



Bike and Pedestrian Masterplan

ADVISORY COMMITTEE #3

MUD Workshop
with
BFJ Planning and KB Engineering

AGENDA

Welcome and Opening Remarks

A/ Recap from AC#2

Recap from Advisory Committee Meeting #2
Updated Vision, Goals and Strategies

B/ Project Updates

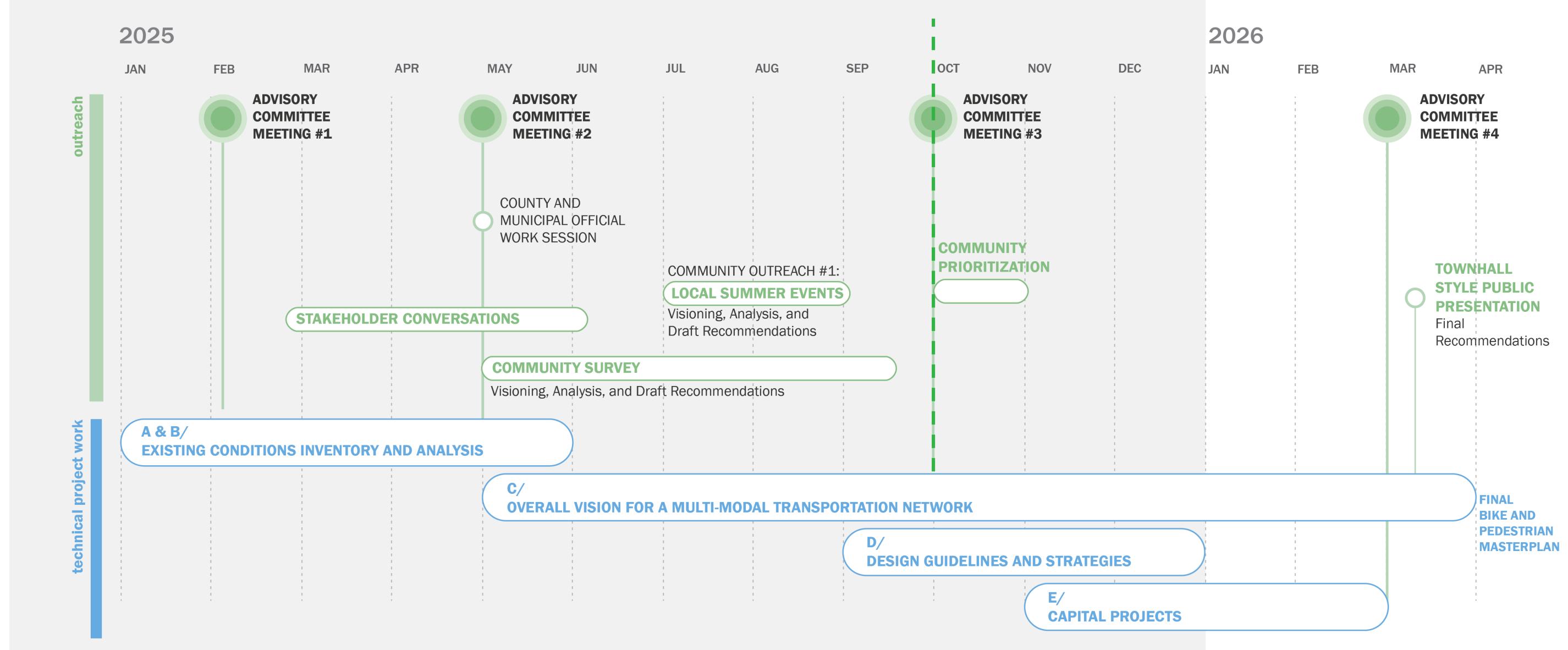
Key takeaways from community outreach including
survey and local outreach

