



South Burlington Active Transportation Plan

Advisory Group Meeting #2

May 9, 2024



CHITTENDEN COUNTY RPC
Communities Planning Together



southburlington
VERMONT

Agenda

- Welcome / SB ATP Overview
- Vision + Goals
- Community Engagement Update
- Gap Analysis / Needs Identification
- Draft Evaluation Criteria
- Next Steps



Project Team



- Drew Gingras
- Elisabeth Sundberg
- Karen Sentoff



CHITTENDEN COUNTY RPC
Communities Planning Together

- Bryan Davis
- Marshall Distel
- Eliana Fox



southburlington
VERMONT

- Erica Quallen
- Nick Atherton
- Adam Matth

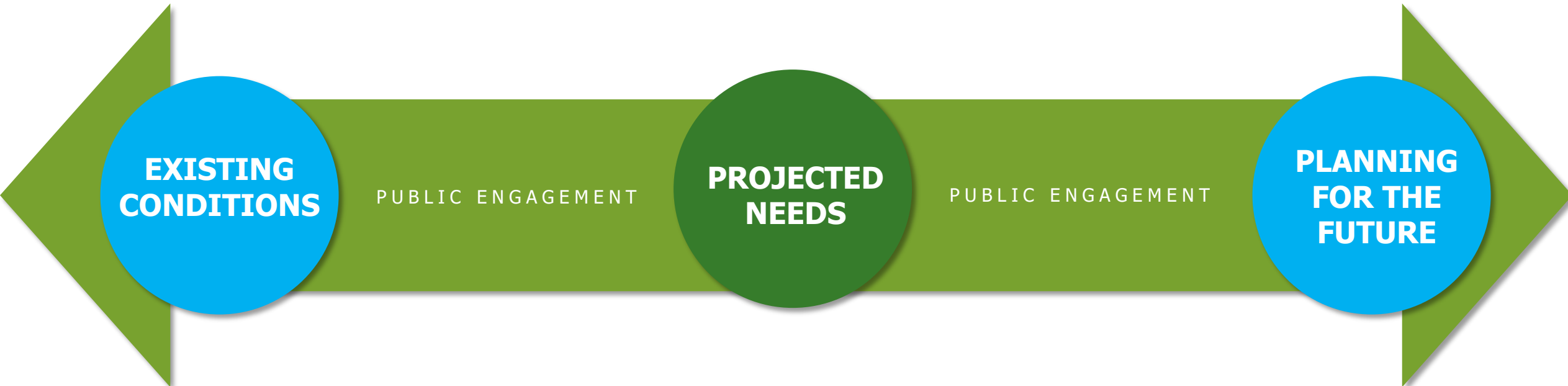


Advisory Group

- Havaleh Gagne | Bicycle & Pedestrian Committee
- Ken Burkman | Bicycle & Pedestrian Committee
- Susan Grasso | Local Motion
- Heath Kirby | Vermont Department of Health
- Tim Jarvis | SB School District
- Cara Sachs | Vermont Center for Independent Living
- Sommer Bucossi / Amanda Holland | VTrans



Scope of Work



- Inventory of Existing Pedestrian + Bicycle Network
- Data Collection

- Gap Analysis / Needs Identification
- Develop Project Goals and Evaluation Criteria
- Develop Proposed Bicycle + Pedestrian Network
- Recommend Design Treatments

- Project Prioritization
- Develop Implementation Strategy / Action Plan
- Develop Final Plan

Project Schedule

- *Kick off Meeting:* November 2023
- *Existing Conditions Data Collection:* November 2023 – January 2024
- *Public Meeting #1:* January 25th, 2024
- *Data Analysis:* February – April 2024
- *Public Meeting #2:* June 6th, 2024
- *Develop Recommendations:* May – July 2024
- *Public Meeting #3:* Late July 2024
- *Develop Plan:* January – August 2024
- *Presentation to City Council:* September 2024
- *Submit Final Plan:* October 2024



Final Vision

South Burlington is building a **sustainable, equitable, and accessible future** where **active transportation** is the priority for our network of roads, sidewalks, paths, and trails. We are building a City which makes walking, biking, rolling, transit, and other active or shared modes of transportation the **convenient, safe,** and natural choice for our residents and visitors of **all ages and abilities**, and in all seasons. Shifting trips away from vehicles towards active and shared modes of transportation on safe infrastructure will contribute to the City and State goals of reducing greenhouse gas emissions and **improving safety** and health outcomes for everyone. The City acknowledges that working towards this vision will necessitate certain trade-offs between the transportation goals and values, and that striking a balance while retaining the integrity of a safe and comfortable active transportation network is key. Through thoughtful **policies, programming, design, and implementation**, South Burlington aims to prioritize the following goals:



