



**CITY OF BURLINGTON  
DEPARTMENT OF PUBLIC WORKS**

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**Chapin Spencer**  
*DIRECTOR OF PUBLIC WORKS*

## **M E M O R A N D U M**

To: Tenzin Chokden, Clerks Office  
From: Chapin Spencer, Director  
Date: April 11, 2019  
Re: Public Works Commission Agenda

Please find information below regarding the next **SPECIAL** Commission Meeting.

Date: **April 16, 2019**  
Time: 6:30 – 9:00 p.m.  
Place: **645 Pine St – Main Conference Room**

## **A G E N D A**

### ITEM

- 1 Call to Order – Welcome – Chair Comments
- 2 5 Min Agenda
- 3 10 Min Public Forum (3 minute per person time limit)
- 4 5 Min Consent Agenda
  - A Proctor Place Parking Restriction
  - B Latham Court Temporary Construction Parking
  - C Electric Vehicle Charging & CarShare EV Pilot on Main Street
  - D PlanBTV Walk Bike Implementation – Parking Revision on Austin Dr
  - E Flynn Ave Safer Biking Infrastructure Update
  - F Colchester Ave Safety & Parking Evaluation Update
  - G 15 – Minute Parking at Champlain Elementary.

### Non-Discrimination

The City of Burlington will not tolerate unlawful harassment or discrimination on the basis of political or religious affiliation, race, color, national origin, place of birth, ancestry, age, sex, sexual orientation, gender identity, marital status, veteran status, disability, HIV positive status, crime victim status or genetic information. The City is also committed to providing proper access to services, facilities, and employment opportunities. For accessibility information or alternative formats, please contact Human Resources Department at (802) 540-2505.

- 5 20 Min Crosswalk Guidelines Presentation  
A Communication, M. Suender  
B Commissioner Discussion  
C Public Comment  
D Action Requested – None
- 6 20 Min Narrow Streets Update  
A Presentation, P. Peterson  
B Commissioner Discussion  
C Public Comment  
D Action Requested – None
- 7 20 Min 2019 Construction Overview  
A Presentation, R. Goulding  
B Commissioner Discussion  
C Public Comment  
D Action Requested – None
- 8 5 Min Approval of Draft Minutes of 3-20-19
- 9 10 Min Director's Report
- 10 10 Min Commissioner Communications
- 11 **Adjournment & Next Meeting Date – May 15, 2019**



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# Memo

*Date:* April 16, 2019

*To:* Public Works Commission

*From:* Madeline Suender, Associate Engineer

*CC:* John Adams-Kollitz, Parks Project Coordinator  
Ashley Toof, Public Works Engineer  
Laura Wheelock P.E., Senior Public Works Engineer

*Subject:* Proctor Place Parking Prohibition

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## Recommendations to the DPW Commission:

### 7 No-parking area.

No person shall park any vehicle at any time in the following location:

- On Proctor Place.

### Purpose & Need:

The purpose of the recommended traffic regulation amendment is to allow adequate effective travel width (14ft minimum for Burlington Fire Department) on Proctor Place after construction of the roadway improvements proposed as part of the Burlington Bike Path Rehabilitation Project Phase 3A. The project will include bike path changes and the addition of a curb on Proctor Place which will narrow the street width from 26ft to 18ft. Creating a parking prohibition will address the need to allow large vehicles such as emergency services, plow trucks, trash and recycling trucks to access the road while maintaining two travel lanes.

### Project Checklist:

	N/A	Yes	No	Reference
Aligns with MUTCD standards and/or established City Policy?		X		National Fire Protection Codes (Chapter-18), AASHTO, and the MUTCD
Aligns with City plans?		X		DPW Yield and Narrow Streets Policy
Followed Public Engagement Plan?		X		These Traffic Regulation changes are defined as an INVOLVE project in the Public Engagement Plan (PEP).

**Summary and Conclusion:**

Burlington Parks, Recreation and Waterfront is progressing with a redesign of Proctor Place to better accommodate bike access and address runoff concerns as part of their Burlington Bike Path Rehabilitation Project Phase 3A. This design would complete the bike path facility along this stretch of roadway improving safety and access. By restricting parking, this design can accommodate emergency service vehicles. This recommended parking restriction will take effect after the bike path reconstruction in this section is completed. Construction for this phase of the work is expected to be complete in Fall 2019.

Street width affects the capability of emergency service vehicles to rapidly reach a fire or medical emergency and for emergency personnel to efficiently set up and use their equipment. The access requirements for emergency response vehicles are driven, in part, by National Fire Protection Codes. Narrow streets may also limit access by plow trucks and may increase the risk of damage to vehicles and to plow drivers' driving records.

The principal motivation behind this traffic regulation amendment is to ensure emergency vehicles have sufficient mobility and access to Proctor Place. Based on all of these considerations, Staff recommend restricting parking on Proctor Place.

**Public Engagement:**

In preparation for the 04/16/19 DPW Commission Meeting, staff mailed flyers to property owners along Proctor Place, Harrison Ave, and Harbor Watch Rd most impacted by the proposed parking change. Staff received 2 emails in regards to this matter (see Attachment 2).

**Attachments:**

1. Site map.
  2. Public correspondence.
-



## Attachment 2: Public Correspondence

4/8/19

Dear Madeline,

I live at [REDACTED] and just received your letter regarding removing parking from Proctor Place as you repair the bike path.

I do understand the need to make the area better defined. It is currently difficult for bike path users to understand that there is also a road but losing parking will be difficult

In the summer there is a great deal of parking on Proctor Place as they use this parking to access Oakledge Park. If you remove the parking from Proctor Place it will push the need for parking to Harrison and Central Ave which will make it difficult for local residents. I hope these residents have been informed as well.

I would ask you to consider possible putting 2 parking spaces at the end of the road to provide overflow parking for 6 and 8 proctor place and one designated for the city so they can always have access to the pump station. (3 total).

Sincerely,

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4/9/19

Hi Madeline,

By way of introduction, I am writing on behalf of myself and [REDACTED]. We live at [REDACTED]. I have also cc'ed our landlord and fellow Lakeside resident, [REDACTED], and our neighbor at [REDACTED].

We received your letter yesterday describing the motivation and impacts of the bike path redesign along Proctor Place. We appreciate how clearly the letter explained the goals, and what that would require to maintain emergency vehicle access. We are big fans of the bike path project and support improvements to the Proctor Place section. We would like to know more about the specific site plans. Some of our concerns are minimizing the reduction of available parking, how the no-parking areas will be signed and/or enforced on busy summer weekends, etc.

Is there a time we can meet and look at the site plan? We would be able to come to the DPW office, but perhaps it would be more useful to walk around Proctor Place and we can share our observations of how people move through and use the space.

Best Regards,



**City of Burlington**  
Department of Public Works

Technical Services Engineering Division  
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Burlington, VT 05402  
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Memorandum

*Date:* April 16, 2019

*To:* Public Works Commission

*From:* Madeline Suender, Associate Public Works Engineer

*CC:* Norm Baldwin P.E., City Engineer  
Laura Wheelock, Senior Public Works Engineer  
Ashley Toof, Public Works Engineer

*Subject:* Latham Court Temporary Parking

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**Recommendations:**

Staff recommends the Commission temporarily remove:

27 No person shall park any vehicle except (1) a vehicle with a valid residential street sticker; (2) a vehicle with a valid transferable residential hanging tag; (3) a clearly identifiable service or delivery vehicle while conducting a delivery or performing a scheduled or requested service; (4) a clearly identifiable car share vehicle; or (5) a vehicle displaying a valid state-issued special registration plate or placard for an individual with a disability on any street, or portion thereof, designated as "residential parking."

- (a) Streets designated for resident parking at all times include:
  - (7) Latham Court.

Staff recommends the Commission temporarily approve:

7 No parking areas. No person shall park any vehicle at any time in the following locations:  
(187) On Latham Court.

27 No person shall park any vehicle except (1) a vehicle with a valid residential street sticker; (2) a vehicle with a valid transferable residential hanging tag; (3) a clearly identifiable service or delivery vehicle while conducting a delivery or performing a scheduled or requested service; (4) a clearly identifiable car share vehicle; or (5) a vehicle displaying a valid state-issued special registration plate or placard for an individual with a disability on any street, or portion thereof, designated as "residential parking."

- (a) Streets designated for resident parking at all times include:
  - (7) Residents from Latham Court shall be eligible for resident parking permits on Nash Place, Thibault Parkway, or Case Parkway.

**Purpose and Need:**

The purpose of this request is to temporarily accommodate parking during the 2019 construction season. The need is to offset parking loss for residents and businesses along Latham Ct during this construction.

**Project Checklist:**

	N/A	Yes	No	Reference
Aligns with MUTCD standards and/or established City Policy?	X			
Aligns with City plans?		X		
Followed Public Engagement Plan?		X		This project falls under INVOLVE on the Spectrum of Engagement and the minimum engagement strategies were met.