C/ Working Session and Planning Workshop

D/ Next Steps

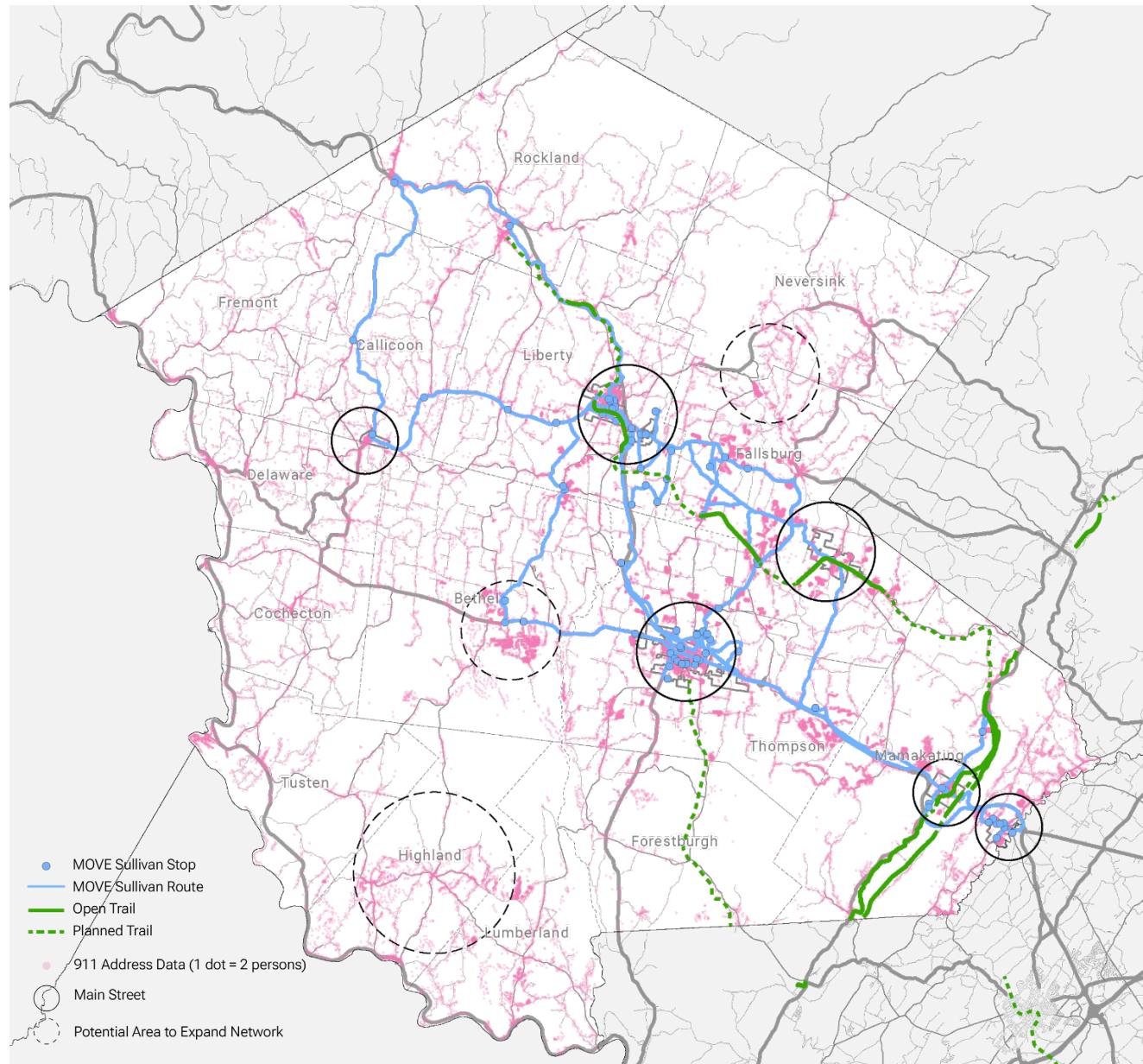
A/ PROJECT AND PROGRESS UPDATE

We are here!

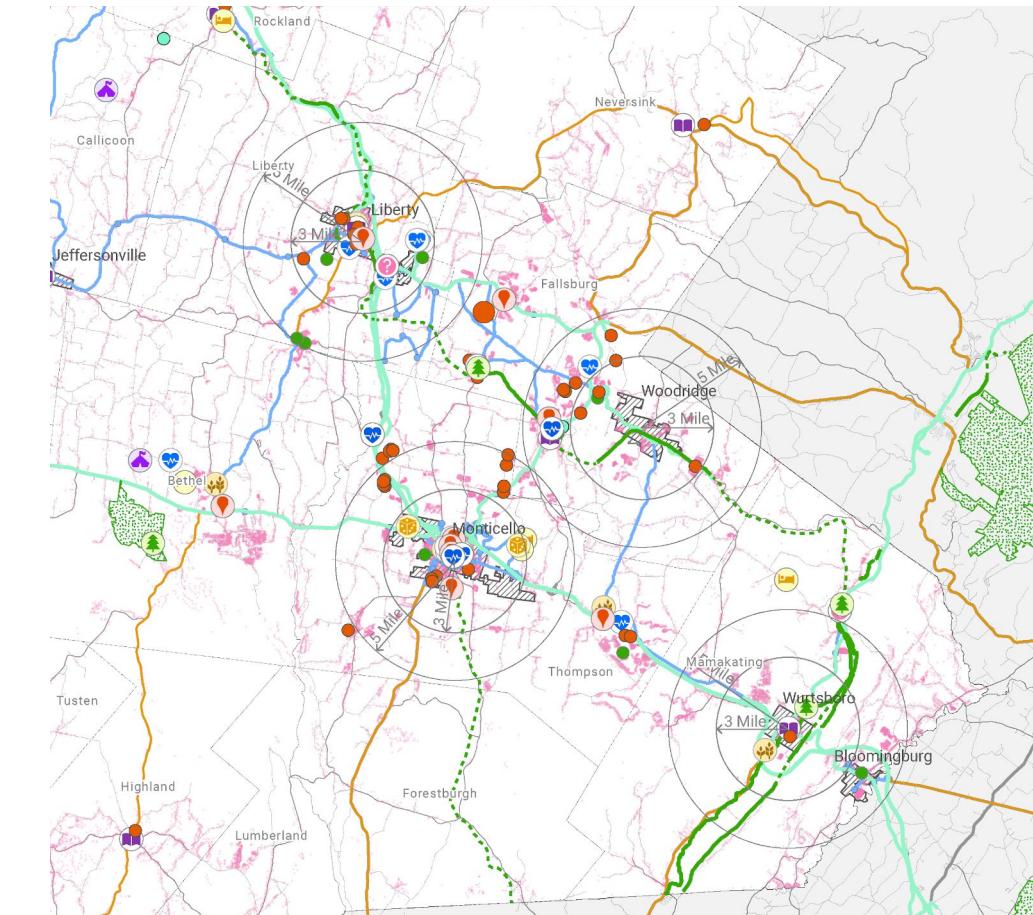


Recap from Advisory Committee Meeting #2

Population Center and Focus Area



Population Density and Transportation Network



The Last 2-3 Miles in Relation to Everyday Destinations

Recap from Advisory Committee Meeting #2

Emerging Themes

Pedestrian and bike safety education

Given the existing road conditions, pedestrians often walk outside designated areas or along roads without street lighting at night, positioning themselves in danger. Meanwhile, drivers sometimes fail to follow road signs / speed limits. Therefore, traffic -calming measures and educational toolkits should be considered in the design.

County's rich natural resources, rural character, and environmental quality

The County has over 100,000 acres of farmland, marking a significant characteristic of the physical context. The rural areas are often less-populated, car-oriented, and lack public transit options. The difference in context and environmental quality would require an adaptive and moderate intervention to preserve the rural characteristic and improve walkability and bikeability.

Interconnected recreation and mobility network

The County has 25 miles of existing O&W Rail Trail network passing through the county's population centers: Liberty, Hurleyville, Woodridge, etc. There are over 50 miles of recreational trails planned to connect the fragmented trail segments. When these recreational trails intersect with main streets, activity nodes, and other highly trafficked areas, there're always insufficient signages marking the urban trailhead or the next continuous trailhead.

Capital and investment sources

The County has a total of 385 miles of roadway, and the funding and resources required to construct and maintain these roads is a key concern. Additionally, part of the sidewalk system is maintained by property owners, but the code enforcement is often executed ineffectively.

