

# Tarrytown Board of Trustees

## August 16, 2021



Draft – For Discussion Purposes Only

**Sleepy Hollow  
& Tarrytown**  
Multimodal  
Transportation Study

# Overview

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## **Purpose:**

Shift trips from single-occupancy automobiles to walking, bicycling, and commuter shuttle options.

## **Three opportunities:**

- Commuter shuttle from Edge-on-Hudson to Tarrytown Station
- Transit circulator serving the central business districts (CBDs) of Sleepy Hollow and Tarrytown
- Pedestrian and bicycle safety improvements between Edge-on-Hudson and both Metro-North stations

# Community Engagement

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## **Project Committee:**

- Scenic Hudson
- Village of Tarrytown
- Village of Sleepy Hollow
- Sleepy Hollow-Tarrytown Trails Committee

## **Key Stakeholders:**

- Edge-on-Hudson
- Westchester County Planning
- Metro-North Railroad
- Sleepy Hollow-Tarrytown Chamber of Commerce
- Hudson Valley Writers Center
- Westchester County Parks
- Philipse Manor Improvement Association

## **Public Presentations:**

- Monday, August 16, 2021 in Tarrytown
- Tuesday, August 24, 2021 in Sleepy Hollow.

# Mobility Survey

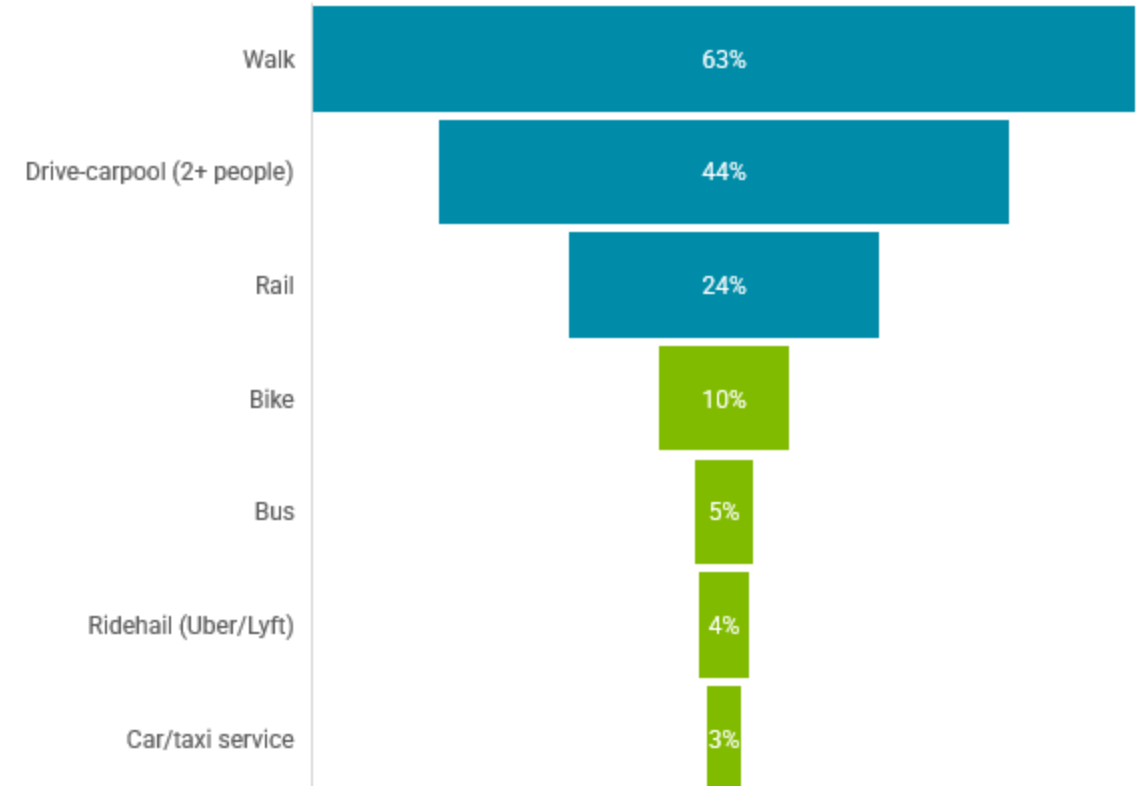
177 survey responses

Respondents rely heavily on personal vehicle use and walking for travel in and around the villages of Sleepy Hollow and Tarrytown.

Respondents mostly traveled for work and for shopping purposes.

Typical trips were thought to take less than 30 minutes within distances of 1-5 miles.