**Summary and Conclusion:**

During the planning phase for the 2019 paving projects, a need to temporarily remove on street parking on Latham Court was established due to the associated construction. Latham Court, and the surrounding streets, are currently resident parking only. Staff collected data on Latham Court over various days and observed a maximum of 19 vehicles parked on the street. Upon collecting data on adjacent streets, it was determined that Nash Place, Thibault Parkway, and Case Parkway have enough parking capacity to allow Latham Court residents to temporarily park along Nash Place, Thibault Parkway, or Case Parkway during the brief period the road will be under construction. Construction is planned in Phase 1 of the paving schedule which spans from April 1<sup>st</sup> to June 30<sup>th</sup>. Once Construction is complete, Latham Court residents will regain on street parking on Latham Court and no longer be granted parking on Nash Place, Thibault Parkway, or Case Parkway.

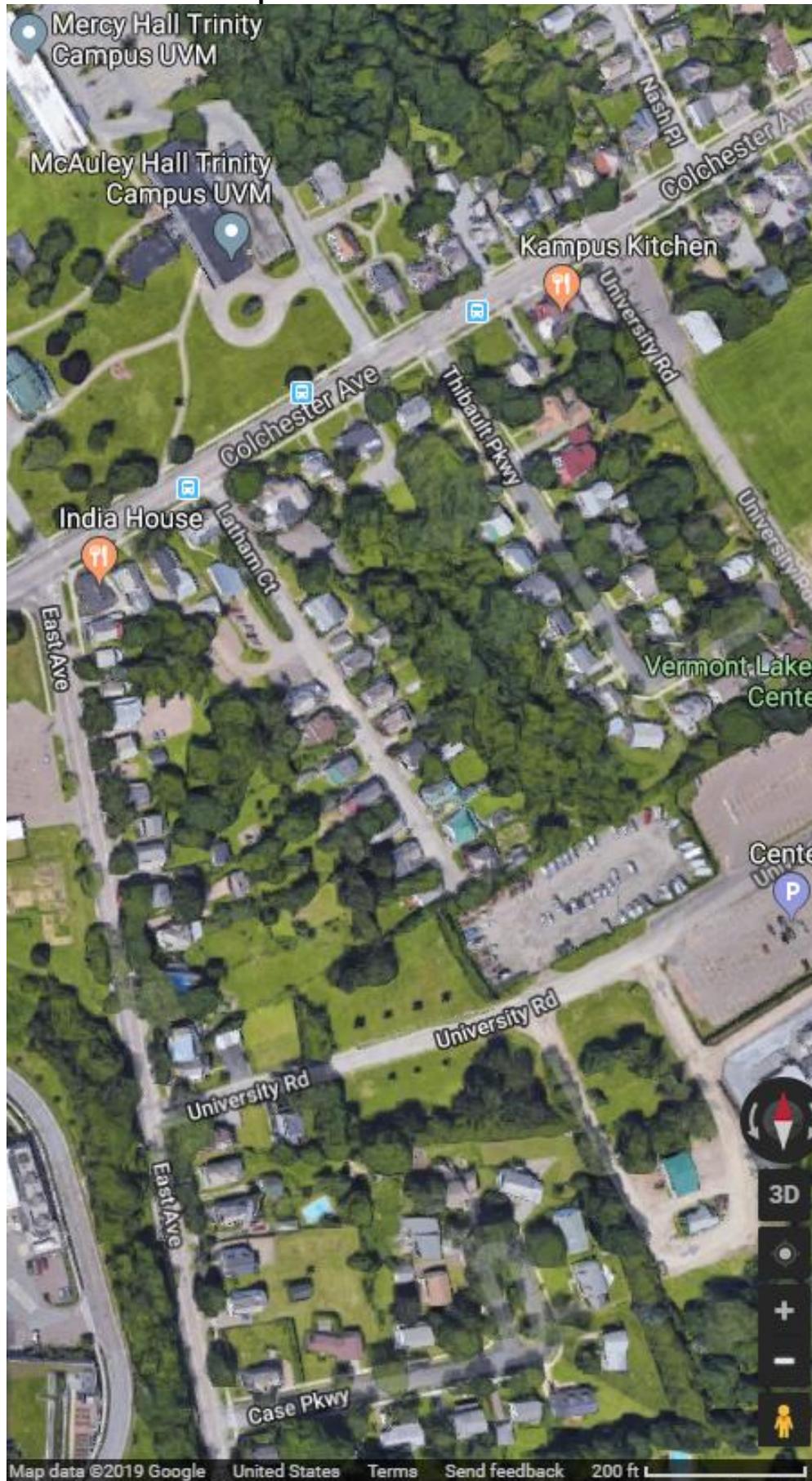
**Public Engagement:**

In preparation for the 04/16/19 DPW Commission Meeting, Staff sent a mailer to residents of Latham Court, Nash Place, Thibault Parkway, and Case Parkway effected by this change. Staff received two emails and two phone calls in regards to this matter (see Attachment-2). Residents expressed some logistical concerns about the temporary parking changes.

**Attachments:**

1. Site map.
  2. Public correspondence.
-

**Attachment 1: Site Map**



## Attachment 2: Public correspondence

4/10/19

Email received from Case Pkwy Resident:

Hi Ms. Suender,

I am writing on behalf of my mother, [REDACTED], who lives at [REDACTED] Case Pkwy. My mother has a concern about your proposal to allow Latham Court residents to park on Case Pkwy while their street is being paved. [REDACTED] neighbors often use a shortcut through her yard to access Centennial Woods and Centennial Field. She is happy to have the neighbors crossing her yard, so she doesn't want to block it off. But, assuming that any Latham Court residents who park on Case Pkwy would take the shortest route back home, she would rather not have strangers crossing the yard.

Best regards,

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4/9/19

Email received from Latham Ct Resident:

I received a letter regarding paving on Latham Court this summer which will impact street parking. I'm in favor of resident parking passes for Case Parkway and Thibault Parkway. I also have a couple questions:

Is there an approximate timeframe for the paving?  
Will guest passes be given for these streets?  
Will the street be shutdown at anytime?

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4/9/19

Phone call received from Thibault Pkwy Resident:

- In favor of parking
  - Wondering about how it will be regulated
  - How will passes be handled once paving is complete
- 

4/8/19

Phone call received from Nash Place Resident:

- Expressed capacity concerns due to narrow street width and dead end road
- Extra cars could cause problems for him when he is backing in and out of his driveway with a large truck/trailer
  - o He has had problems in the past with this



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# Memo

*Date:* April 11, 2019

*To:* Public Works Commission

*From:* Phillip Peterson, Associate Engineer *PMA 4/11/19*

*CC:* Susan Molzon P.E., Senior Public Works Engineer

*Subject:* Electric Vehicle Charging Station and Parking Space for CarShare Vermont

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**Staff recommends the DPW Commission adopt as a one-year pilot:  
7 No parking areas.**

*No person shall park any vehicle at any time in the following locations:*

- On the north side of Main Street in the first and second space west of Saint Paul Street is reserved for use by electric vehicles only.

**Staff recommends the DPW Commission adopt as a one-year pilot:  
29 No parking except for the use of car share vehicles.**

*Spaces designated as no parking at all times except for the use of car share vehicles only:*

- On the north side of Main Street in the first space west of Saint Paul Street.

**Purpose & Need:**

The purpose of the recommended traffic regulation amendments will increase parking opportunities for Electric Vehicles (EV) in the downtown core. Furthermore, the proposed work will accommodate the needs of CarShare Vermont to better serve the Burlington residents by providing access to car sharing services. The electric vehicle and carshare only space will be a one-year pilot, which will provide CarShare Vermont and DPW Staff valuable data on EV and car share use in the downtown core.

**Project Checklist:**

	N/A	Yes	No	Reference
Aligns with MUTCD standards and/or established City Policy?		X		Transportation Plan for the City of Burlington, Adopted 3.28.2011. Climate Action Plan 3.24.2014.

Aligns with City plans?		X		Transportation Plan for the City of Burlington, Adopted 3.28.2011. Climate Action Plan 3.24.2014.
Followed Public Engagement Plan?		X		These Traffic Regulation changes are defined as an INVOLVE project in the Public Engagement Plan (PEP).

**Summary and Conclusion:**

Staff received a request (see Attachment-1) from CarShare Vermont in collaboration with Burlington Electric, requesting the City add two Electric Vehicle (EV) only spaces on the north side of Main Street in the first and second spaces west of Saint Paul Street (see Attachment-2). Staff recommends the Commission approves the installation of EV parking on the north side of Main Street in the first and second space west of Saint Paul Street for a one-year pilot. Moreover, CarShare Vermont in collaboration with Burlington Electric, requested the opportunity to use one space on the north side of Main Street in the first space west of Saint Paul Street as a one-year car share/EV pilot (see Attachment 3). Consequently, Staff recommends the Commission approve the installation of a carshare vehicle only parking space on the north side of Main Street in the first space west of Saint Paul Street; this space would be a one-year pilot for car share vehicles only effective from the date of EV parking installation. The commission will approve these traffic regulation amendments with the understanding that Staff will not make ordinance revisions for the electric vehicle spaces until the EV charging station is approximately one month from being complete.