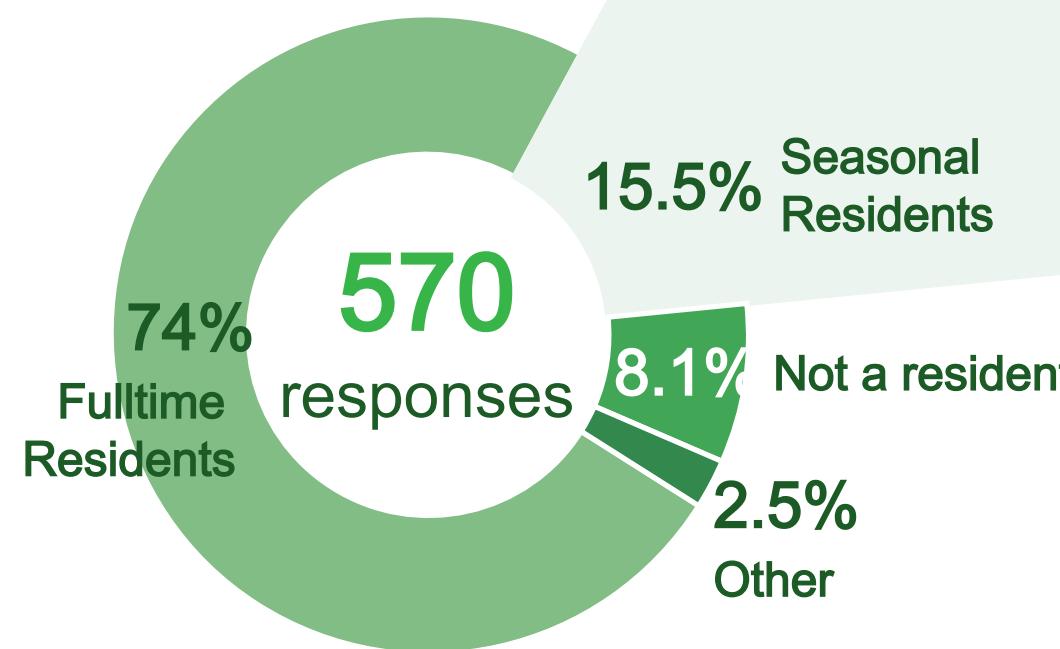
Mass of activities necessary for biking and walking

Walking and biking are not preferred travel options to everyday destinations and activity centers due to the long distances between destinations and the lack of facilities accommodating pedestrians and cyclists.

B/ Project Updates

- Key takeaways from community outreach including community survey and pop -up events
- Bike and pedestrian alignment options

Key Takeaways from Online Survey

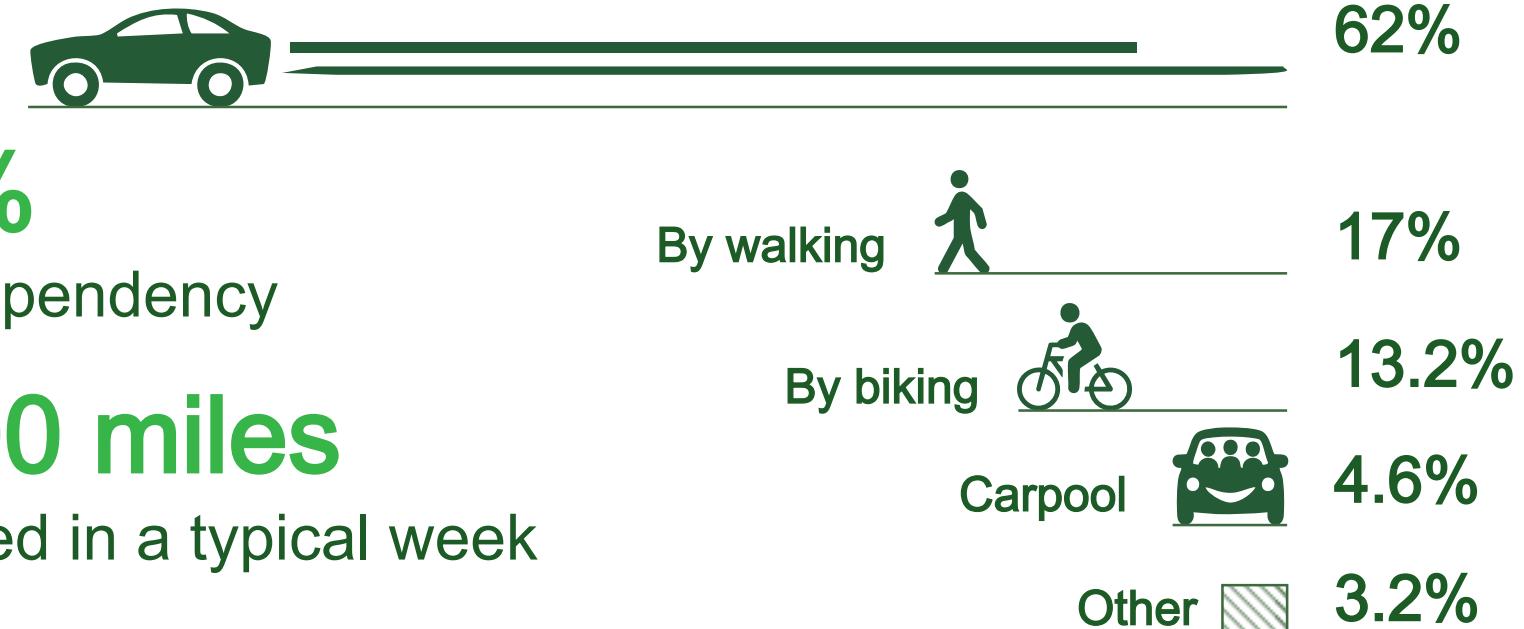


from April 30th to September 5th.



Peak months when seasonal residents visit.

Primary Mode of Transportation



<200 miles
traveled in a typical week

Key Takeaways from Online Survey

Walking: Behavior and Needs



April - October

are the months when people walk the most.



is usually how far people walk in a single trip.

What would motivate you most to walk?

