

# Feasibility Study for a Multi-Use Path in Philipstown

Public Presentation

November 10, 2022



# Agenda

1. The Process
2. Alternatives Analysis & Favored Routes
3. Next Steps
4. Questions & Comments
5. Map Stations

*Information and maps provided are drafts and a work in progress.*

*Purpose & Outcomes: Gather feedback to inform next steps*

## who we are

- The Philipstown Trails Committee is a Town Advisory Committee.
- **Purpose:** Advises the Town of Philipstown on how to improve the ability for residents to safely get around Town without recourse to motorized transit.

### Guiding principles of the PTC:

- Neighborhood Connection & Collaboration
- Equitable & Complete Streets
- Environmental Responsibility
- Building Upon Assets



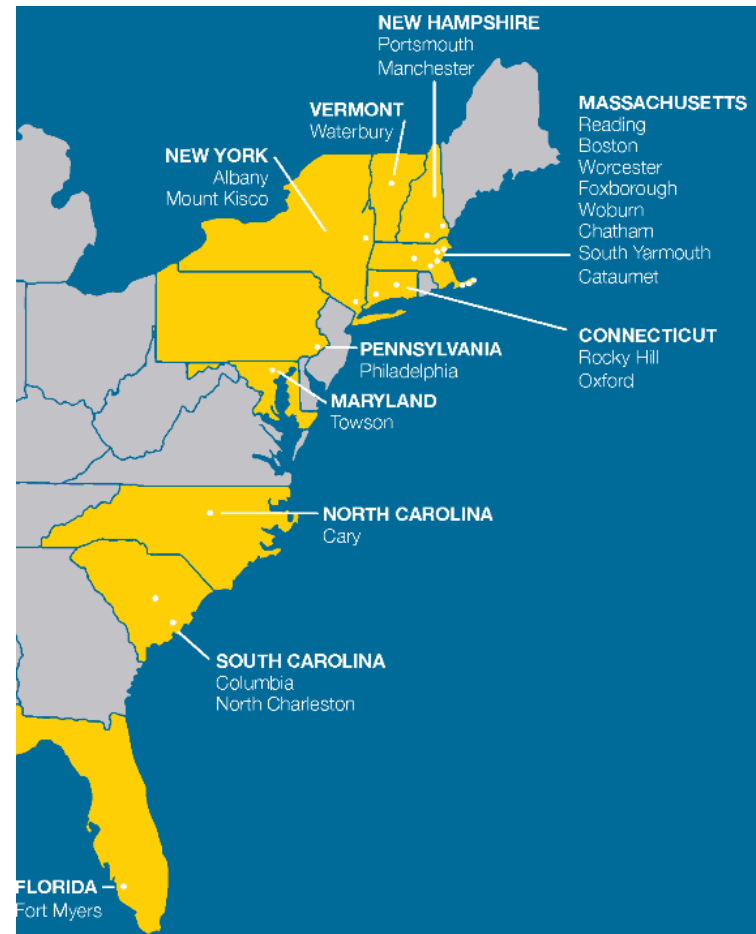
## who we are

Established in 1899, **Weston & Sampson** is a full-service **planning, landscape architecture, engineering, and environmental** consulting firm.

Our staff of more than **700 professionals** serves public and private sector clients throughout the **Northeast** and along the **East Coast**.

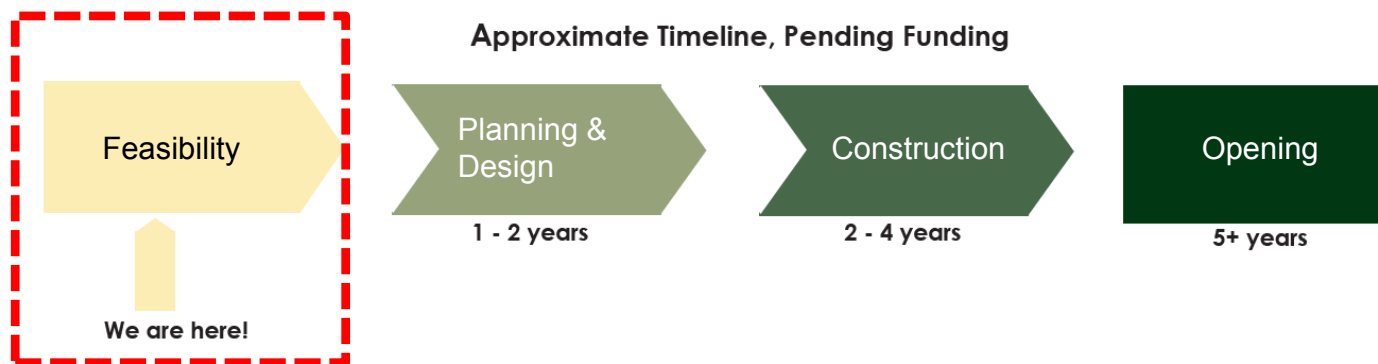
### Our Services:

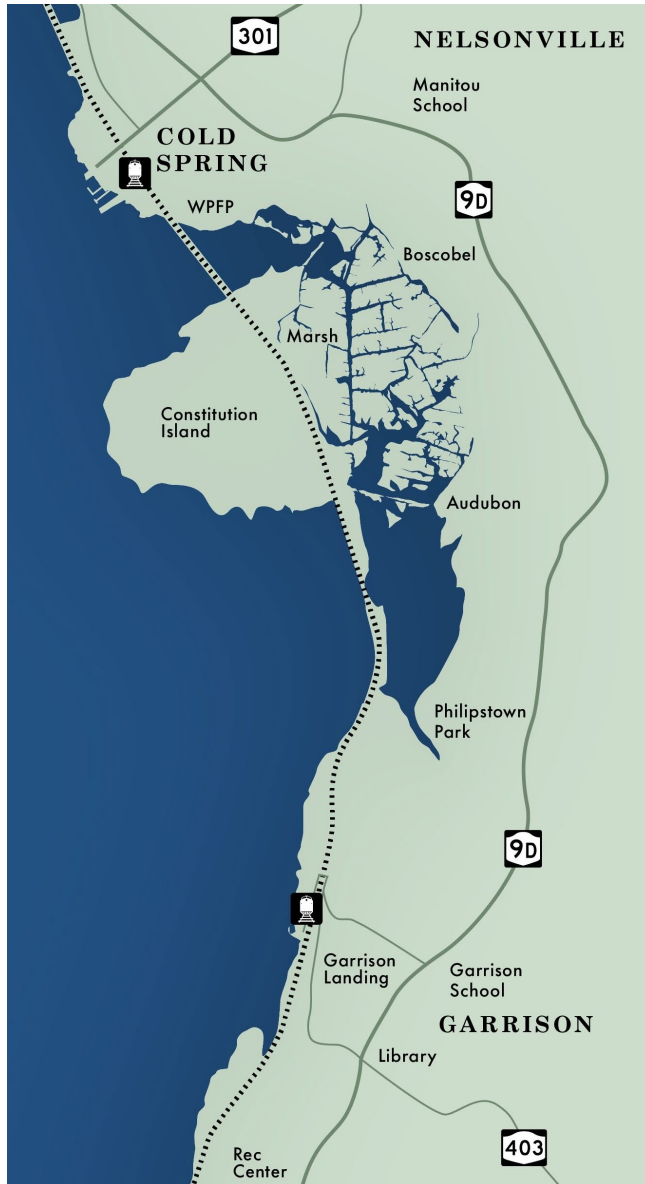
- Surveying & Mapping
- Master Planning
- Landscape Architecture
- Ecological/Environmental Services
- Civil/ Environmental Engineering
- Permitting & Compliance