The Transportation Plan for the City of Burlington identifies carsharing as an important component of transportation demand management which aims to reduce car travel and congestion. Adding a carshare space in the downtown core is a benefit to all Burlington residents and provides an additional transportation alternative for residents.

The Burlington Climate Action Plan for the City of Burlington identifies electric vehicles as an important component in reducing carbon emissions. Developing infrastructure for fuel-efficient vehicles is a goal of the Climate Action Plan. Adding two EV spaces in the downtown core is a benefit to all Burlington residents and meets the goals of the Climate Action Plan.

**Public Engagement:**

In preparation for the 04/16/19 DPW Commission Meeting, Staff placed flyers at each property along the block adjacent to the Main Street and Saint Paul Street intersection. Staff received two (2) emails (see Attachment-4). Both emails support Staff recommendations.

**Attachments:**

1. Initial request.
  2. Site map.
  3. Public correspondence.
-

## April 17<sup>th</sup> Shared EV Parking Requests

Phillip Peterson, Engineer  
Department of Public Works  
Burlington, Vermont 05401

April 4, 2019

### Background:

Since 2008, nonprofit CarShare Vermont has operated a carsharing service in Burlington and Winooski that has allowed hundreds of households to own fewer vehicles and reduce the amount they drive. Some notable impacts include:

- CarShare Vermont members reduce the amount they drive by over one million miles annually; as such they reduce their emissions by nearly one million pounds.
- 65% of CarShare Vermont members report shedding a vehicle or opting not to purchase/replace a vehicle after joining.
- For every vehicle CarShare Vermont puts in service, 15 are removed from the road.
- CarShare Vermont reduces congestion and eases parking demand.
- CarShare Vermont members save over \$800,000 annually.

For all of these reasons, the City of Burlington has documented support for the expansion of carsharing, including *electric* carsharing, as a proven strategy for reducing VMT and dependence on personal vehicles in the following plans and studies:

- Burlington Climate Action Plan
- Transportation Plan for the City of Burlington
- Plan BTV: Comprehensive Plan
- Downtown Parking & Transportation Management Plan
- IBM Smarter Cities Challenge: Burlington Report

Access to desirable parking for shared vehicles is critical to the success of a community carsharing program, ensuring that the vehicles are conveniently accessible by the greatest number of existing and potential users. CarShare Vermont has extensive experience siting vehicles, relying on operational best practices, member demand, and market research. While we make every effort to procure private parking spaces, oftentimes on-and off-street public spaces are favored for a variety of reasons—including ease of access, proximity to transit, and safety, for example.

CarShare Vermont currently has 15 vehicles in operation in Burlington and occupies six city parking spaces. CarShare Vermont has partnered with property developers, UVM, and Champlain College for the remaining spaces.

## Request:

We request to designate the first space on Main Street west of St. Paul Street for electric carsharing only, and on behalf of the Burlington Electric Department, the second space on Main Street west of St. Paul Street for electric vehicles only. Aligned with a number of Burlington’s planning documents, this request also responds to the feedback of multiple members and community partners that we explore the partial electrification of our carsharing fleet, and continues the research already conducted through our EV pilot project supported by the Chittenden County Regional Planning Council.

## EV Pilot Project:

We envision this yearlong pilot as an opportunity to understand whether and how electric vehicles might become an integral part of our shared fleet. It also can provide the city of Burlington a better understanding of how carsharing can fit into a longer-term EV strategy, and offer residents the experience of driving an EV—all of which work toward achieving the city’s climate change goal of net-zero in-city transportation emissions by 2030. Moreover, by reserving the space for a shared EV, we can ensure that many more residents of Burlington—particularly those with low to moderate incomes—gain access to the public charging station and the benefits of electric vehicles, than are currently able with the existing EV only spaces. We intend to further encourage this experimentation with electric vehicles more broadly among the public by waiving our application and membership fees for residents interested in joining to test-drive the shared EV. Through greater exposure, we hope to both encourage a larger market for electric vehicles for those who would be vehicle owners in any event, and a larger share of residents who are able to reduce car ownership and overall vehicle miles travelled.

For the past half year or so, CarShare Vermont has therefore been exploring the challenges and possibilities of adding an electric vehicle to our fleet, a potential start of a longer-term plan to electrify more of our fleet. While there are many challenges—including the cost of the vehicle itself, its range, charging times, and more—the biggest initial barrier for a shared EV is access to public parking and charging infrastructure.

We have had multiple conversations with BED staff and requested their support for this pilot project. While leadership at the Burlington Electric Department recognize that the ultimate decision to occupy this space rests solely with the Public Works Commission, they have committed to supporting our pilot project in theoretical and concrete ways. First, upon commission approval of the requested parking spaces, BED will secure and install a level 2 EV charger for both public and shared use. In the interim, our neighbor and community partner VESCU may host our inaugural EV behind our building at 120 Main Street. If we decide at the end of our pilot to discontinue our occupancy of the shared EV space, we think that the

significant public investment by BED warrants designation of both spaces for EVs only. Nevertheless, as we learn from our pilot, our hope is to continue offering electric carsharing services to our members and to become an integral part of the city's plans as new EV infrastructure is rolled out.

#### Community Outreach:

- Our process for this pilot began as we solicited feedback on the potential addition of an EV to our fleet began through a member survey at the beginning of this year to help shape our request to the Public Works Commission. Over 96% of respondents indicated a desire for CarShare Vermont to offer a shared EV to our members.
- Following the launch of our EV survey, we hosted a focus group in February at our downtown headquarters to gain more insight into perceptions around the use of electric vehicles.
- We will briefly present our plans for a shared EV at the relevant April 11<sup>th</sup> NPA meeting (the space is located in Ward 3).

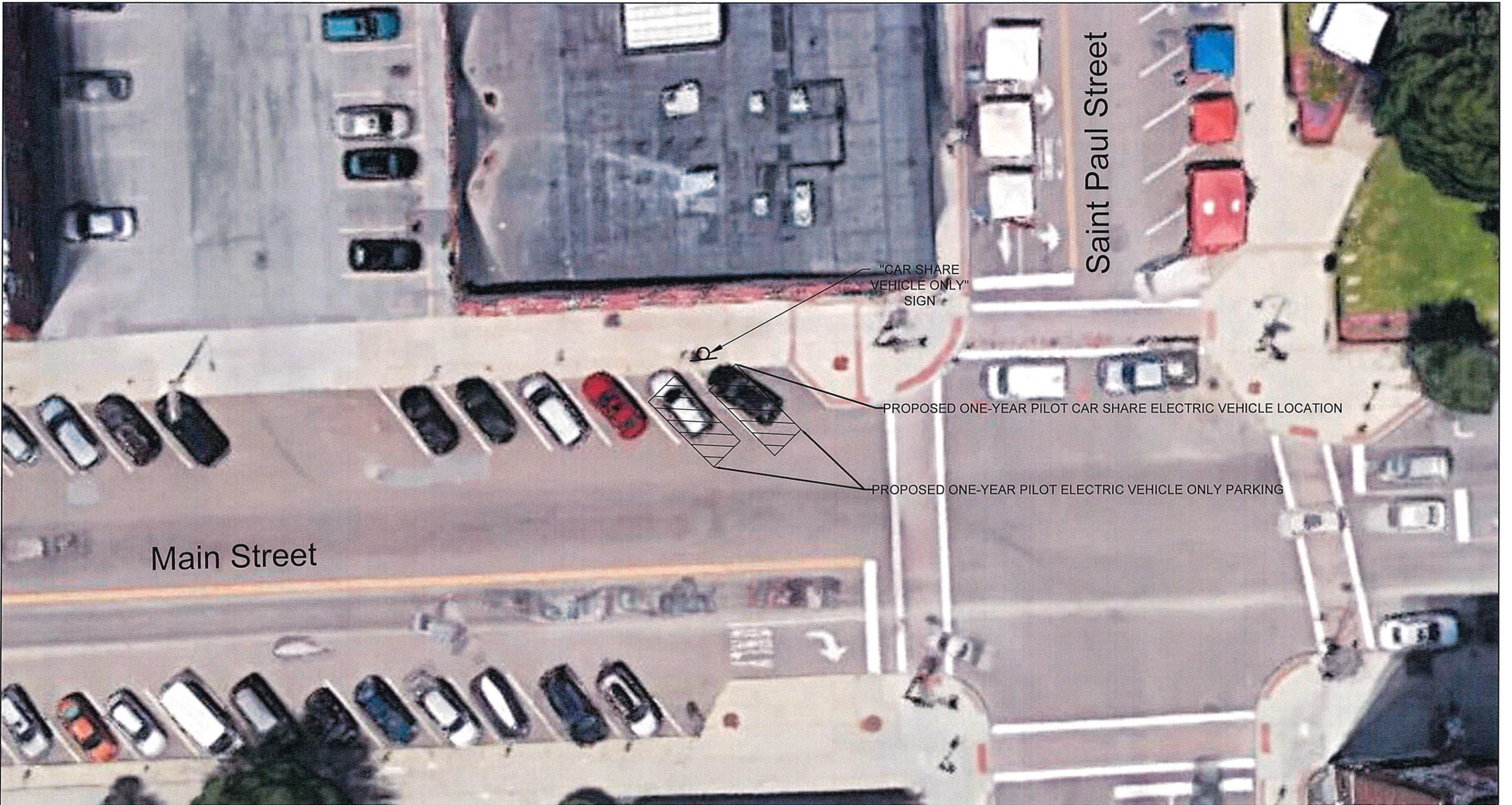
#### Attachments:

- Map and picture of EV pilot pod
- Excerpts from some city plans cited above

Please let us know what additional information you would like us to provide in support of this request.