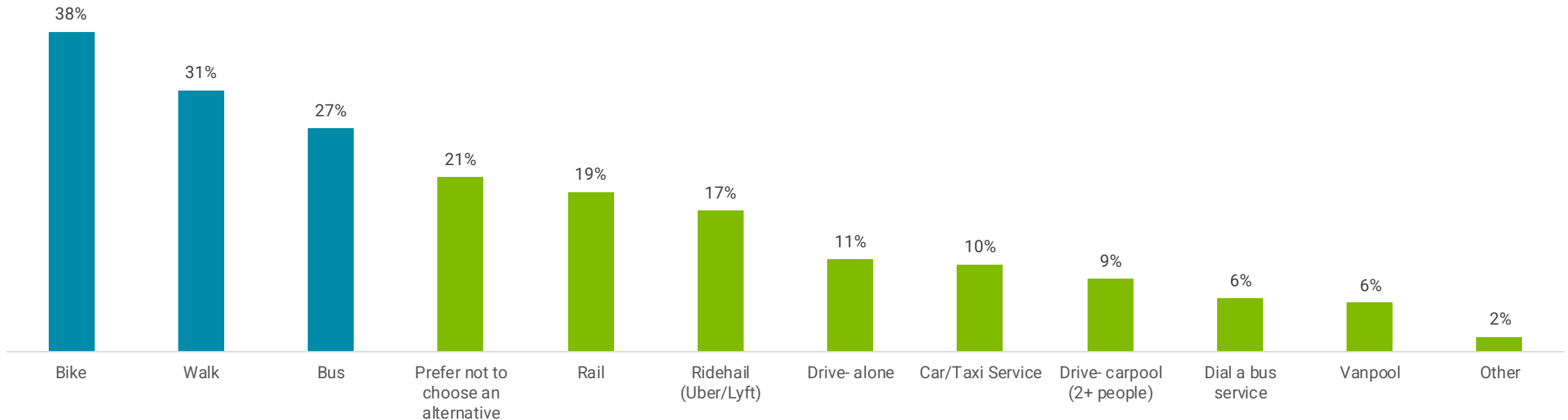
**What is your main way to travel? (Select up to three)**



# Mobility Survey - Alternatives

**69% of the responses received were in favor of biking and walking** as an alternative mode of transportation within the villages of Sleepy Hollow and Tarrytown.

Would you consider any of the following as an alternative for getting around? (Select up to three)