# What is a Feasibility Study?

- The purpose of this study is to analyze and examine the feasibility of a path from Cold Spring to Garrison and important neighborhood amenities in-between.
- The intent of the project is to gather information to assess the opportunities and challenges of route options for a path.





# Project Area

The goal is to link important public + community spaces including:

- Neighborhoods
- Schools
- Libraries
- Grocery Store & Shopping
- Farmers Market
- Train Stations
- Medical + Pharmacy

# Facility Types & User Groups

Defined By:

Function

Accessibility

Surfaces

Widths



Context

Users



- **Bicyclists** fall into a number of general categories based upon interest (recreational, commuting, touring) and experience level, which in part influence bicycle types (conventional, recumbent, tricycle) and behavioral uses. As a result, bicycle facilities should be designed to accommodate the appropriate intended use.
- **Pedestrians** may include walkers, hikers, joggers, runners, bird watchers, snowshoers, and dog walkers.

# Facility Types & Users Groups

Bike Lane	Shared Lane Markings / "Sharrows"	Multi-Use Paths	Sidewalk	Soft Surface / Hiking Trail	Single Track Trail
					
On-road Bicyclists Commuters		Pedestrians Runners Dog Walking Bicyclists Commuters	Pedestrians Dog Walking Commuters	Pedestrians Hikers Dog Walking	Pedestrian Hikers Dog Walking Mountain Biking



# Existing Conditions Summary

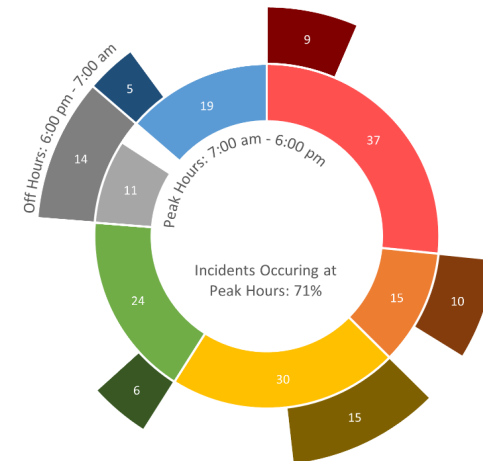
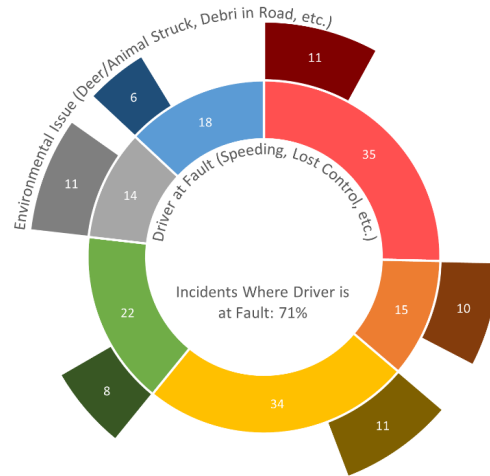
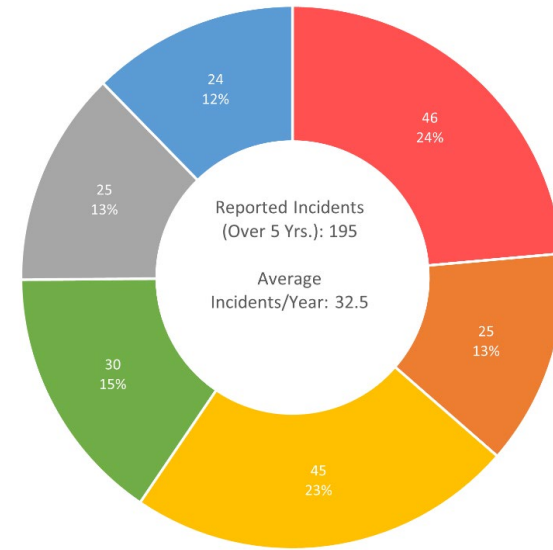
- Parcels, wetlands, streams & topography base mapping (GIS)
- Field Investigation
  - Recreational/community resource areas
  - Variable site context
  - Rock outcroppings
  - Stream crossings
  - Proximity to wetlands, Constitution Marsh
  - Environmental Resources (eagle nest)
  - Variable ROW widths
  - Large areas of fence/ wall obstruction
  - Overhead utilities along both sides of several roads
  - Frequent traffic incidents along Route 9D



# 9D Traffic Data

## High Traffic Volume & Speeds along Route 9D

- Average of **32.5 crashes / year** over last 5 years
- **71%** of incidents caused by driver error
- **71%** of incidents occurred during peak travel hours (7:00 a.m. – 6:00 p.m.)