Yours sincerely,

Patrick Ó. Murphy  
CarShare Vermont  
[patrick@carsharevt.org](mailto:patrick@carsharevt.org)  
Phone: (802) 861-2340



Main Street

Saint Paul Street

"CAR SHARE  
VEHICLE ONLY"  
SIGN

PROPOSED ONE-YEAR PILOT CAR SHARE ELECTRIC VEHICLE LOCATION

PROPOSED ONE-YEAR PILOT ELECTRIC VEHICLE ONLY PARKING



SCALE: 1" = 20'



PROPOSED ONE-YEAR PILOT  
ELECTRIC VEHICLE PARKING AND  
CAR SHARE PARKING SPACE ON  
MAIN STREET



**BURLINGTON  
PUBLIC WORKS  
ENGINEERING DIV.**

645 PINE STREET  
BURLINGTON, VT 05401  
(802) 863-9094  
(802) 863-0488 (Fax)

DESIGNED PMP	SCF NO. N.A.
DRAWN PMP	SCALE 1"=20'
CHECKED SM	DRAWING NO.
DATE 04/08/18	SHEET 1 OF 1

# Public input correspondence emails

Tue 4/9/2019

Dear Mr. Peterson,

My husband and I are CarShare Vermont members and extremely pleased with their organization, their services, and our partnership with them. We've lived in our condo in the heart of downtown Burlington for eleven years — without owning a vehicle. This has been made possible thanks to a combination of Green Mountain Transit buses, Uber/Lyft, Majestic Car Rental, our bicycles, walking, and perhaps most importantly, our CarShare membership. They've provided us mobility, incredible ease, convenience, and cost-savings while contributing mightily to the quality of life we enjoy as downtown homeowners and residents.

We both are excited about and wholeheartedly support CarShare's plan to add an electric vehicle to their fleet, and to park it at the Main and St. Paul intersection — convenient to their office and one block from City Hall and Church Street. Having a community-shared electric vehicle at that location seems like an ideal match with the Great Streets project on St. Paul — especially, reducing the number of vehicles downtown. It would also provide a highly visible example — to residents and visitors — of the city's commitment to climate-change goals and net-zero energy goals, and the city's support of mission-driven non-profits like CarShare Vermont.

Thank you for considering their request.

Linda Oats

Stephen Gonzalez

Fri 4/5/2019

Hey Phillip,

I'm in support of the 2 parking spaces on the corner of Main and St. Paul to be designated for electric vehicle/carshare parking.

Just thought you should know.

Best,

Becca Byrne Manager

American Flatbread Burlington Hearth



April 10, 2019

TO: Public Works Commission

FROM: Nicole Losch, Senior Transportation Planner  
Elizabeth Gohringer, Associate Planner

SUBJECT: Consent Agenda Item: *planBTV Walk Bike* Implementation: Parking Revisions on Austin Drive

#### Recommendation

Staff recommends that the Commission adopt:

- No parking on the southeast side of Austin Drive, from the Ledgewood Driveway to the Redrock Condominium's Driveway.

#### Purpose & Need

- Purpose: Expand the network of safe, convenient, and connected bikeways and implement the City's walk-bike Master Plan while supporting local residents.
- Need: Connect existing and planned bikeways with similar types of bikeways. Help connect the Champlain Parkway shared-use path to the Burlington Greenway at Oakledge Park, through bike lanes in both directions from the Ledgewood Driveway to the Redrock Condominium's Driveway.

#### Project Checklist

	N/A	Yes	No	Describe
Aligns with MUTCD standards and/or established City Policy?		X		
Aligns with City plans?		X		This route is recommended for a bikeway in <i>PlanBTV WalkBike</i> .
Followed Public Engagement Plan?		X		This project falls under Involve on the Spectrum of Engagement. Required Public Engagement Strategies were met.

## Introduction

### Initiation

This project has been initiated by the Department of Public Works.

### Alignment with City plans

In April 2017, the City Council approved *PlanBTV WalkBike*, Burlington's road map to improve walking and biking in Burlington. PlanBTV's two goals are to create safer streets for everyone and to make walking and biking a viable way to get around town. During the community outreach for *PlanBTV WalkBike*, the top priorities identified by the public were implementing more protected bike lanes and creating a more connected and continuous bicycle network. Austin Drive is listed in *PlanBTV* as an important route to help work towards these goals.

## Public Engagement

This project falls under Involve: Traffic Regulation Change on the Spectrum of Engagement.

Tools of engagement used for this project:

- Mailings to residents and owners of properties adjacent to and within estimated area of effect
- Area-Councilor notification, Commission Chair/VC notification
- Project Meeting (Commission Meeting)

Public Engagement Plan Equity Impacts:

1. Who is positively impacted?
  - People bicycling eastbound and westbound from Home Ave to the Redrock Condos or from the Burlington Greenway (waterfront shared-use path) to the Champlain Parkway shared-use path would have improved biking infrastructure where none previously existed. Drivers and bicyclists would have designated lanes on a section of Austin Dr, making biking and driving safer.
2. Who may be negatively impacted and for how long?
  - Anecdotally, we have heard that no one parks on this part of Austin Drive, so we do not expect any negative impacts from restricting parking. All four homes on this stretch of Austin Drive from the Ledgewood driveway to the Redrock Condominium's driveway have access to off-street parking via private driveways.
3. What are the main concerns, issues, and interests of the community?
  - We have not heard any concerns from the residents in this area at the time of writing. We have heard from the biking community that bike lanes on this route would be helpful.
4. Will any individuals, institutions, or groups be disproportionately impacted?
  - There are no known groups that may be disproportionately impacted by this change.
5. Was the project recommended in earlier planning studies which included public engagement? Is additional public input needed or required?

- *PlanBTV WalkBike*, which included public engagement, does recommend a bikeway on Austin Drive.
  - Public engagement strategies required by this project type were conducted:
    - A mailing was sent on April 2<sup>nd</sup> to the four homes on the stretch of Austin Drive from Ledgewood driveway to Redrock Condominium's driveway, explaining the proposed parking restriction from the south side of Austin Dr, and asking for any concerns or questions to be directed to the Public Works Planning Team.
6. Are there any linguistic or cultural barriers to engaging with impacted residents?
- There are no known linguistic or cultural barriers within the project areas.

### Considerations

- The surrounding land use is a mix of industrial and residential, and the businesses and homes have ample off-street parking.

### Conclusion

Staff recommends that the Commission adopt the parking adjustment discussed in this memo. This change will allow for expansion of the network of bikeways in Burlington.

Letter Sent to Residents and Property Owners in Austin Dr Project Area

April 2, 2019

Dear Austin Drive Residents,

In April 2017, the City Council approved *PlanBTV Walk Bike*, Burlington's road map to improve walking and biking in Burlington. During the community outreach for *planBTV*, we consistently heard the need for a more connected and continuous bicycle network. Austin Drive has been identified as an important corridor connecting neighborhoods, Oakledge Park, and other bikeways in the South End. The proposal for new bike lanes on Austin Drive was shared in fall 2018. Since then, we have discovered that City parking regulations should be amended to accommodate these changes. We are letting you know that **the City is proposing to restrict on-street parking on the south side of Austin Drive, from the Ledgewood Circle driveway to the Redrocks Condos driveway.**

The new bike lanes would begin at Industrial Parkway and end just west of the Redrocks Condos driveway. From there, they will transition to shared lane markings to preserve parking by Oakledge Park.