Safety from traffic

Trail access

Sidewalks and pedestrian infrastructure

Key Takeaways from Online Survey

Bicycling: Behavior and Needs



May - October

are the months when people walk the most.



is usually how far people bike in a single trip.

What would motivate you most to bike?

Safety from traffic

Dedicated bike lanes

Wider road shoulders

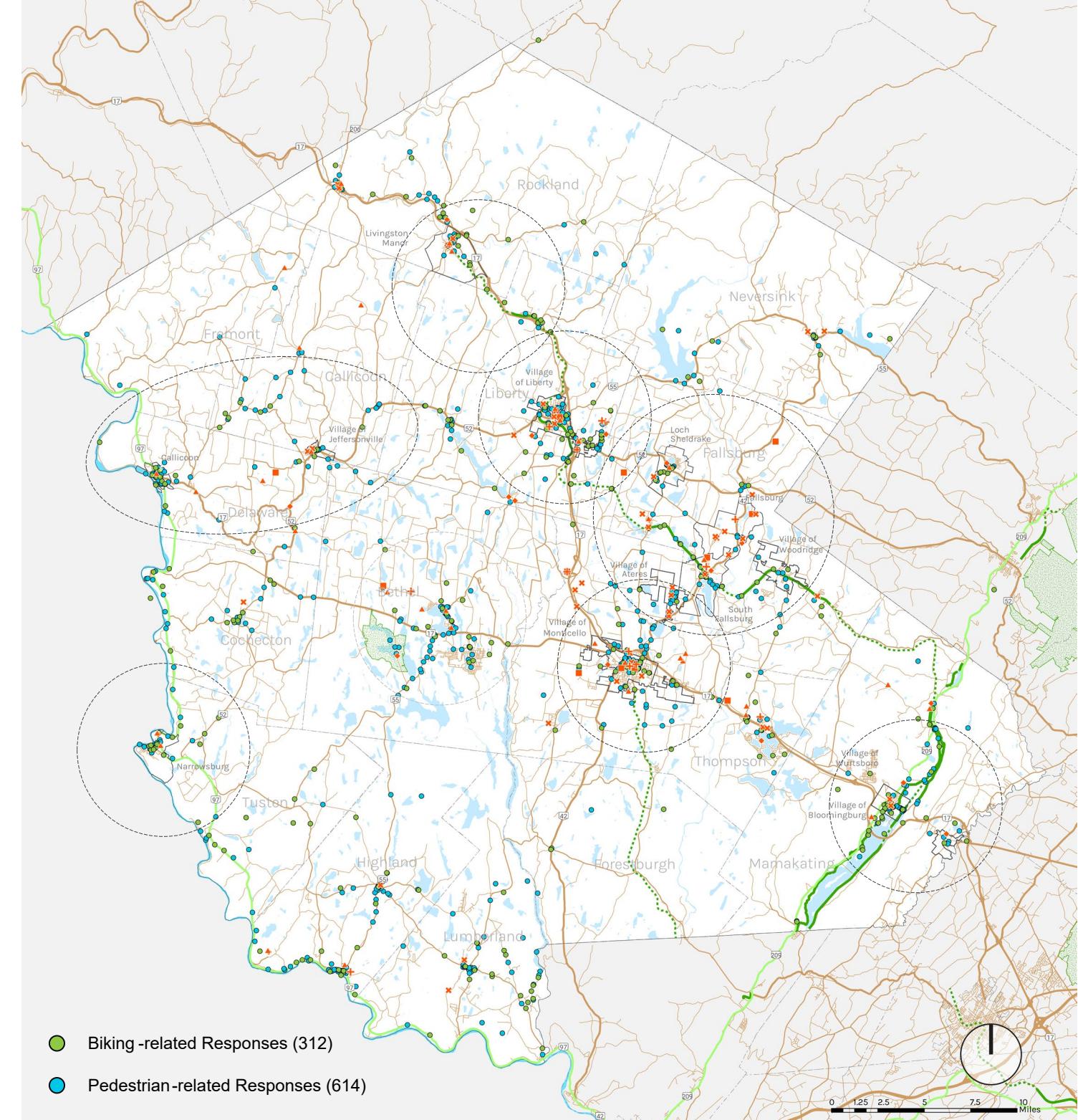
Key Takeaways from Online Survey Map-based Responses

Biking:

1. More trail / greenway access
2. Separated paths
3. Slower vehicle speed / traffic calming
4. Sidewalks / crosswalks in more area
5. Better lighting