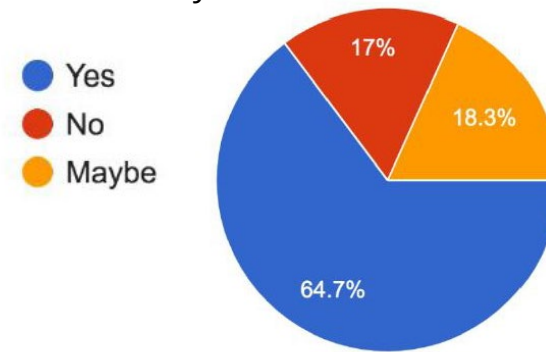


# Community Outreach & Meetings

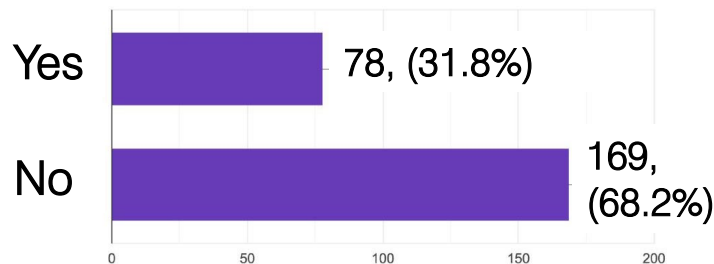
- One-on-one stakeholder meetings Aug '21 to Oct '22 including:
  - NYS DOT
  - NYS Parks
  - Scenic Hudson
  - Hastings Center
  - St. Basil Academy
  - Audubon
  - OSI
  - Town of Philipstown staff
  - Manitou
- Public meetings with Neighbors & Adjoining Properties of Rt. 9D  
(10/17 & 11/1)
  - Letter invites sent to all property owners along 9D (Foundry Brook Bridge to Rec Center), Indian Brook Rd, Upper Station Rd
- Parent Pedestrian Survey (306 participants)
- Future meetings
  - Town workshop
  - Village of Cold Spring workshop
  - Community-wide Pedestrian Safety Survey

# Pedestrian Safety Survey of Parent of Local Schools & Childcare Centers

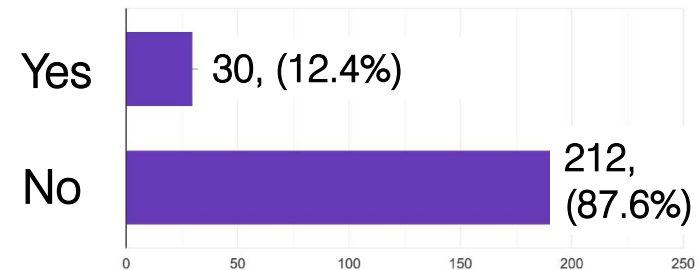
1. If you or your children could walk or bike safely to school using 9D, would you do so?



2. Do you or your children **walk** along or near 9D in order to get to school?



3. Do you or your children **bike** along or near 9D in order to get to school?





# Field Reconnaissance

- Community resources are located throughout the corridor area
- Opportunities to connect to several neighborhoods / community resources

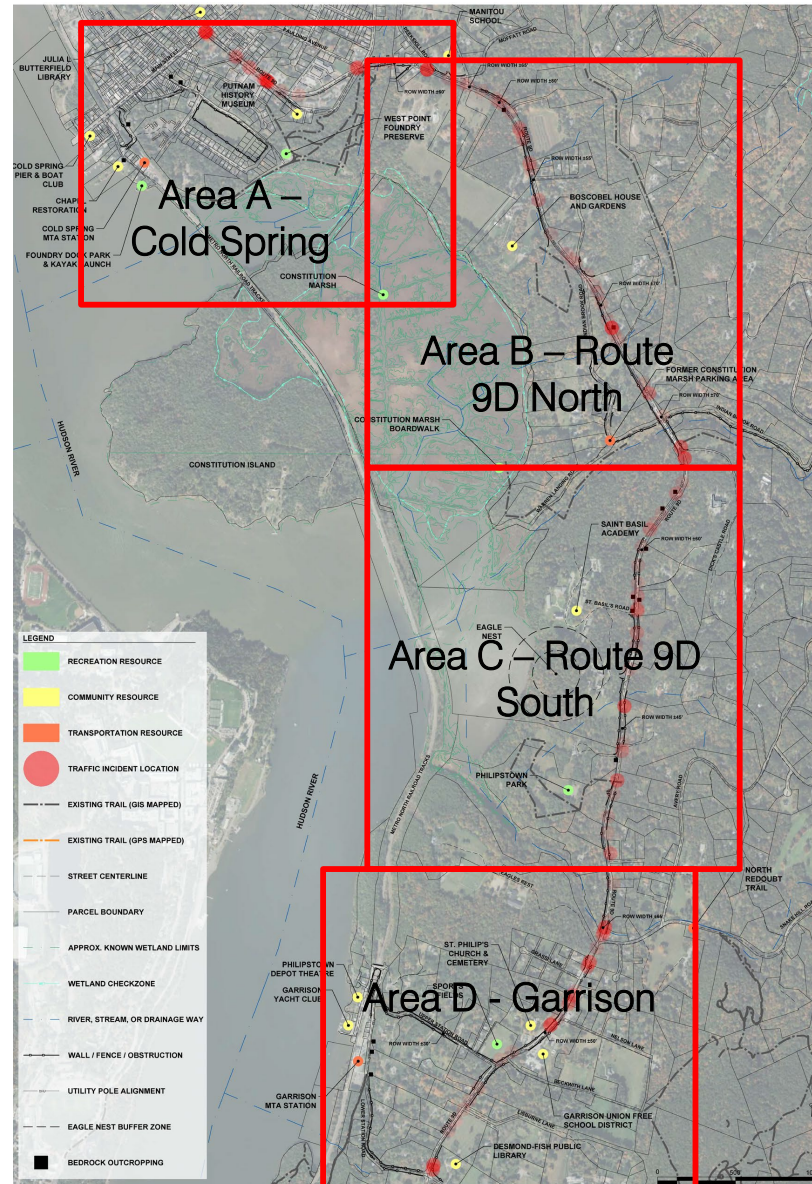


# Overview of Corridor

## Four Study Areas

1. Cold Spring
2. Route 9D North
3. Route 9D South
4. Garrison




**Goal:** To serve as many potential users/interests as possible to create community connections between Cold Spring and Garrison.