Your feedback is important to us. We can be reached at [dpwplanning@burlingtonvt.gov](mailto:dpwplanning@burlingtonvt.gov) or 863-9094 x3. The proposal to restrict parking in this section will be presented to the Public Works Commission for approval at their meeting on April 16, 2019. Comments received by April 9<sup>th</sup> will be shared with the Commissioners in advance of their meeting. There will also be a public comment period at the Commission meeting, which begins at 6:30pm at 645 Pine St. For more information on the Public Works Commission and their agendas, visit <https://www.burlingtonvt.gov/DPW/Commission/Agendas>.

Sincerely,

Department of Public Works Planning Team:

Nicole Losch, Elizabeth Gohringer, and Kate Longfield

[dpwplanning@burlingtonvt.gov](mailto:dpwplanning@burlingtonvt.gov)

802-863-9094 x3

## Public Input Received

No public input received at time of writing.



April 10, 2019

**TO:** Public Works Commission

**FROM:** Elizabeth Gohringer, Associate Planner  
Nicole Losch, PTP, Senior Planner

**RE:** Consent Agenda Item: Flynn Ave Safer Biking Infrastructure Update

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### **Recommendations**

No action is requested at this time.

### **Introduction**

DPW staff have been conducting outreach to various stakeholders regarding the potential implementation of an east/west bike route on Flynn Ave. PlanBTV Walk Bike recommends Flynn Ave as a biking route in the South End to connect Oakledge Park, the waterfront, Pine St, and Shelburne St.

### **Considerations**

DPW staff are considering a number of street improvements to strengthen the connections identified in planBTV Walk Bike and coordinate with water rehabilitation and repaving in 2019. Plans are still being developed, but may include:

- Parking removal between Pine St and Shelburne St to accommodate bike lane(s)
- Between Pine St and Foster St: formalizing parking adjacent to the sidewalk on the north side, improving sidewalks on the north side, adding curbing on the north side, and adding bike lane(s)
- Between Foster Street and Briggs St: parking removal to accommodate bike lane(s)

Staff are also evaluating the addition of crosswalks at Foster St and Richardson St.

### **Public Engagement and What We've Heard**

DPW staff are conducting outreach to several stakeholders regarding these changes, including

- Direct engagement with City Market, Redstone Apartments, St. Anthony Catholic Church, and the Howard Center to better understand how these plans would impact their operations.

- A letter was also sent to residents and property owners along Flynn Avenue and a Front Porch Forum post was sent out to the neighborhood.
- DPW staff attended the March 21<sup>st</sup> Ward 5 NPA meeting to hear local residents' feedback on the proposed changes.

Thus far, feedback received by email from residents is split between those who support parking removal for the addition of bike lanes and those who wish to see the parking remain. Many residents at the NPA meeting wished to see complete on-street parking removal between Pine St and Shelburne St, in order to accommodate bike lanes on both sides of the street. The Walk Bike Council also supports this course of action.

In addition, we will be collecting on-street parking counts in the project area to understand parking utilization. This will help us understand the impacts of any potential parking removal that may be recommended.

### **Next Steps**

Staff had previously been planning to recommend a decision to the Public Works Commission at the April 2019 meeting. However, after receiving additional feedback from the public, feedback received from the Walk Bike Council and Ward 5 NPA, and ongoing outreach efforts and data collection, staff decided to postpone a decision until the May 15<sup>th</sup> Public Works Commission meeting, allowing us time to fully evaluate the feedback and data we are collecting.



April 10, 2019

**TO:** Public Works Commission

**FROM:** Elizabeth Gohringer, Associate Planner  
Nicole Losch, PTP, Senior Planner

**RE:** Consent Agenda Item: Colchester Ave Safety & Parking Evaluation Update

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**Recommendations**

No action is requested at this time.

**Introduction**

DPW staff have been evaluating safety concerns regarding Colchester Ave between East Ave and the Greenmount Cemetery. We are currently conducting extensive outreach to determine if any regulatory changes are necessary. Please see the attached letter we have shared with the community about this issue and inviting them to a public meeting. Based on this meeting, other outreach and data collection, we expect to bring any changes to the May Commission meeting.



**City of Burlington**  
Department of Public Works

Technical Services Engineering Division  
645 Pine Street, Suite A  
Burlington, VT 05402  
P 802-863-9094 / F 802-863-0466 / TTY 802-863-0450  
[www.burlingtonvt.gov/DPW](http://www.burlingtonvt.gov/DPW)

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April 9, 2019

Dear Colchester Ave Residents, Business Owners, and Property Owners:

Colchester Avenue is a popular corridor frequented by residents, students, emergency vehicles, UVM and Green Mountain Transit buses, and commuters to and from Winooski. Since Colchester Avenue is a busy corridor year-round, it is important that the street has an adequate travel lane width for all those who use it.

Travel lanes on Colchester Ave between East Ave and Greenmount Cemetery are currently about 9 ft wide, well below our standard of 11 ft on corridors of this type. Public Works has heard from residents whose cars have been damaged while parking on this stretch of Colchester Ave. We believe the narrow travel lanes are contributing to these incidents.

Public Works has identified this section of Colchester Ave to be a constrained roadway and we are gathering data to understand the safety implications of this condition. Colchester Avenue is a priority corridor for Burlington because:

- It is a main emergency services route
- It is a main route for City and University buses
- Residents' parked cars have been damaged along the route

Public Works values all road users and works hard to create an equitable, balanced transportation network. We also strive to include a wide range of voices and perspectives in all our decisions, especially from residents, business owners, and property owners that are directly impacted by local infrastructure changes.

We would like to hear from you. There are a number of ways to share your feedback:

- **Please join us at a Neighborhood Meeting on April 23<sup>rd</sup> at 6pm in the UVM Medical Center's McClure Lobby Conference Room to discuss and identify options to solve this problem. Free parking will be available in the McClure Garage, across from the McClure entrance.**
- This project will be first introduced at the April 16<sup>th</sup> Public Works Commission meeting. There will be a brief public comment period at the beginning of the meeting. Based on the feedback we receive and data gathered, DPW staff will return to the May 15<sup>th</sup> Public Works Commission meeting to make a recommendation and seek a decision. The public will also have a chance to speak at that time. Public Works Commission meetings begin

at 6:30pm and are held at the Department of Public Works, 645 Pine St. Agendas are posted here in advance of the meetings: [www.burlingtonvt.gov/DPW/Commission/Agendas](http://www.burlingtonvt.gov/DPW/Commission/Agendas). Public feedback received by noon on May 8<sup>th</sup> will be shared with the Commission in advance of the May 15<sup>th</sup> Commission meeting. Feedback received after that time will be made available to Commissioners at the meeting.

- **Direct feedback can be shared anytime with [dpwplanning@burlingtonvt.gov](mailto:dpwplanning@burlingtonvt.gov) or 863-9094 x3.**

We look forward to hearing from you.

Sincerely,

The Public Works Planning Team: Nicole Losch, Elizabeth Gohringer, and Kate Longfield  
[dpwplanning@burlingtonvt.gov](mailto:dpwplanning@burlingtonvt.gov)  
863-9094 x3



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# Memo

*Date:* April 11, 2019  
*To:* Public Works Commission  
*From:* Phillip Peterson, Associate Engineer *DMP 4/11/19*  
*CC:* Susan Molzon P.E., Senior Public Works Engineer  
*Subject:* 15 Minute Parking at Champlain Elementary

---

**Staff recommends the DPW Commission adopt:  
9 Fifteen-minute parking.**

*No person shall park any vehicle, at any time, longer than fifteen (15) minutes at the following locations:*

- On the east side of Pine Street in the spaces in front of Champlain School, to be effective Monday through Friday between the hours of 7:00 am to 9:00 am and 1:30 pm to 4:00 pm, holidays excepted.

**Purpose & Need:**

The purpose of the recommended traffic regulation amendments is to better regulate the 15-minute parking in front of Champlain School. This traffic regulation amendment will clarify parking regulations in front of the school while balancing the need to accommodate northbound bicycling traffic on Pine Street.

**Project Checklist:**

	N/A	Yes	No	Reference
Aligns with MUTCD standards and/or established City Policy?	X			
Aligns with City plans?	X			
Followed Public Engagement Plan?		X		These Traffic Regulation changes are defined as an INVOLVE project in the Public Engagement Plan (PEP).

**Summary and Conclusion:**

Staff received a request (see Attachment-1) from Burlington School District (BSD) staff to analyze time restricted parking next to BSD facilities. The existing conditions have 15-minute parking in front of the school. Due to the existing northbound bicycle lane Staff have concluded that the 15-minute parking adjacent to Champlain School needs time restriction regulations. Consequently, Staff recommends the Commission approves 15-minute Parking (see Attachment-2) on the east side of Pine Street in the spaces in front of Champlain School, to be effective Monday through Friday between the hours of 7:00 am to 9:00 am and 1:30 pm to 4:00 pm, holidays excepted.

**Public Engagement:**

In preparation for the 04/16/19 DPW Commission Meeting, Staff placed flyers at each property along the block adjacent to Champlain School. Staff received one (1) phone call (see Attachment-3). Both emails support Staff recommendations.