Draft Goals (1 of 2)

- **Safety** – Improve safety outcomes for people who walk, bike, and roll through projects, policies, and programs.
- **Connectivity** – Develop an interconnected citywide active transportation network, linking residential areas, employment centers, educational institutions, recreational areas, transit hubs, and other key destinations to support active transportation.
- **Equity** – Foster an environment where all community members, irrespective of their background, socioeconomic status, or other demographic characteristics, have equitable access to active transportation options on a network which connects housing, employment, and services of all types.
- **Accessibility** – Increase access to all forms of transportation for individuals of all ages and abilities, so everyone can get where they need to go safely without relying on a vehicle.



Draft Goals (2 of 2)

- **Health** – Promote active transportation as a means to improve public health by encouraging physical activity and reducing pollution.
- **Climate Focus** – Implement active transportation strategies that help reduce carbon emissions, shift mode share away from vehicles, and contribute towards mitigating climate change.
- **Feasibility** – Plan and implement walking, biking, and rolling projects that minimize engineering and/or funding challenges so that they can be implemented rapidly.
- **Maintenance** – Preserve and improve the condition of the City's active transportation infrastructure by conducting regular inspections and programming and performing regular maintenance activities to support safe and usable infrastructure throughout the year. During winter months, implement snow and ice control measures to maintain clear and safe access to active transportation infrastructure and routes.



Community Engagement

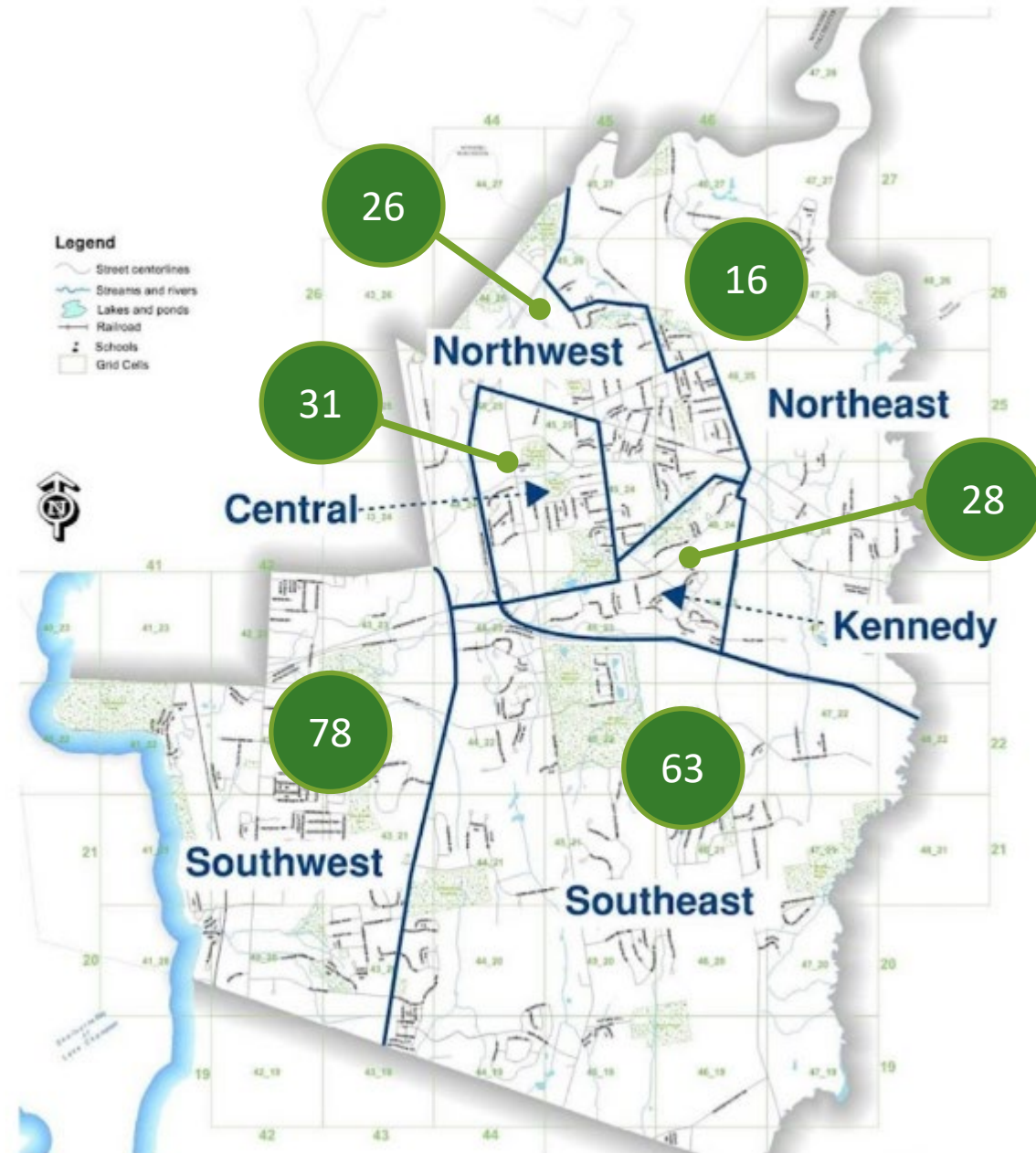
- Public Meeting #1 | January 25th
- Pop Up Events
 - U-Mall | February 16th
 - Healthy Living Market | February 16th
 - English Conversation Circle | March 25th
- Upcoming Events
 - Bike Rodeo | May 18th
 - Public Meeting #2 | June 6th
 - Orchard School Walk Audit(s) | TBD