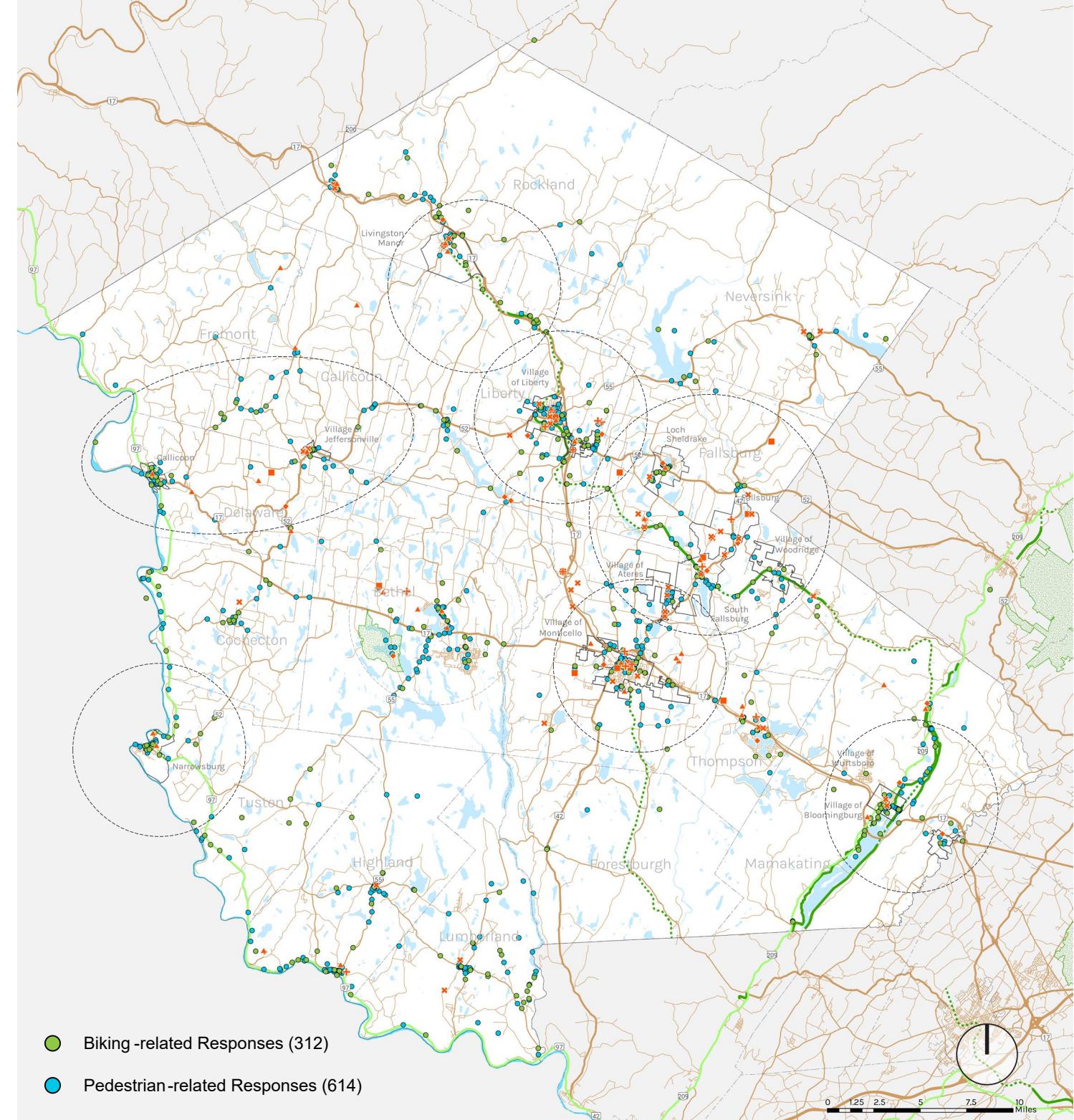
Pedestrian:

1. Sidewalks / crosswalks in more area
2. Separated paths from bike and traffic
3. More trail / greenway access
4. Slower vehicle speed / traffic calming
5. Better lighting



Key Takeaways from Advisory Committee Meeting #2 Key Areas

- Village of Monticello
- Village of Liberty
- Livingston Manor / Parksville
- Narrowsburg
- South Fallsburg / Loch Sheldrake / Hurleyville / Village of Ateres
- Village of Wurtsboro / Village of Bloomingburg
- Village of Jeffersonville / Callicoon



Progress from Advisory Committee Meeting #2

Updated Vision, Goals, and Strategies

Goal 1

Develop an educational campaign for road safety, ensuring the protection of drivers, cyclists, and pedestrians.

Goal 2

Develop design guidelines that incorporate pedestrian and bicycle infrastructure while respecting the rural character of Sullivan County.

Goal 3

Establish local pedestrian and bike networks within 3 -5 mile radius of key population centers.

Goal 4

Collaborate with municipal leaders, not -for -profits, and State agencies to develop a regional pedestrian and bike network that strengthens multi -modal transportation opportunities.

Goal 5

Develop guidance on future land use and zoning plans for municipalities.

Key Takeaways from Local Outreach Events

Presented draft vision, goals, and strategies for residents to provide feedback on.

Recurring themes from local outreach event:

- Road safety education / incentive
 - Sidewalks
 - Separate bike and vehicular traffic
 - Traffic calming & signage
 - Enhance the link between trail and Main Streets / road network

GOAL 1: Total Count:	
Agree 13	Disagree 0
<p>Develop design guidelines that incorporate pedestrian and bicyclist infrastructure while respecting the rural character of Sullivan County.</p>	
<p>Put a ● dot on the images that best depicts bike and pedestrian network / safety interventions you'd like to see in Sullivan County, and a ● dot on any you do not favor.</p>	
	
Edge Lane Road	Favor 10 Do Not Favor 1
	
Shared Use Path	Favor 0 Do Not Favor 2
	
Raised Sidewalk and Speed Table	Favor 1 Do Not Favor 1
	
Paved Shoulder	Favor 4 Do Not Favor 0
	
Protected and Separate Bike Lane and Sidewalk	Favor 0 Do Not Favor 1
	
<p>Recreational Trails and Roadway Intersection</p>	
<p>Favor 0 Do Not Favor 2</p>	

GOAL 3: Total Count: Agree 16 Disagree 0		Add a ● if you agree and a ○ if you disagree.	
<p>Develop an educational campaign for road safety, ensuring the protection of drivers, cyclists, and pedestrians.</p>			
<p>Please share your ideas and strategies to support the goal.</p>			
<p>1. Signage and pedestrian safety markings e.g. crosswalks, at key intersections.</p>			
<p>Agree 16 Disagree 0</p>			
<p>2. Guidebook for pedestrian and bicyclist safety.</p>			
<p>Agree 8 Disagree 0</p>			
<p>3. Distribution of reflective clothing and accessories to spot bikers and pedestrians at night.</p>			
<p>Agree 14 Disagree 0</p>			
<p>Please provide additional suggestions here.</p>			
<p>1. Have a guidebook + an app or a real person to interact with in addition.</p>			
<p>2. If a kid had a bike helmet on, they got free pizza; incentivize good habits</p>			
<p>3.</p>			
<p>4.</p>			
<p>5.</p>			
<p>6.</p>			
<p>7.</p>			
<p>8.</p>			