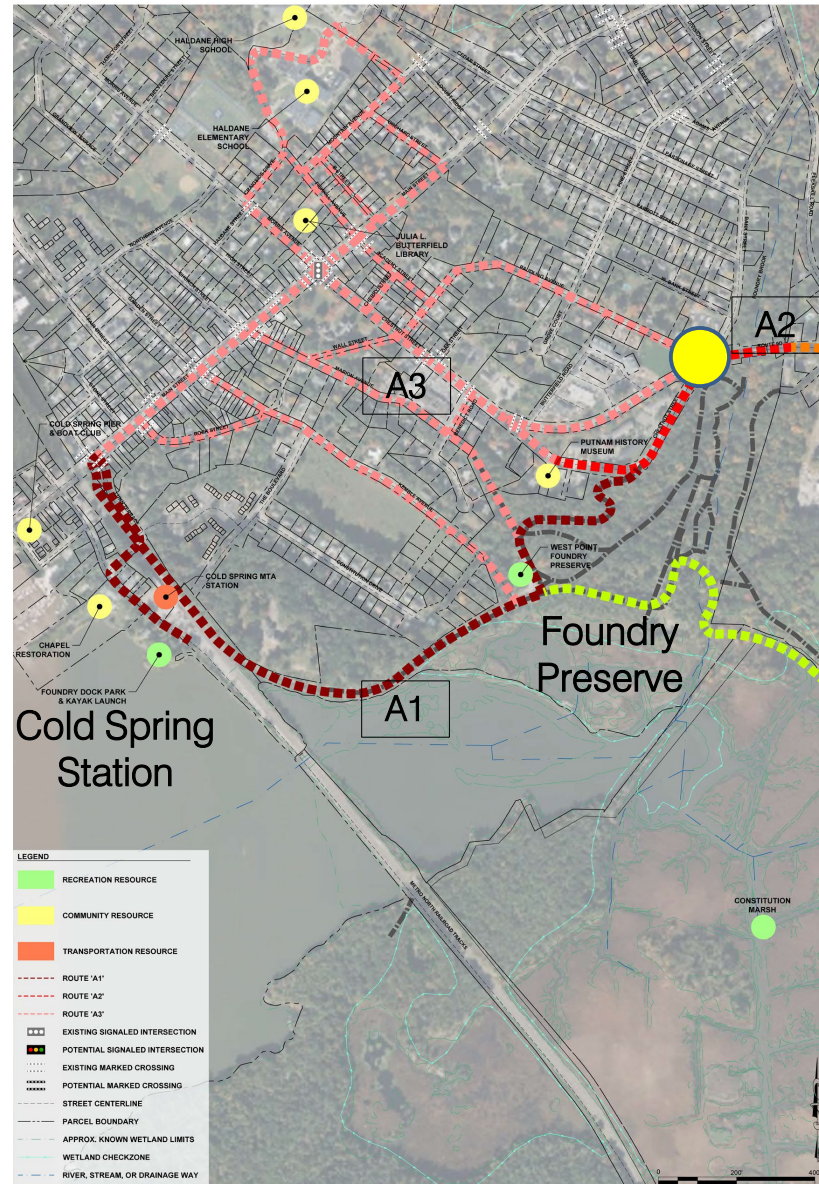




# Potential Routes

## Area A – Cold Spring

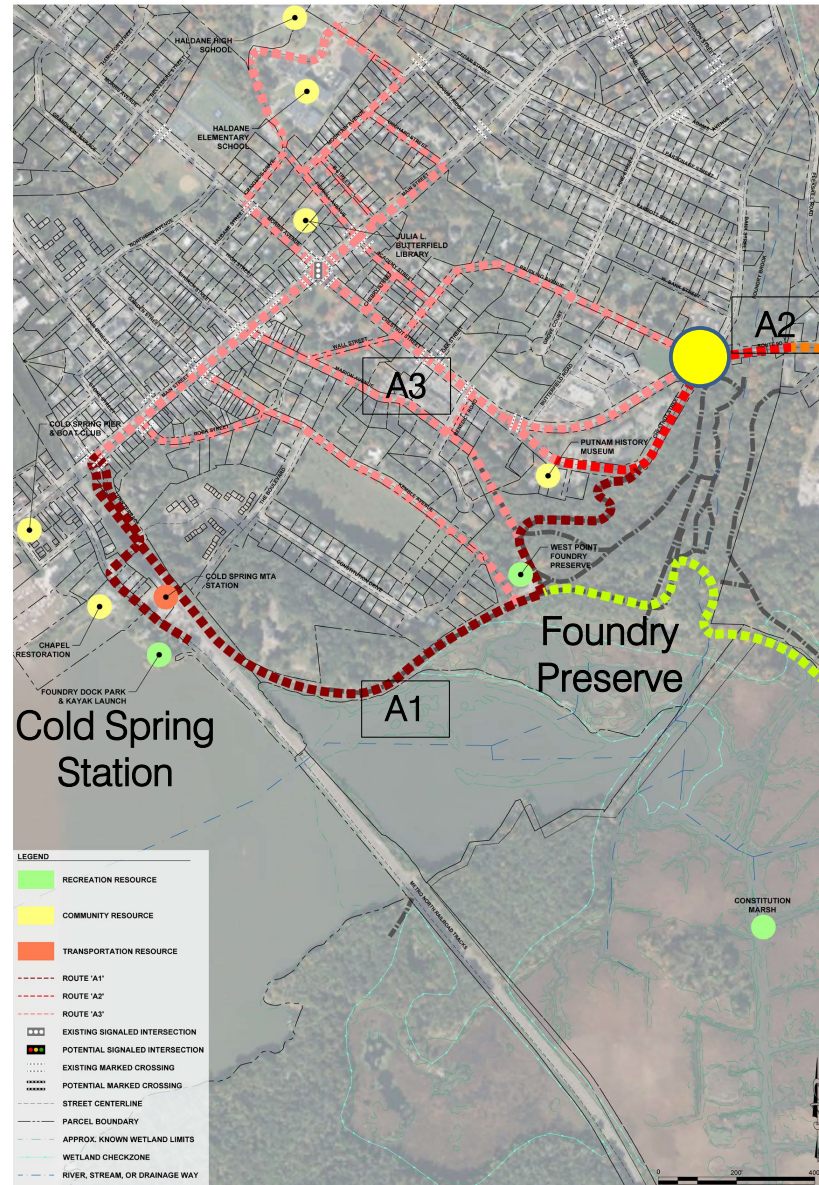
-  Route A1  
 - Multi-Use Path  
 - Soft Surface
- \*Favored Route\***  
 Route A2  
 - Multiuse Path/Bridge  
 - Sharrows  
 - Bike Lanes  
 - Sidewalks
-  Route A3  
 - Sharrows  
 - Sidewalks