Survey Input

- **300** people have completed the survey
- **254** respondents indicated they live in South Burlington
- **98** respondents indicated that the speed of vehicles is a large challenge when walking
- **124** respondents indicated that lack of separation from vehicles is a large challenge when biking
- **111** respondents indicated that not enough bike lanes are a large challenge

Plan to close survey after Public Meeting #2



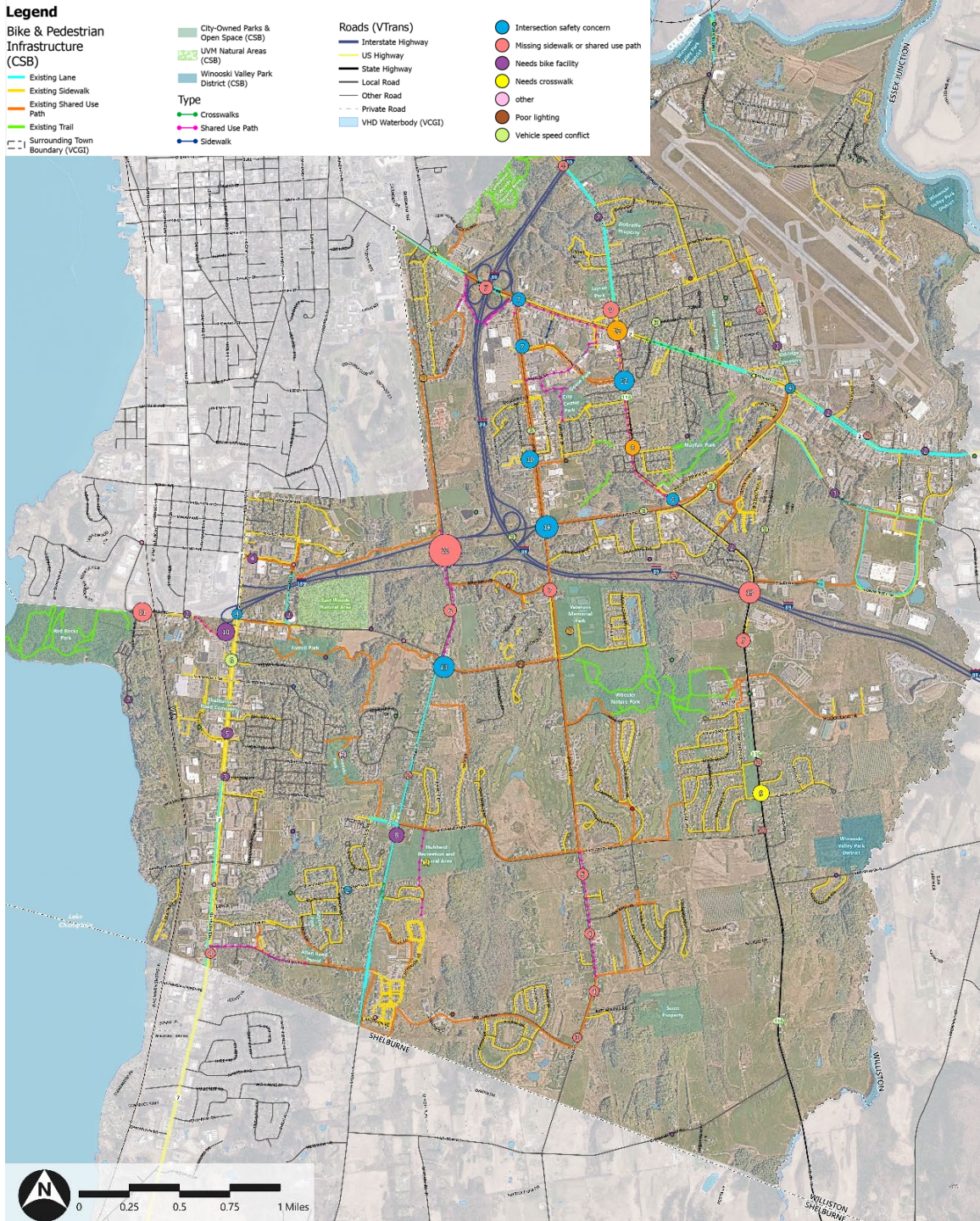
Survey Input

"We are interested in learning about your primary concerns and/or needs for walking/rolling, and biking in South Burlington. Using the following map below, please indicate up to 3 locations where you have concerns and/or a need for improvement."

Categories

Number

Missing sidewalk or shared-use path connection	126
Needs bike facilities (striped lanes, buffered lanes, separated lanes, etc.)	98
Intersection safety concern	47
Vehicle speeds, conflicts, etc.	49
Crosswalk safety concern	26
Needs a crosswalk	20
Poor lighting	10
Other	20
TOTAL	396



Gap Analysis

Corridor Gaps:

- **Shelburne Road**
 - No bicycle facilities from Swift Street to Imperial Drive
 - No bicycle facilities from border with Shelburne to Imperial Drive east side
- **Spear Street**
 - No bicycle facilities from I-189 overpass to Swift Street
 - No pedestrian facilities from Swift Street to Shelburne town line