<p>GOAL 4: Total Count: Agree 10 Disagree 0</p> <p>Collaborate with municipal leaders, not-for-profits, and State agencies to develop a regional pedestrian and bike network that strengthens multi-modal transportation opportunities.</p>	<p>Add a ● if you agree and a ● if you disagree.</p>  <p>Please share your ideas and strategies to support the goal.</p> <p>1. Plan a bike share system to connect key regional destinations such as SUNY community college campus.</p> <p>Agree 10 Disagree 0</p> <p>Please provide additional suggestions here.</p> <p>1. _____ 2. _____ 3. _____ 4. _____ 5. _____ 6. _____ 7. _____ 8. _____ 9. _____ 10. _____ 11. _____ 12. _____ 13. _____ 14. _____ 15. _____ 16. _____</p> 
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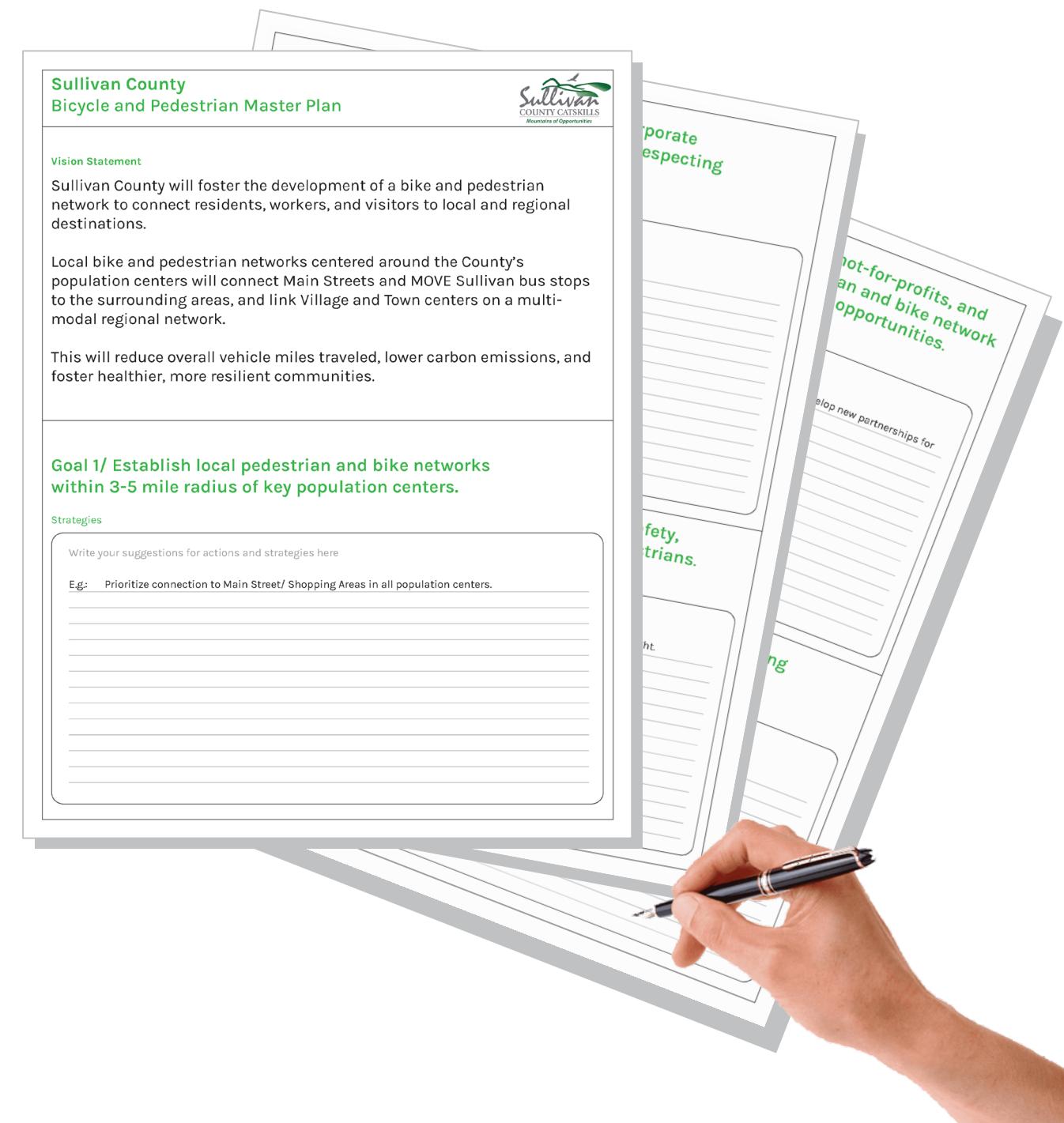
GOAL 5:		Total Count:
		Agree 1 Disagree 0
<p>Develop guidance on future land use and zoning plans for municipalities.</p>		
<p>Please share land use / zoning / development issues you are facing in your neighborhood or municipality.</p>		
<p>1. Plan a form-based code and provide development design guideline that benefit the pedestrian and bicycle network.</p>		
<p>Agree 8 Disagree 0</p>		
<p>Please provide additional suggestions here.</p>		
1.		
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17.		
<p>Add a ● if you agree and a ○ if you disagree.</p>		

Vision Statement

Sullivan County will foster the development of a bike and pedestrian network(s) to connect residents, workers, and visitors to local and regional destinations. Local bike and pedestrian networks centered around the County's population centers will connect Main Streets and MOVE Sullivan bus stops to the surrounding areas, and link Village and Town centers on a multi -modal regional network. This will reduce overall vehicle miles traveled, lower carbon emissions, and foster healthier, more resilient communities.

Workshop 1: Refining Goals and Strategies

Please review the vision and goal statements and write your suggestions for actions and strategies here.



Let's take a quick break!

