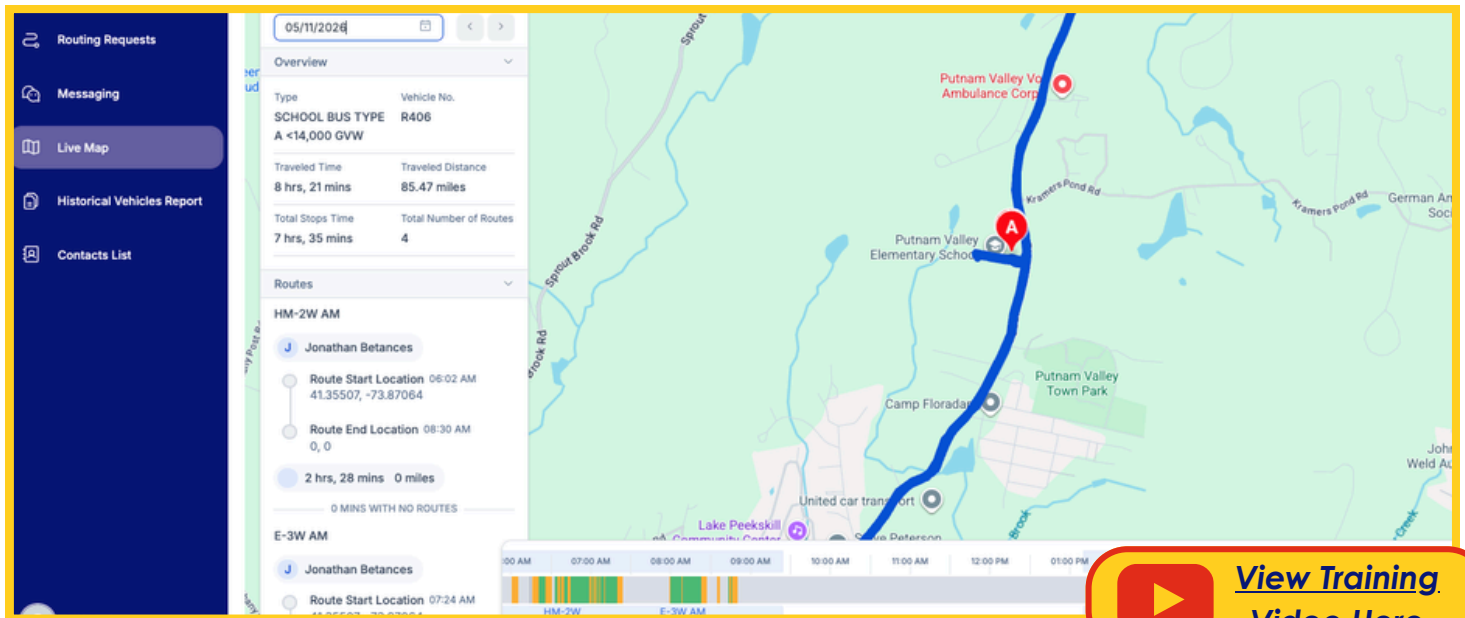
1. Click on a vehicle
2. Select the "History" tab
3. Click on the calendar
4. Select your start and end date
5. Hit enter and view the report



# Live Map History & Reporting

## View the Vehicle's History

From Live Map, select the vehicle for which you would like to see the history. Select the "History" button. You can follow the path by using your mouse to hover over the time bar. You can also use the time bar scroll function located at the bottom of the bar.



05/11/2024

Overview

Type	Vehicle No.
SCHOOL BUS TYPE	R406
A <14,000 GVW	

Traveled Time	Traveled Distance
8 hrs, 21 mins	85.47 miles

Total Stops Time	Total Number of Routes
7 hrs, 35 mins	4

Routes

HM-2W AM

Jonathan Betances

- Route Start Location 06:02 AM  
41.35507, -73.87064
- Route End Location 08:30 AM  
0, 0

2 hrs, 28 mins 0 miles

0 MINS WITH NO ROUTES

E-3W AM

Jonathan Betances

- Route Start Location 07:24 AM

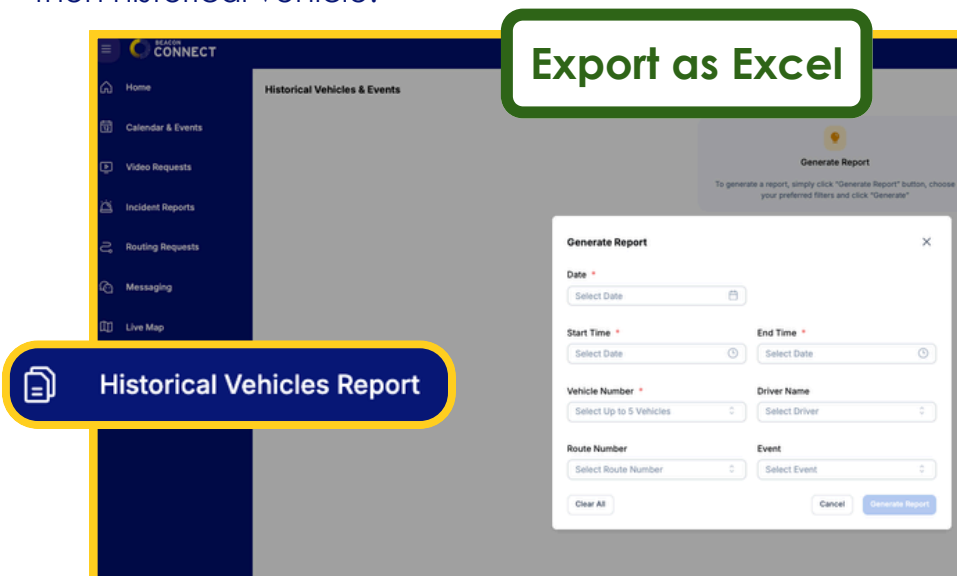
00 AM 07:00 AM 08:00 AM 09:00 AM 10:00 AM 11:00 AM 12:00 PM 01:00 PM

HM-2W E-3W AM

[View Training Video Here](#)

## Historical Vehicle Report

To view the vehicle path report, you will need to go to your side navigation and select reports, then historical vehicle.



Export as Excel

Historical Vehicles & Events

Generate Report

To generate a report, simply click "Generate Report" button, choose your preferred filters and click "Generate"

Generate Report

Date \*  
Select Date

Start Time \* End Time \*  
Select Date Select Date

Vehicle Number \* Driver Name  
Select Up to 5 Vehicles Select Driver

Route Number Event  
Select Route Number Select Event

Clear All Cancel Generate Report

Historical Vehicles Report

Complete the **form** to generate the report. Note: you can **select up to five vehicles** per report.



- MER100  
P Merriam
- MER102  
P Merriam
- MER103  
P Merriam
- MER107  
P Merriam