- **Dorset Street**
 - No bicyclist or pedestrian facilities from Old Cross Road to Sadie Lane
- **Patchen Road**
 - No visible bicycle facilities / Poor sidewalk conditions
- **Hinesburg Road**
 - No bicycle facilities between Kennedy Drive City and the Williston / South Burlington border
 - No sidewalks from I-89 overpass to Williston / South Burlington border
 - No sidewalk along eastern side of roadway between Kennedy Drive and Williston / South Burlington border
- **Williston Road**
 - No bicycle facilities from Dorset to Davis Parkway / Pine Tree, Airport Drive/ Williston Road intersection
 - No sidewalk facilities from Millham Court to Williston border



Gap Analysis

Intersection Gaps:

- Shelburne Road and Swift Street
- Shelburne Road and Queen City Park Road
- Shelburne Road and Farrell / Home Street
- Shelburne Road and Brewers Parkway
- Hinesburg Road and Kennedy Drive
- Williston Road and Dorset Street
- Williston Road and Gregory Drive
- Williston Road and Kennedy Drive
- Kennedy Drive and Dorset Street
- Market Street and Dorset Street
- Swift Street and Spear Street
- Dorset Street and Garden Street

Crossing Gaps:

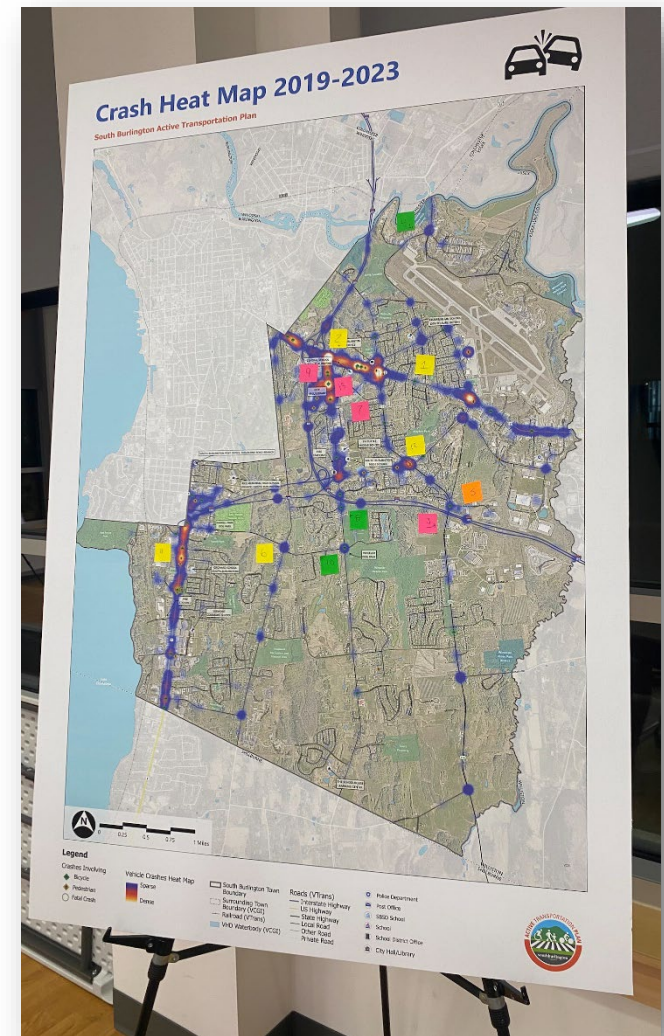
- Hinesburg Road and Dubois Road
- Williston Road and Hinesburg Road
- Swift and Farrell Street
- Shelburne Road and I-189 crosswalk
- Spear Street and Quarry Hill Road