Workshop 2: Prioritizing Walking and Biking Routes Identifying Partnerships

Workshop: Priority Projects and Implementation



Each alignment has been evaluated according to the following criteria:

- Response density from the survey
- Proximity/ connection of the alignment to transit network, recreational networks and local destinations
- Road jurisdiction
- Household density
- Pedestrian- and bicycle-related accidents

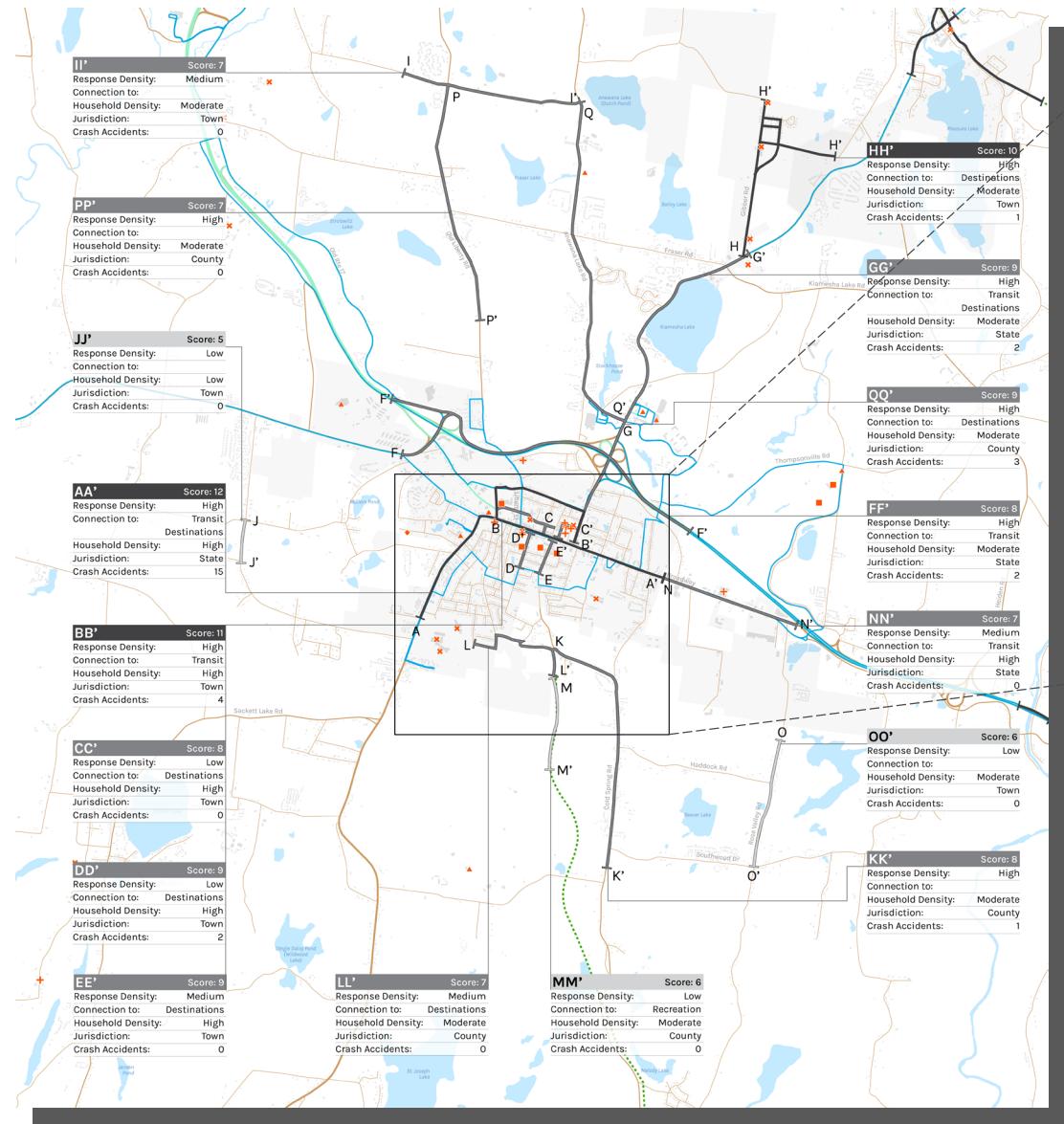
Workshop: Priority Projects and Implementation

Line Name	Response Density - Enter Number of Survey Responses along the Alignment			Does the alignment augment connection to transit?		Does the alignment augment connection to recreational destinations and routes?		Does the alignment augment connection to local destinations?		How does the alignment augment connections to transit, recreation and local destinations?	What is the density of households around the alignment? Enter Low / Moderate / High		What is the road jurisdiction? Enter Town / County / State		Number of Fatal Crashes	Number of Non-Fatal Crashes	Total number of Crashes : Fatal + Non - fatal crashes	What is the Crash Score ?	Total Score 1 without Response Density (Add scores for Connections to transit/	Total Score 2: Total Score 1 + Response Density Score	Total Score 3: Total Score 1 + Response density at County Level		
	Description	Rank	Score	Score		Score		Score															
AA'	16	High	3	Overlap with MOVE Sullivan Route	1	0				Monticello High School Eagle Plaza Mall Public Library The Arc Greater Hudson Valley	1	2	High	3	State	1	0	15	15	3	9	12	12
BB'	18	High	3	Overlap with MOVE Sullivan Route	1	0					1	High	3	Town	3	0	4	4	1	8	11	11	
CC'	2	Low	1	0	0	0				Hospitals	1	1	High	3	Town	3	0	0	0	7	8	8	
DD'	2	Low	1	0	0	0				Major Employer Offices	1	1	High	3	Town	3	0	2	2	1	8	9	9

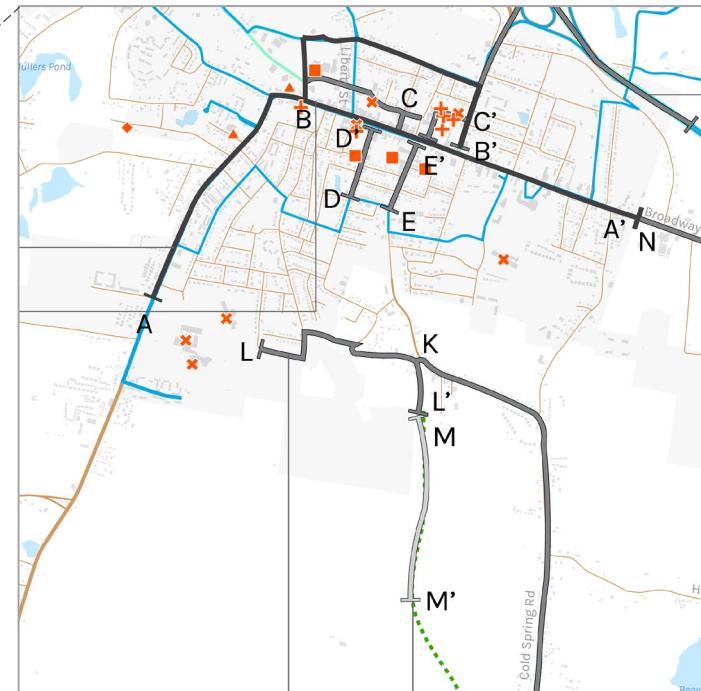
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- Response density from the survey
- Proximity / connection of the alignment to transit network, recreational networks and local destinations
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Workshop: Priority Projects and Implementation