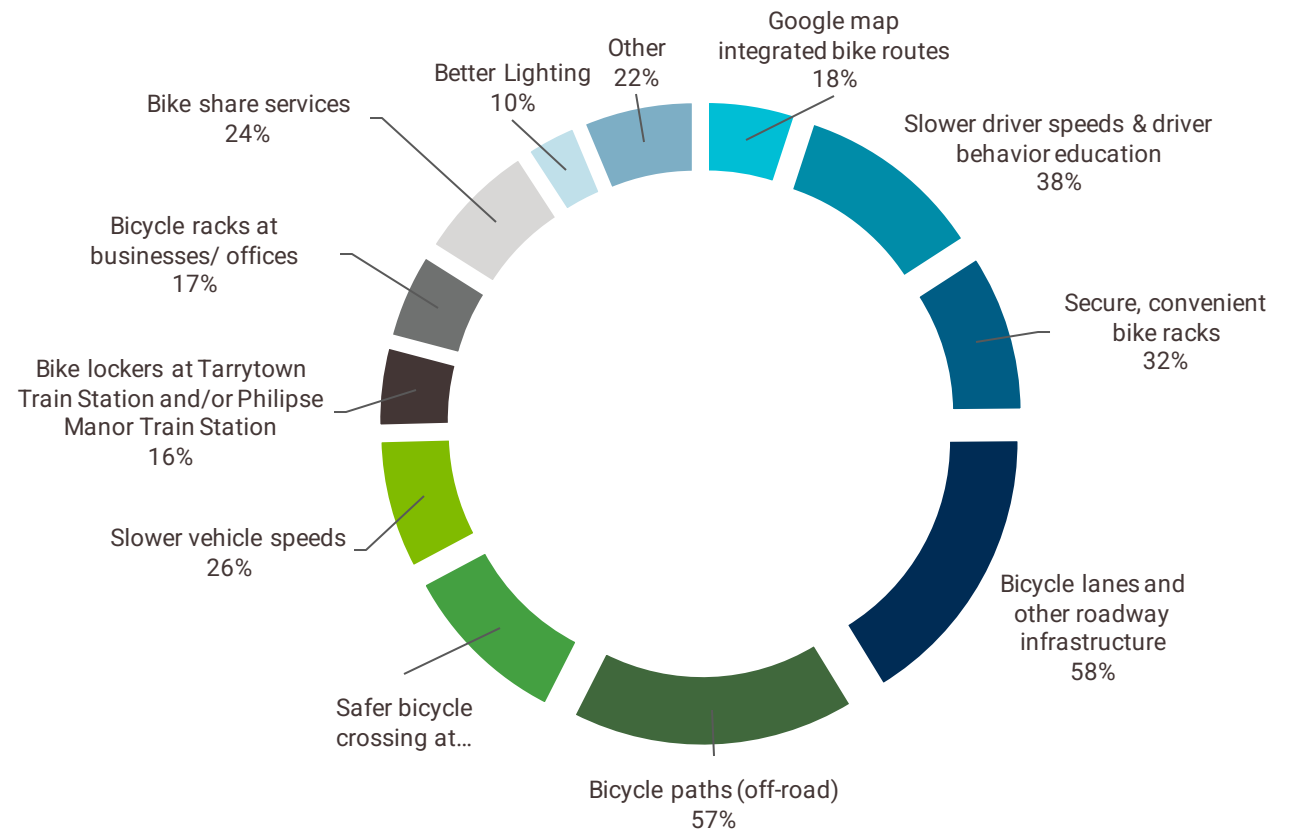
# Mobility Survey – Improvements

Off-road paths and bicycle lanes with roadway infrastructure

More, safer sidewalks and crosswalks

**Safer walking and biking is key.**

What changes would encourage you to bike or to bike more? (Select all that apply)



# Mobility Survey - Comments

I would love to hear more about a shuttle between Tarrytown and Sleepy Hollow that would include stops to area cultural & recreation destinations not just the main retail areas of Main St and upper Beekman.

**Crosswalks  
need to be  
made safer.**

**I would LOVE for  
TTSH to be more  
bike friendly.**

**We need traffic  
calming measures  
almost everywhere.**

**Possibly a bus or trolley  
that rides only in  
Tarrytown-Sleepy Hollow  
and makes a constant  
loop.**

**As someone who walks in  
town a lot and drives, it is  
hard at some crosswalks as  
both a pedestrian to see cars  
coming and as driver to see  
pedestrians.**

# Edge-on-Hudson Commuter Shuttle



# Edge-on-Hudson Shuttle

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- Operation of a commuter shuttle between the development and the Tarrytown railroad station beginning with 100 certificates of occupancy.
- Short travel distance between Edge-on-Hudson and the Tarrytown station allows for frequent, convenient service.
- Study team evaluated potential for serving the east and west sides of the station
- Potential to evolve into a more universal mobility option.

# Village Centers Circulator

# Guiding Principles

- Provide connection between the Sleepy Hollow and Tarrytown CBDs and the Tarrytown and Philipse Manor train stations
- Maximize arrival frequency/minimize customer travel time
- Serve environmental justice communities
- Explore potential to serve Edge-on-Hudson, Phelps Hospital, Regeneron, hotels, and neighborhoods
- Focus on electric vehicles



# Draft Circulator Route Alternatives



# Micro-Transit Service

- Alternative to traditional fixed-route circulators
- Flexible system of on-demand vehicles, point-to-point travel
- Operated by private vendors, either as stand-alone services, municipality-sponsored services (e.g., Circuit in New Rochelle, Via JC in Jersey City, NJ), or as part of public transit networks (e.g., Wheels 2U in Norwalk, CT)



Source: Via

# Circulator Perspectives

Circulator Decision Points	Trails Committee	Edge-on-Hudson Developer	Chamber of Commerce
Broadway			
N. Washington St.			
Philipse Manor			
Phelps Hospital			
Edge-on-Hudson			
Microtransit			

Key

- Indicates Preference
- Indicates Priority

# Edge-on-Hudson Bicycle/Pedestrian Connections

# Guiding Principles

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Facilities should be designed to provide safe and attractive options for users of all ages and abilities.

Routes should feel safe for all users.

Directness of route is of primary importance.

Along walking and bicycle routes, traffic should move calmly and predictably.

Designs should be reasonable to accomplish in the short-term, and routes should align with long-term planning.