# Potential Routes

## Area A – Cold Spring

Pros	Cons
Route A1	
Utilizes existing Foundry Preserve Trails	Current Scenic Hudson Rules requires dismounting bicyclists on some trails
Connects to Train Station & Lower Cold Spring Village	
Route A2 (*favored route)	
Connectivity to centers of Cold Spring & Nelsonville amenities	Does not facilitate Complete Streets improvements in Cold Spring
Flatter terrain, promotes accessibility	Requires bridge over Foundry Brook
Route A3	
Provides on-street connectivity within Cold Spring	"Sharrows" don't provide off-road accommodations
Flatter terrain, promotes accessibility	

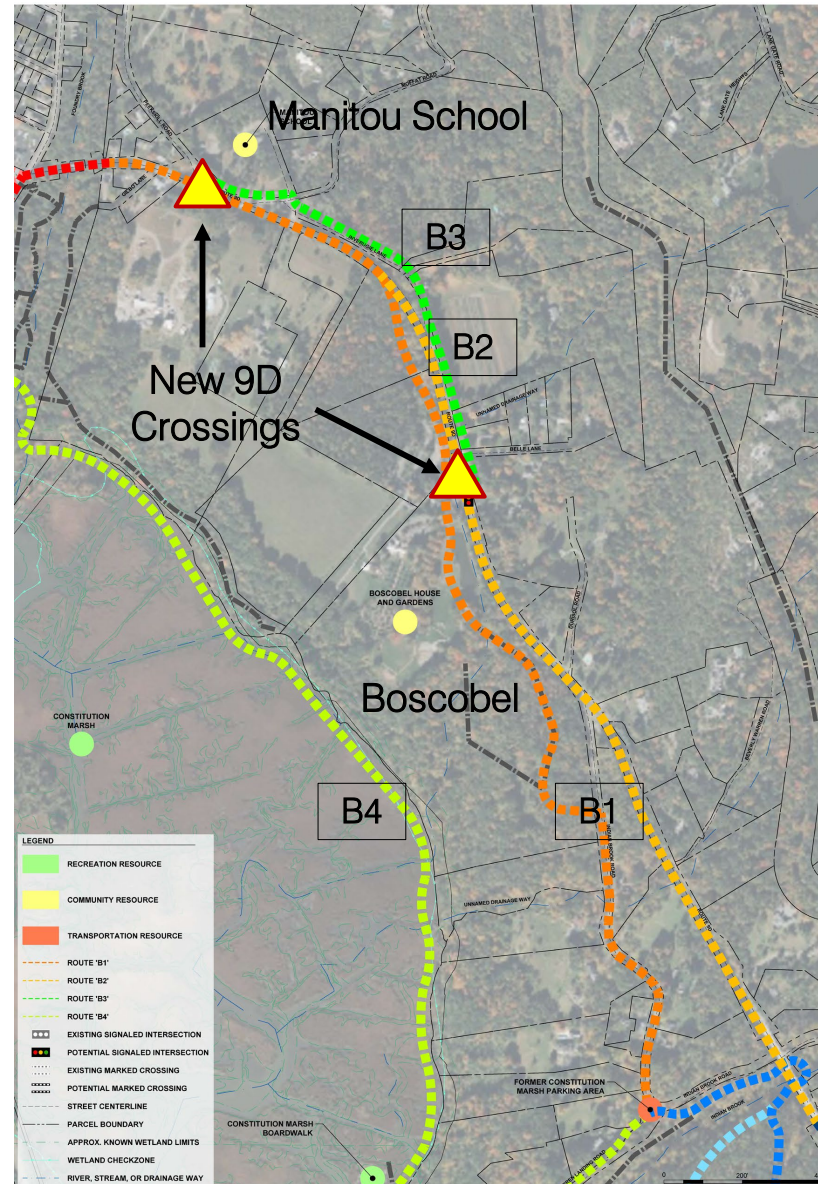




# Potential Routes Area B – Route 9D Corridor (North)

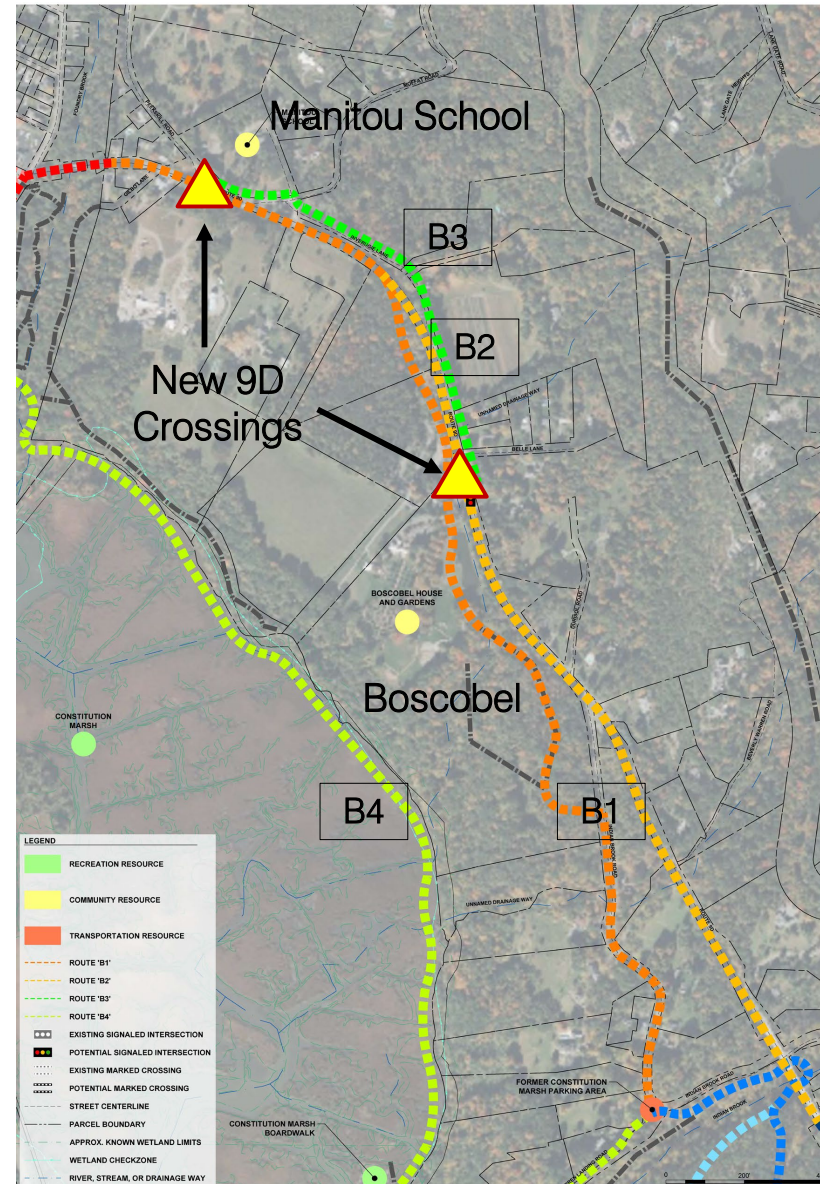
\*Favored Route\*

- — — — — Route B1  
- Multi-Use Path
- — — — — Route B2  
- Bike Lanes
- — — — — Route B3  