Focus Area Alignment Evaluation Map



AA' Score: 12 High priority
 Response Density: High
 Connection to: Transit Destinations
 Household Density: High
 Jurisdiction: State
 Crash Accidents: 15

DD' Score: 9 Medium priority
 Response Density: Low
 Connection to: Destinations
 Household Density: High
 Jurisdiction: Town
 Crash Accidents: 2

MM' Score: 6 Low priority
 Response Density: Low
 Connection to: Recreation
 Household Density: Moderate
 Jurisdiction: County
 Crash Accidents: 0

Each alignment is evaluated and rated for project feasibility analysis.

Workshop: Priority Projects and Implementation

Step 1:
Review the population center
(7 total) boards around the room.
Each population center has a
distinctly colored site card.
Select and note the alignment
you would like to evaluate.

Step 2:
Select '1' if your answer to
the prompt is 'yes'

Step 3:
Total your score in the circle.

Monticello

Alignment ID **JJ**

IMPLEMENTATION CAPACITY (Total your score in the circle)

Select the score 0 / 1

2

Do you have or are you willing to apply for and manage funds needed to begin implementation?

Are you able to dedicate time / staff for project management / coordination?

Do you have or can you obtain site control needed for implementation?

PROJECT ALIGNMENT (Total your score in the circle)

Select the score 0 / 1

3

Does the project align with your organization's goals and mission and / or with your strategic priorities?

Will the project have a positive effect on your community?

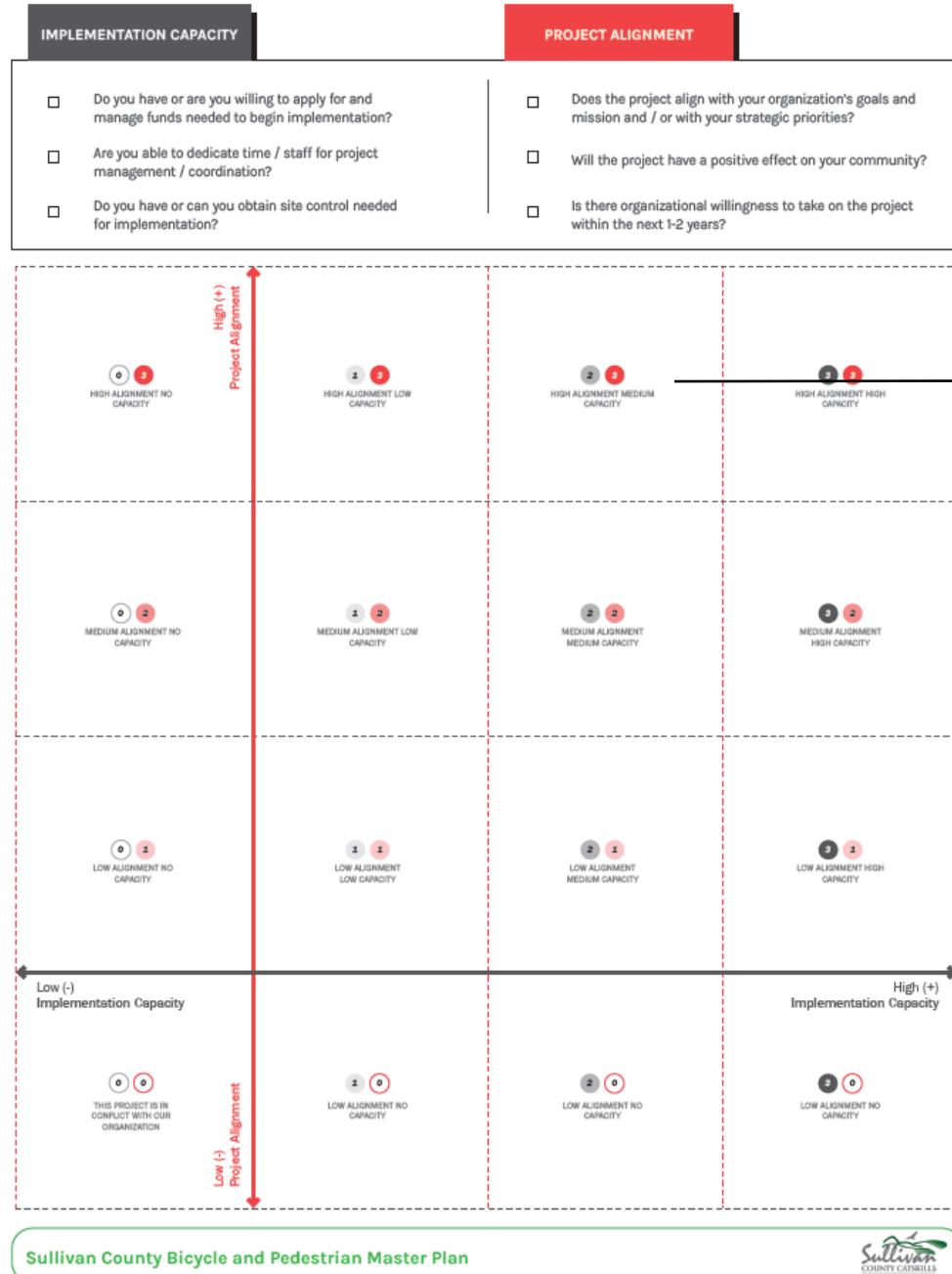
Can your organization begin implementing the project within the next 1-2 years?

Color the heart if you can support the project in other ways.

Name & Affiliation **X**

Site Card

Workshop: Priority Projects and Implementation



Step 4:
Each project card has two scores :
Project Alignment and
Implementation Capacity . Look
at the scores on your card and
place it in the matching box on
the matrix.

C/ Next Steps

Discussing Advisory Committee
Meeting#4 Goals