# Approach

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## Investigation

- Two route options connecting to Tarrytown Station
- Routes through Kingsland Point Park to Philipse Manor Station

## Site visit

## Stakeholder input

# Considerations – Tarrytown

- Narrow, uninviting pedestrian infrastructure, lack of pedestrian wayfinding to the waterfront
- Lack of bicycle facilities in the study area
- Speed and safety issues
- Trade offs between parking and bicycle lanes along River Street and Division Street
- Station access (east and west side alternatives)



**Division Street**



**Hudson View Way**



**Tarrytown Station (west)**

# Considerations – Philipse Manor

- Edge-on-Hudson to Kingsland Park Access
- Park Access Road width limitations
- Riverwalk Extension
- Station access (east and west access options)



**Philipse Manor Station Approach**



**Kingsland Point Park**

# Considerations – Edge-on-Hudson

- New walkable district offers
  - Park Access, Boat Docks, and Waterfront
  - Grocery
  - Hotel
- To date, no bicycle facilities are planned within the site.
- Legend Drive and the roundabout at Beekman Avenue are notable routes where bicyclists should be accommodated.



# Draft Bicycle/Pedestrian Alternatives

## Tarrytown Station Connection

Alternative 1 (via under H-Bridge connection)

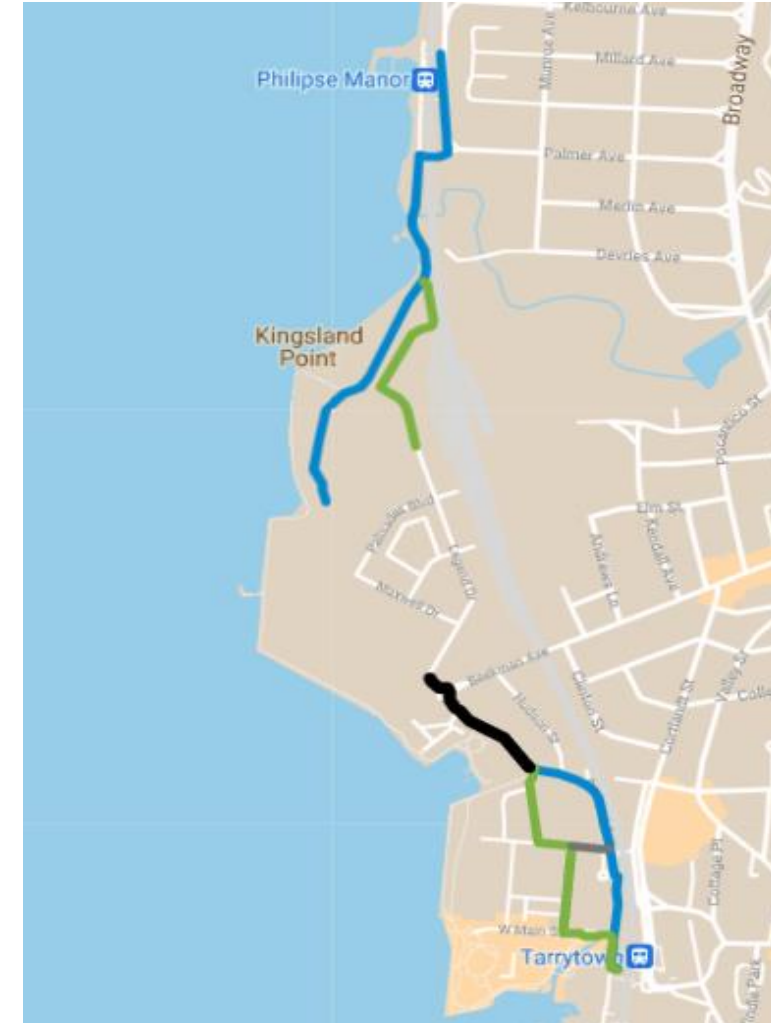
Alternative 1a (via under H-Bridge connection)

Alternative 2 (via Orchard Drive)

## Philipse Manor Station Connection

Connection to Legend Drive

Connection to Riverwalk



# Bicycle/Pedestrian Options

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- **Study will recommend near-term and longer-term actions and investments for bicycle and pedestrian routes:**
  - Within Edge-on-Hudson
  - Edge-on-Hudson to Tarrytown
  - Edge-on-Hudson to Philipse Manor

- **Multimodal Transportation Study provided a critical forum to address cross-cutting multimodal opportunities**
  - High level of engagement by Scenic Hudson and Trails Committee
  - Excellent participation by many stakeholders identified concerns and proposed potential solutions
  - Public input to the survey supported key strategies
- **Study team recommendations will incorporate input from the public meeting sessions today and in Sleepy Hollow on August 24.**

# THANK YOU

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