**Attachments:**

1. Initial request.
  2. Site map.
  3. Public correspondence.
-

Hi Phillip,

Thanks for your help with the parking regulations near schools. Confirming our earlier conversation and getting this into an email for you:

Marty Spaulding verified that all properties, except the high school, have early dismissal at 1:45 on Wednesdays. In our last meeting, Marty and I thought it would be helpful to have consistent time-restricted parking regulations for 7-9am and 1:30-4pm at all of the schools (except BHS) that have current parking restrictions.

I've copied Marty here so he's aware that we're following up on the issue of inconsistent times for afternoon pick-ups. Marty, if you see any problems with this approach please let us know.

Thank you.

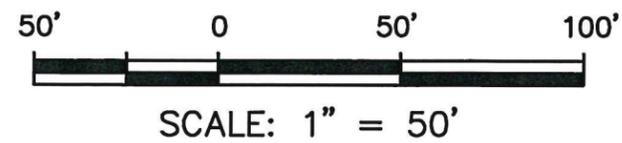
Nicole Losch, PTP, Senior Planner



Pine Street

Champlain Elementary School

PROPOSED  
FIFTEEN-MINUTE PARKING  
TO BE EFFECTIVE MONDAY  
THROUGH FRIDAY  
BETWEEN THE HOURS OF  
7:00 AM TO 9:00 AM AND  
1:30 PM TO 4:00 PM,  
HOLIDAYS EXCEPTED.



15 MINUTE PARKING AT  
CHAMPLAIN ELEMENTARY



**BURLINGTON  
PUBLIC WORKS  
ENGINEERING DIV.**

645 PINE STREET  
BURLINGTON, VT 05401  
(802) 863-3084  
(802) 863-0466 (Fax)

DESIGNED PWP	SCF NO. N.A.
DRAWN PWP	SCALE 1"=50'
CHECKED SM	DRAWING NO.
DATE 04/08/19	SHEET 1 OF 1

# Public input correspondence emails

# Public input correspondence phone calls

Thu 4/11/2019

Associate Engineer Phillip Peterson received a phone call from Dorinne Dorfman, Principal at Champlain Elementary School. Ms. Dorfman is in favor of the proposed time limits to the 15-minute parking spaces. Additionally, Ms. Dorfman would like Staff to place additionally parking restrictions during bus drop off and pick up; Mr. Peterson notified Ms. Dorfman it was too late to get the material together for the April Commission meeting, however the issue may make it to the May Commission meeting.



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**Memorandum**

To: Public Works Commission

From: Madeline Suender, Associate Public Works Engineer

Cc: Chapin Spencer, Director of Public Works  
Norm Baldwin P.E., City Engineer  
Susan Molzon P.E., Senior Public Works Engineer  
Phillip Peterson, Associate Public Works Engineer

Date: April 16, 2019

Subject: Burlington Crosswalk Design Guide

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**Purpose and Need:**

Improving pedestrian safety is a priority for the Department of Public Works. The Technical Services Division is tasked with analyzing and evaluating pedestrian safety concerns raised by residents, businesses and City staff. Most of these concerns are managed through our Traffic Requests program, and may result in the installation of a new crosswalk, or enhancements to existing crosswalks. Research has shown in some cases marked crosswalks, and their accompanying treatments, can be a hazard to pedestrian safety when installed without merit. <sup>(1)(2)</sup> In an effort to better identify where and what pedestrian crossing treatments should be safely installed, a data driven process was adopted by the City of Burlington DPW Technical Services team. This process is a combination of standards and guidelines from the Vermont Agency of Transportation (VTrans), Manual on Uniform Traffic Control Devices (MUTCD), and Highway Capacity Manual (HCM). This guide was adopted from the National Cooperative Highway Research Program (NCHRP) 562 Report, *Improving Pedestrian Safety at Unsignalized Intersections*, which was intended for use by state, county, and city engineers, transit agencies, roadway designers, and urban planners, as well as consultants for these groups and agencies.

**Overview:**

This guide, specific to Burlington, will be used in addition to the VTrans guidelines which use speed, number of lanes and Annual Average Daily Traffic (AADT) to determine crosswalk treatments. In analyzing existing traffic conditions and pedestrian activity in Burlington, staff has determined that the VTrans guidelines do not adequately address the needs of pedestrians in Burlington's urban environment in every instance. Many of VTrans' guidelines address roadways with speeds greater than 30 MPH and higher AADT than what is experienced on many pedestrian routes throughout the City.

To supplement the VTrans guidelines, DPW staff will apply a procedure, modified from NCHRP Report 562, which uses peak hour volumes of both pedestrians and vehicles in accordance with the MUTCD and

HCM. Instead of number of lanes, crossing distance is considered in this process to fully encompass bike lanes, parking, and lane width specific to each location. Pedestrian and vehicle speed is also considered.

**Conclusion:**

The intent is to use both the VTrans guidelines and the modified NCHRP procedures to evaluate multiple factors which impact the safety and effectiveness of crosswalks and crosswalk treatments in Burlington's urban environment. When evaluating the merit of marked crosswalks and crosswalk enhancements, DPW staff will take into consideration the results of these evaluations, field conditions and any unique circumstances which make crossing unduly hazardous.

**References:**

(1) FHWA – HRT – 04 – 100: *Safety Effects of Marked vs Unmarked crosswalks at Uncontrolled Locations: Final Report and Recommendation Guidelines*. Charles V. Zegeer, J. Richard Stewart, Herman H. Huang, Peter A. Lagerwey, John Feaganes, and B.J. Campbell. University of North Carolina. 2005. Available online at <https://www.fhwa.dot.gov/publications/research/safety/04100/04100.pdf>

(2) *TCRP Report 112/NCHRP Report 562: Improving Pedestrian Safety at Unsignalized Crossings*. Transit Cooperative Research Program (TCRP), National Cooperative Highway Research Program (NCHRP), Transportation Research Board (TRB), Washington, D.C., 2006. Available online at <https://nacto.org/wp-content/uploads/2010/08/NCHRP-562-Improving-Pedestrian-Safety-at-Unsignalized-Crossings.pdf>



# Narrow Streets Implementation & Update

CITY OF BURLINGTON, BURLINGTON FIRE DEPARTMENT (BFD)

CITY OF BURLINGTON, DEPARTMENT OF PUBLIC WORKS (DPW)

# Purpose & Background

- A. To balance community needs, BFD Emergency Services needs, and DPW Maintenance needs for sufficient mobility and access to narrow streets.
- B. Narrow Streets Policy drafted in January 2018
  1. Collaboration with BFD Emergency Services and DPW Winter Maintenance Team
  2. Presented to DPW Commission , January 17 2018
  3. Approved, March 8 2018
- C. Narrow Streets Recommendations Fall 2018
  1. Restrict Parking to one-side on Germain, Latham, and Hoover from December 1 to April 1
  2. Continue data collection efforts

# Narrow Streets Criteria

1. 28 feet wide or less
2. 116 Narrow Streets in the City of Burlington
  - A. 95 of the 116 Narrow Streets have existing parking restrictions
  - B. BFD Emergency Services and DPW Winter Maintenance have determined 14 feet of effective travel width is the desired minimum width
    - a) 19 Narrow Streets currently have less than 14 feet of effective travel width with no existing restrictions

# City Approach

1. Acknowledge challenge of balancing needs
2. Incremental approach allows us to learn and adjust as we move forward
3. We have addressed the most constrained narrow streets first
4. Winter data collection efforts

# Data Collection

1. All Narrow Streets for future efforts
2. Adjacent Streets to Germain and Hoover
  - A. Germain, Alfred, Pomeroy, Hoover, Perrotta, and Ludwig
  - B. No substantial statistical changes on adjacent streets

# Data Collection

Street Information	Previous Conditions	Current Conditions
Name	Occupancy Summer 2018	Occupancy Winter 2019
Germain St	69%	50%
Latham Ct	42%	56%
Alfred St	42%	25%
Charles St	48%	56%
Russell St	63%	63%
Pomeroy St	15%	22%
Gove Ct	9%	9%
Hoover St	22%	19%
Perrotta Pl	15%	10%
Ludwig Ct	37%	28%

# Charles Street & Russell Street – Winter Condition



# Charles Street & Russell Street – Winter Condition

## 1. See, Click, Fix

### Snow Plowing ▸ Archived

17 Russell St Burlington, VT, 05401, USA - [Show on Map](#)

---

**Issue ID:** 5319342  
**Submitted To:** Burlington, VT  
**Category:** Snow Plowing  
**Viewed:** 17 times  
**Neighborhood:** Burlington  
**Reported:** on 01/23/2019  
**Tagged:** snow

**REPORTER**  
**Hughes**  
Civic Points: 95



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#### DESCRIPTION

Russell Street is nearly impassable if folks are parked on both sides of the street. There's no way fire or ambulance could get down the street. Thank you.