- Multi-Use Path  
- Sharrows  
- Sidewalks
- — — — — Route B4  
- Multi-Use Path  
- Boardwalk  
- Soft Surface Trail



# Potential Routes Area B

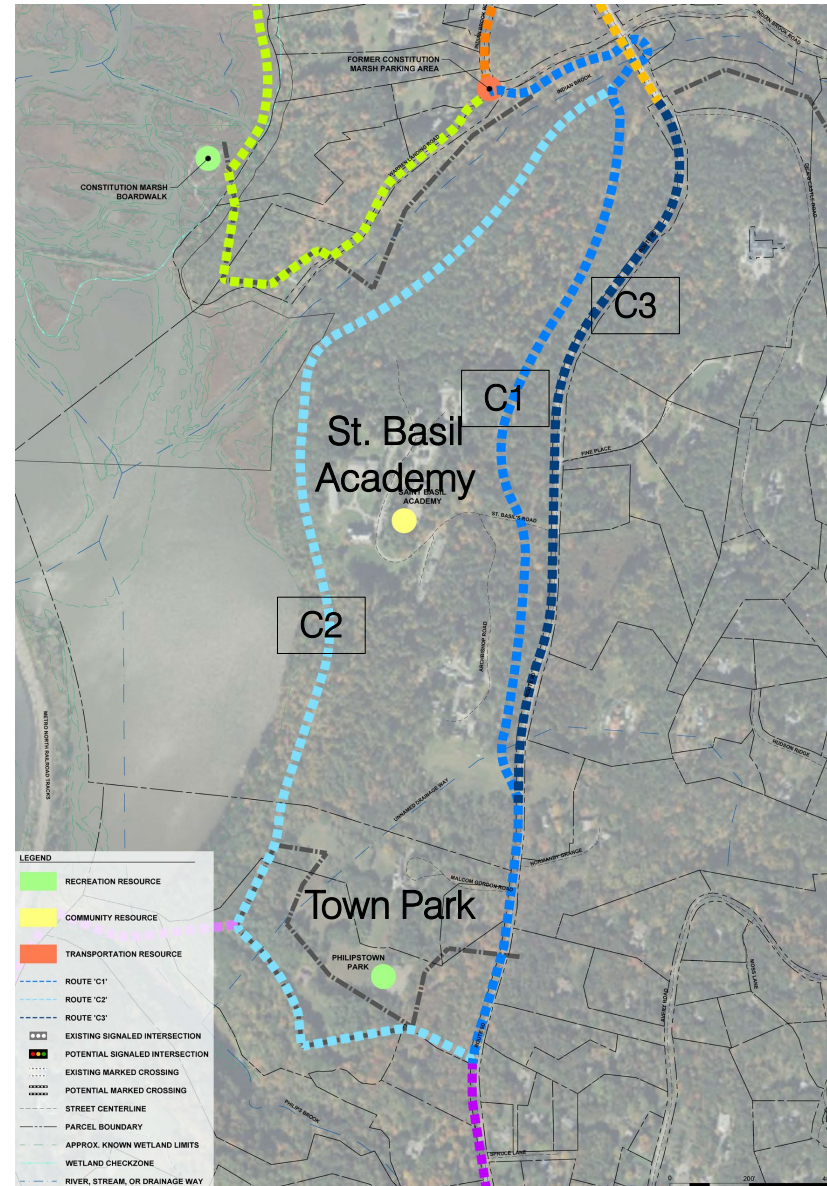
Pros	Cons
Route B1 (*favored route)	
Provides connectivity to Manitou School, Boscobel, and neighborhoods	Renovate/Replace Indian Brook footbridge, (Requires restrict access to falls)
Utilizes existing paths within Boscobel	Right-of-Way width unknown
Route B2	
May stay within Route 9D Right-of-Way	Bike Lane would primarily serve experienced cyclists
Provides on-road accommodation on 9D	Insufficient space along 9D Indian Brook Bridge
Route B3	
Utilizes existing roadway (Invergugie Rd.) [private]	Right-of-Way width unknown
	Requires two new crossings of 9D
Route B4	
Scenic Destination	Limited NYS Park land available, boardwalk
Away from Road	No Boscobel connection