Draft Evaluation Criteria

Goals	Criteria/ Definition	Measurement	Maximum Influence
Safety	Improve safety outcomes for people who walk, bike, and roll through projects, policies, and programs	Along a roadway with a high crash location or high crash segment.	
		Along a roadway with a crash history involving vulnerable users	
		Occurs on a roadway with a speed limit over 25 mph	
		Along a roadway with AADT >20,000	
		Along a roadway with AADT between 6,000-19,999	
		Along a roadway with AADT <5,999	
Connectivity	Develop an interconnected citywide active transportation network, linking residential areas, employment centers, educational institutions, recreational areas, transit hubs, and other key destinations to support active transportation.	Project within 1/8 miles of school	
		Project within 1/4 miles of school	
		Project within 1/8 miles of recreational area	
		Project within 1/4 miles of recreational area	
		Project within 1/8 miles of transit hub / high-use stop	
		Project within 1/4 miles of transit hub / high-use stop	
		Project within 1/8 miles of key community center (health center, civic center, senior center, food shelf, library, etc.)	
		Project within 1/4 miles of key community center (health center, civic center, senior center, food shelf, library, etc.)	
Equity	Foster an environment where all community members, irrespective of their background, socioeconomic status, or other demographic characteristics, have equitable access to active transportation options on a network which connects housing, employment, and services of all types.	Project improves overall active transportation network connections (Closes a gap, extends the network, adds new facility, corrects existing deficiency)	
		Falls in Census tract 33.04	
		Falls in Census tract 33.01	
		Falls in Census tract 40.02	
		Falls in Census tract 36	
Public Input	Throughout the planning process, people have shared their experiences walking and bicycling. Public feedback from surveys, and public open houses was incorporated into the prioritization process to ensure the community's voice was reflected in final recommendations.	Project that has been previously identified by the city or community members in previous studies	
		Projects that were collected during the public outreach process 10+ comments	
		Projects that were collected during the public outreach process 5-9 comments	
		Projects that were collected during the public outreach process <5 comments	
Accessibility	Increase access to all forms of transportation for individuals of all ages and abilities, so everyone can get where they need to go safely and have reasonable modal choices (expanding beyond private motor vehicle use).	Project expands (or improves existing) ADA infrastructure	
		Project addresses existing infrastructure that is in need of repair	
		Recommendation provides "all ages and abilities" facility to encourage transportation modal options.	
Feasibility	Plan and implement walking, biking, and rolling projects that minimize engineering and/or funding challenges so that they can be implemented rapidly.	Fewer complexities, or thorough identification of multiple complexities and specific efforts to address (complexities include ROW acquisition significant permitting, challenges, design constraints, significant structural components such as bridges or retaining walls, etc.)	
		Project Status (New, Scoping, Design, Construction)	
		Estimated construction cost	
Weighted Total			

- Finalize project goals and evaluation criteria
- Public Meeting #2 | June 6th
- Recommended Bicycle and Pedestrian Network
- Recommended Design Treatments
- Project Prioritization



Stay in Touch!



Elisabeth Sundberg
802.391.5559
esundberg@vhb.com



southburlington
VERMONT

Erica Quallen
802.658.7961 (ext. 6115)
equallen@southburlingtonvt.gov



CHITTENDEN COUNTY RPC
Communities Planning Together

Bryan Davis
802.861.0129
bdavis@ccrpcvt.org

Project Website: <https://tinyurl.com/SouthBurlingtonATP>
Survey Link: <http://tinyurl.com/SBATPSurvey>