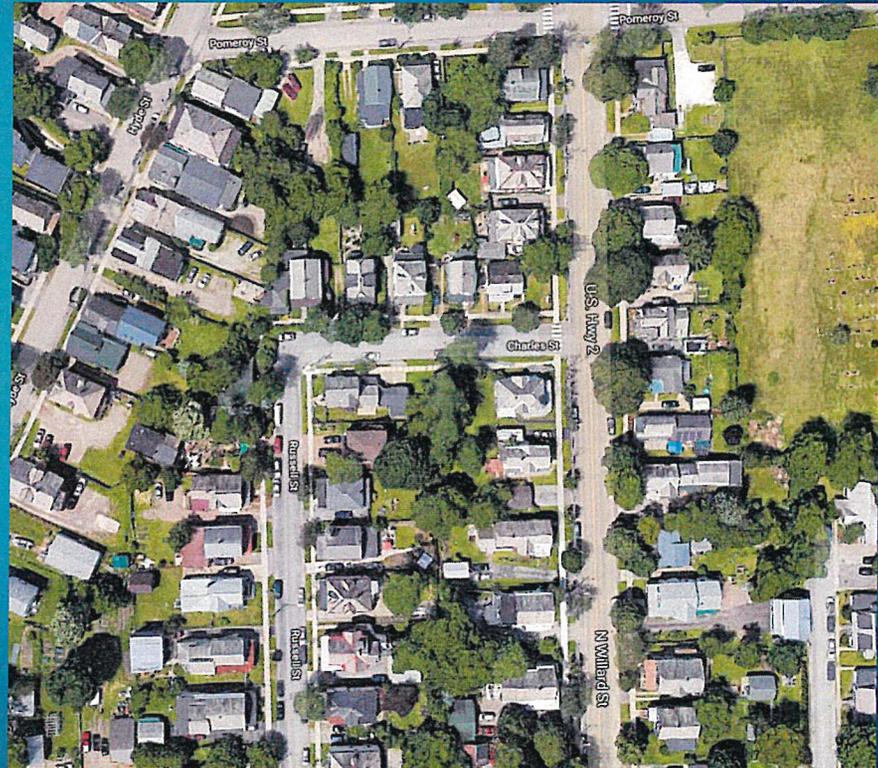
also asked..

Q. Is plowing required on the sidewalk, street or bikelane?  
A. street

# Charles Street - Statistics



- ▶ Location: Old North End
- ▶ One-way traffic (one lane)
- ▶ 26' wide
- ▶ Parking on both sides (16' total)
- ▶ Average occupancy rate: 48%



# Charles Street - Observation

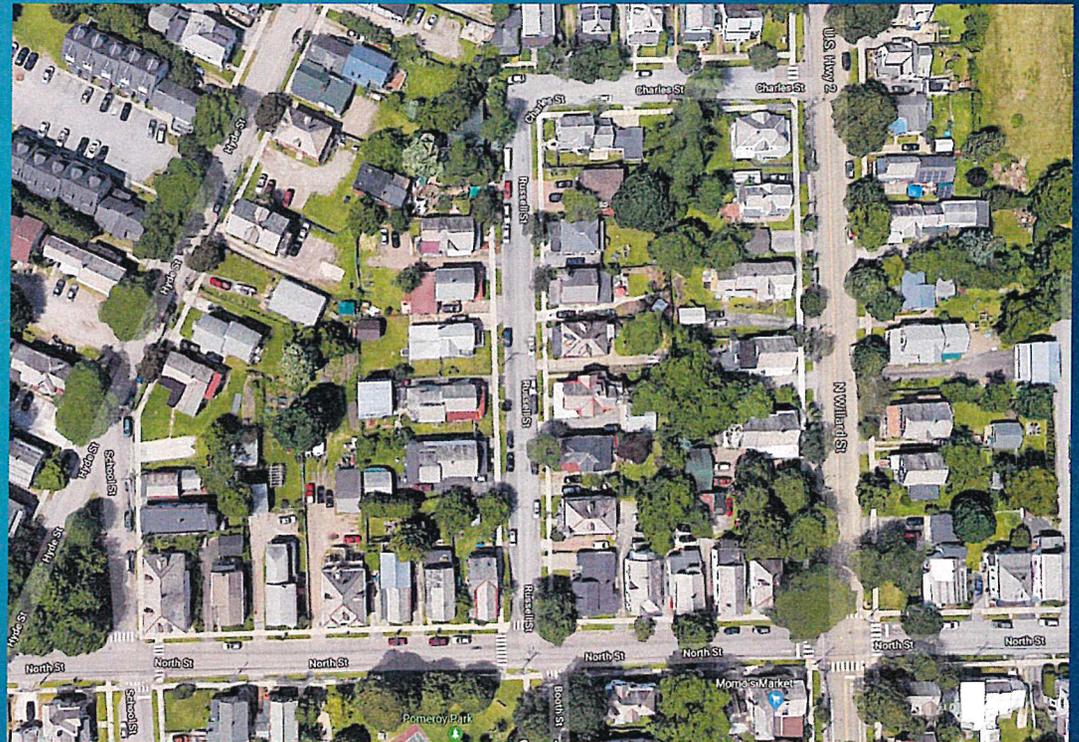
- ▶ 10' of existing roadway available for emergency vehicles during the winter
- ▶ Consideration: restrict parking on south side of street from December 1 to April 1 (left side in picture)



# Russell Street - Statistics



- ▶ Location: Old North End
- ▶ One-way traffic (one lane)
- ▶ 26' wide
- ▶ Parking on both sides (16' total)
- ▶ Average occupancy rate: 63%



# Russell Street - Observation

- ▶ 10' of existing roadway available for emergency vehicles during the winter
- ▶ Consideration: restrict parking on east side of street from December 1 to April 1 (left side in picture)



# Timeline Narrow Streets

1. March 2019: TEUC Narrow Streets Update on Winter Data Collection
2. April 2019: Commission Narrow Streets Update on Winter Data Collection
3. Spring 2019: Russel and Charles Neighborhood Meeting
4. Summer 2019: Data Collection and Evaluation on other Narrow Streets
5. Autumn 2019: Staff Recommendations to DPW Commission Prior to Winter 2020



Questions?

Contact:

Phillip Peterson, Associate Engineer

Desk: 802.865.5832

Email: [ppeterson@burlingtonvt.gov](mailto:ppeterson@burlingtonvt.gov)

Burlington Department of Public Works Commission Meeting  
Draft Minutes 3-20-19  
645 Pine Street – Main Conference Room

**Commissioners Present:** Commissioner Archambeau, Commissioner Barr, Commissioner Gillman, Commissioner Hogan, Commissioner O’Neill-Vivanco

**Commissioner Absent:** Commissioner Alberry

**Item 1 – Call to Order** – Commissioner Archambeau called the meeting to order at 6:30 p.m.

**Item 2 – Agenda** - Commissioner Archambeau requested to move the Proposed Car Share Space on North Street and the No Parking Zone near 40 George Street onto the deliberative agenda for more discussion.

Commissioner Barr made a motion to accept the one Agenda item and to make the two items that were pulled off as 4.1 for Proposed Car Share Space on North Street and 4.2 for No Parking Zone near 40 George Street.

**Item 3 – Public Forum** (3 minute per person time limit)

Jackie Schultz attended the meeting and asked how many street sweepers the city owned and was informed by Director Spencer that we have 2 and borrow one for the week of Operation Clean Sweep. She stated the dirt in the gutter had weeds and grass growing out of the dirt and that the streets need to be swept three times during this time period of April to October. The silt that is in the roadway is due to the lack of curbs throughout the city.

Mrs. Schultz also asked about the flashing pedestrian lights on North Avenue as they were truly needed in this area.

**Item 4 – Consent Agenda**

**A. Residential Permit Parking for Corner Lots.**

Commissioner Barr made a motion to approve this item on the Consent Agenda.  
Commissioner Hogan seconded.  
Unanimous approval

**4.1 Proposed Car Share space on North Street**

Philip Peterson stated that this is the best possible location for this parking spot to be. The people who live in the area are receptive to it and the space meets the needs of the people. Commissioner Overby and Commissioner Barr stated that there is a need to reserve parking spaces for the Car Share Program.

Commissioner Archambeau stated that Departmental memos should be neutral and felt the language around the piece in the package was more favorable to one side.

Patrick Murphy from Car Share wanted to thank Public Works for the recommendation for the parking spot for the Car Share car on North Winooski Avenue.

Commissioner Barr made a motion to accept the staff's language for this item agenda.

Commissioner O'Neill seconded

Unanimous approval

#### **4.2 No parking zone near 40 George Street**

Philip Peterson stated that he was requested by the Burlington Fire Department to remove a parking space south of 40 George Street. When leaving the parking lot of 43 Elmwood Avenue fire trucks cannot make the turn coming out as the street is narrow a parked car makes it even harder to leave. Buses have similar trouble.