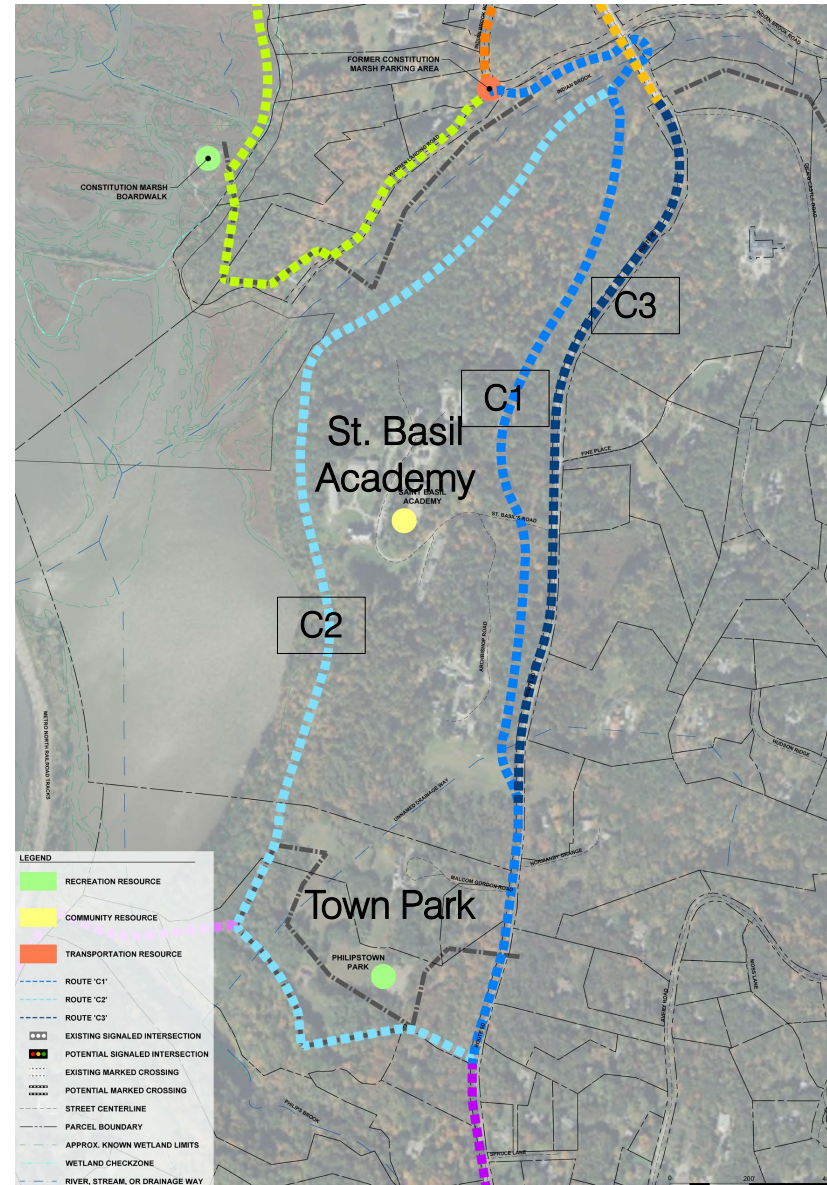
# Potential Routes Area C – Route 9D Corridor (South)

- — — — — Route C1  
- Multi-Use Path
- — — — — Route C2  
- Multi-Use Path  
- Soft Surface Trail
- — — — — Route C3  
- Multi-Use Path



# Potential Routes Area C

Pros	Cons
Route C1	
Utilizes existing path (requires landowner permission)	Right-of-Way width unknown
Separate from Route 9D	
Route C2	
Path is further away from St. Basil Academy campus	Difficult terrain (steep, grade changes, bedrock, etc.)
Scenic & separate from Route 9D	Bald Eagle nest restricts potential path routes
Route C3	
May stay within Route 9D Right-of-Way	Route 9D is very narrow in sections, bedrock restrictions
Provides on-road accommodation on 9D	Right-of-Way width unknown





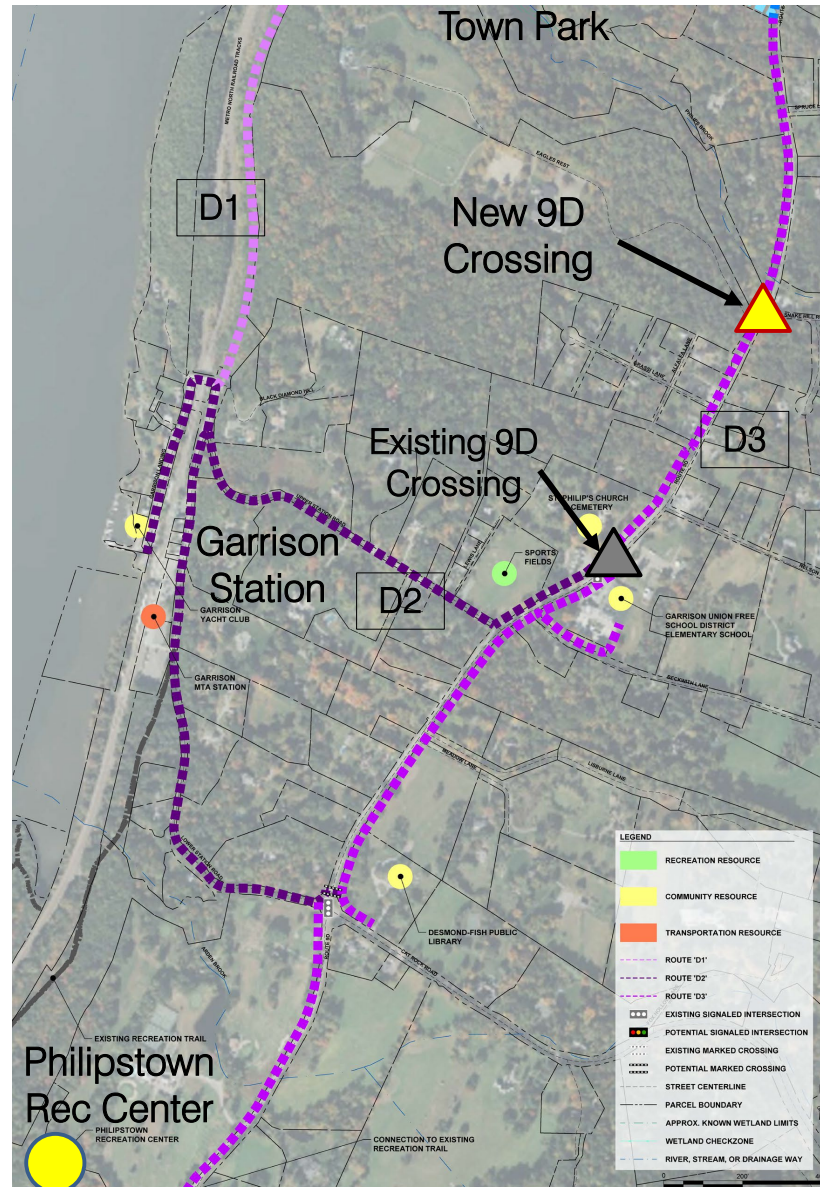
# Potential Routes Area D – Garrison

Route D1  
- Multi-Use Path

Route D2  
- Sharrows

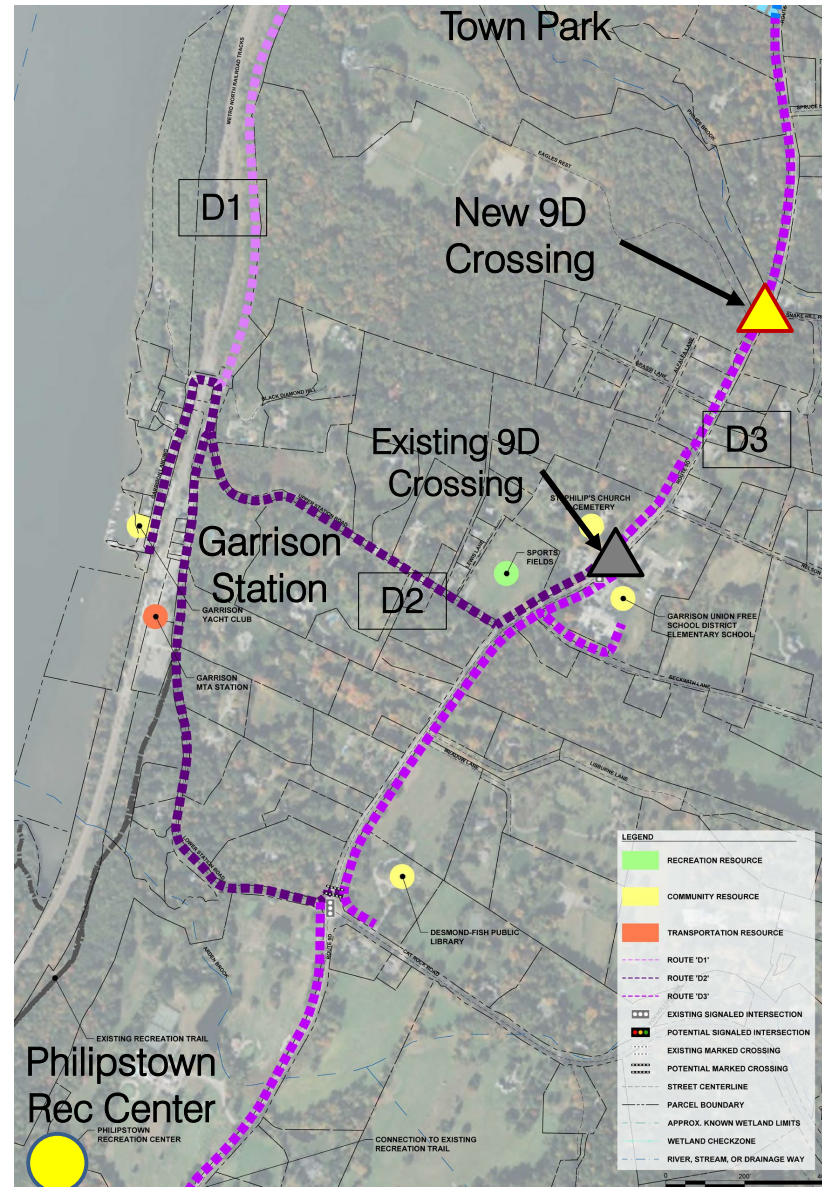
\*Favored Route\*

Route D3  
- Multi-Use Path  
- Sharrows  
- Sidewalks

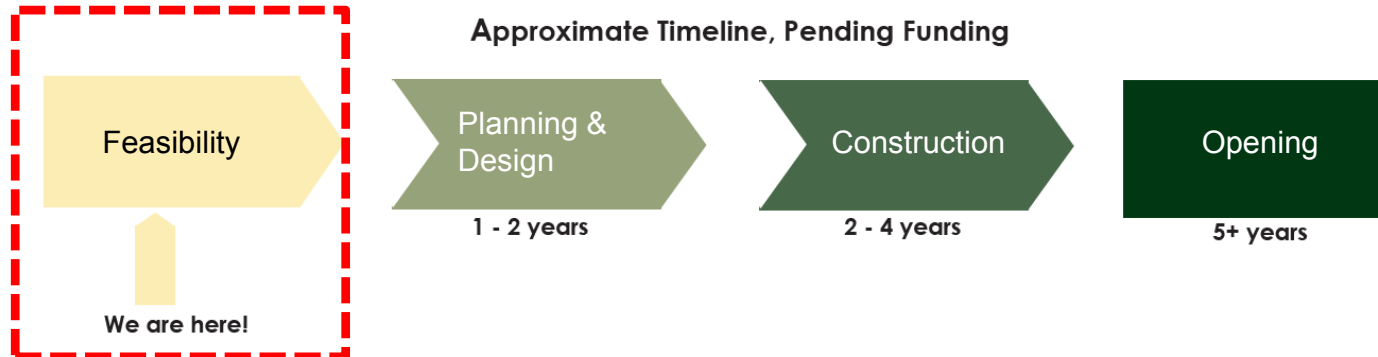


# Potential Routes Area D

Pros	Cons
Route D1	
Scenic & Separate from Route 9D	Far from neighborhoods, school / library
	Limited Space along railroad tracks (requires MTA approval)
Route D2	
Connection to Garrison UFSD	Right-of-Way width unknown
Direct connection to train station for commuters / visitors	Upper & Lower Station Roads ROW too narrow for off-road facility
Route D3 (*favored route)	
Utilizes existing trail (Marcia's Mile) from Rec Center to Garrison Lndg.	Not a direct route to Train Station for commuters
Provides connection to community resources (Rec Center, School, etc)	
Provides safer accommodation along Route 9D	



# Project Timeline



# Thank You

## Questions & Comments

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[www.philipstowntrails.org](http://www.philipstowntrails.org)





# Questions & Comments Ground Rules

1. Step Up & Step Back; ensure that everyone has a change to speak who would like to.
2. Please limit your questions or comments to 2 – 3 minutes.
3. If you've already spoken once, please allow for new speakers to have a turn first.