There is support from local residents to have this parking spot removed. We are recommending that the one parking spot be removed.

Commissioner Barr made a motion to accept staff's recommendation

Commissioner Hogan seconded.

Unanimous approval.

#### **Item 5 Remove Parking meters at parklet locations.**

There is a request to remove the parking meters for the seasonal parklet locations in the downtown area of Burlington from approximately May 1, 2019 through October 1, 2019. Some areas may only require parking meter removal for a shorter duration depending on when the company is ready to start their parklet up. The selection committee has selected four out of five applicants for our trial period of having parklets. We have letters of support from neighboring businesses. We will do an evaluation and follow up on the pilot programs and have surveys done by the participants at the end of the season.

Commissioner Barr supports the pilot program but would like to have them pay for the spaces in the future after this pilot program.

Encumbrance permits will have to be secured by the parties who hold the contracts for the parklets. They are also responsible for cleaning their spaces after the hours of operation. The spots will be open later at night and early morning hours for access if needed by public.

Commissioner Gillman made a motion to accept staff's recommendation and language.

Commissioner Barr seconded.

Unanimous approval.

## **Item 6 – Water Resources Organizational Assessment**

Assistant Director Megan Moir gave a power point presentation offering information about the Water Resources Department, including operational challenges and staffing resources. There are three separate utilities which she oversees: Water, Wastewater and Stormwater Management.

Assistant Director Moir also went over capital projects: which includes continuing to reline waterlines and working on the wastewater stations to modernize them.

There was a question about what the water role is with new businesses and the capacity for wastewater and Ms. Moir stated that they company now needs a capacity letter from the Water Department.

Commissioner O’Neill-Vivanco asked about the public relations plan and Robert Goulding, Public Information Manager for DPW, stated that they have an aggressive plan to reach out to the community to include a front porch forum update, open houses, and other efforts

Commissioner Barr made a motion to support the plan and increase staffing levels.  
Commissioner O’Neill second  
Unanimous Approval.

## **Item 7– Approval of Draft Minutes February 20, 2019**

Commissioner Barr made a motion to accept the February minutes  
Commissioner Hogan seconded  
Unanimous approval

## **Item 8 – Director’s Report**

Water Resources front, thank you for letting us present to you tonight  
Proposed expansion of bike and scooter share  
34 Traffic requests in que  
Reports of potholes  
Rob Green is retiring after 30 years, will be leaving the end of April

## **Item 9 – Commissioner Communications**

Commissioner Hogan stated Director Spencer stated he is open to have some staff at the Commission and some at the Mayor’s event or we can change our meeting date, if possible.  
Commissioner Hogan also stated that Flynn Avenue falls short of recommendations, and thanks Mr. Green for his service with the city. From 4:30-6:00 there are scooter demonstrations on Thursday the 21<sup>st</sup>.

Commissioner Overby made a comment about the potholes on Archibald Street getting worse. A gentleman who is 72 and uses Car Share is glad that there is a Car Share spot closer to him.

The matted material that is put down when people get their lawn fixed after lawn damage and it is not removed in a timely manner gets blown all around. Who takes care of this matting after the grass has grown back in place. When would be a good time to clean up? Commissioner Gillman asked about the potholes around speed bumps the damage is awful.

Commissioner O'Neill asked where are the e scooters going to be used.

Commissioner Barr stated there is good data gathered from Gotch Share data

E bikes concerns need to have a good policy in place

Sidewalks on East Avenue have huge gaps and panels missing

**Item 10 – Adjournment and next meeting date:**

Next meeting is 4/17/19 but there was be discussions over e-mails for a date change or not.

Commissioner O'Neill made a motion to adjourn

Commissioner Barr seconded

Unanimous approval

Meeting adjourned at 8:55 p.m.



**CITY OF BURLINGTON  
DEPARTMENT OF PUBLIC WORKS**

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To: DPW Commissioners  
Fr: Chapin Spencer, Director  
Re: **DPW Director's Report**  
Date: April 11, 2019

**REMINDER OF SPECIAL MEETING DATE:**

This month's meeting will be on Tuesday, April 16 – not the usual third Wednesday of the month.

**WATER RESOURCES UPDATES:**

Thank you to the Commission for your support last month of our proposed Water Resources re-organization – based on the recommendations from Raftelis' organizational assessment. We presented the report and our specific recommendations to the City Council on April 8<sup>th</sup> at a special work session. The materials can be viewed on Board Docs here: <http://www.boarddocs.com/vt/burlingtonvt/Board.nsf/goto?open&id=BAWKTV4EA5B1>. We will be going to the Board of Finance and the City Council on 4/15 to get approval on the specific Phase I recommendations. The materials will be on Board Docs this week. Please contact Assistant Director – Water Resources Megan Moir ([mmoir@burlingtonvt.gov](mailto:mmoir@burlingtonvt.gov)) or me for more information.

**BIKE & SCOOTER SHARE:**

Building on last year's bike share program, the City and partners (South Burlington, Winooski, UVM, Champlain College, CATMA and the CCRPC) are planning expanded shared mobility program in 2019. Based on the public input received in February and March regarding an e-bike share and e-scooter share system, we have revised our proposal for 2019 to initially advance an e-bike share and to address the regulatory issues around e-scooters before launching a e-scooter pilot hopefully later this fall. We are soliciting additional public comment in April prior executing any contract with a service provider. More information is at: <https://www.burlingtonvt.gov/DPW/Transportation/ETransportation>.

**2019 CONSTRUCTION SEASON:**

We are gearing up for another big construction season. We have now procured construction contractors for our water main, paving, sidewalk work and we are preparing an update for the Commission at the April meeting. Our preliminary list of 2019 construction projects is up on the refreshed Construction Portal: <https://www.burlingtonvt.gov/DPW/Reinvestment>.

**TRAFFIC REQUESTS:**

As of 04/03/19, we have 31 traffic requests in queue. This is down slightly from the 34 requests in queue last month. Many of the outstanding requests are related to crosswalks and staff will be bringing forward proposed crosswalk guidelines to the Commission in April. These guidelines will help us more efficiently address these outstanding traffic requests.

**2019 PAVING ADDITIONS:**

As reported last month, our roads had another tough winter with many freeze/thaw cycles. DPW’s Technical Services’ team working diligently this spring to assess the deterioration and to modify our paving approach. Our team is seeking Council approval on 4/15 for the following scope of work:

<b>CY2019 Paving Reconstruction Program</b>	<b>CY2019 Winter Deterioration Patch List</b>
<p><u>Reclaimed Streets:</u></p> <ul style="list-style-type: none"><li>· Charlotte St (Catherine – Locust)</li><li>· Curtis Ave</li><li>· Latham Ct</li><li>· Maple St (St. Paul – S. Prospect)</li><li>· Pine St (Flynn – Home)</li></ul> <p><u>Mill and Fill Streets:</u></p> <ul style="list-style-type: none"><li>· Ethan Allen Parkway (North Ave – James Ave)</li><li>· Flynn Ave (Railroad – Shelburne Rd)</li></ul> <p><u>1” Overlay Street:</u></p> <ul style="list-style-type: none"><li>· Pine St (Lakeside – Flynn)</li></ul>	<ul style="list-style-type: none"><li>· Intervale Rd.</li><li>· Shore Rd.</li><li>· Archibald St.</li><li>· James Ave.</li><li>· South Prospect at College.</li><li>· South Prospect near Henderson.</li><li>· South Prospect at Overlake Condos.</li><li>· Deforest Rd.</li><li>· Sherman St.</li><li>· North St. (N. Winooski – N. Union)</li><li>· North St. (Russell – N. Willard)</li><li>· Pine St. (Maple – Kilburn)</li><li>· Lake St.</li></ul>

**THANK YOU NED!**

After 32 years of super knowledgeable, reliable and friendly service as the City’s Building Inspector, Ned Holt has decided it is time to retire. Ned’s leadership in the Inspections Services Division has shaped our services helped ensure the safety of Burlington’s residential and commercial buildings over three decades. Ned has been dedicated to serving our customers – providing extra support to new applicants and building trusted relationships with the frequent applicants. Ned often stayed late to make sure the job got done. His retirement will be a large loss for our City – but likely a huge gain in miles on Ned’s motorcycle! Ned’s last day will be Friday, April 12.

**THANK YOU ROB!**

After 31 years of tireless and dedicated service to the City, Assistant Director Rob Green will be leaving the City of Burlington for a job closer to home. I tried my hardest to get Rob to reconsider, but he received an unsolicited offer from the City of St Albans that he could not refuse. This is great for Rob, but a true loss for the City of Burlington. Rob provided indispensable support to me – always working behind the scenes to ensure we were ready for the next storm – and willing to solve any problem I needed him to address. He brought a lot of levity to our department. He would never miss an opportunity to razz someone or call himself “the big dummy” when he didn’t feel he did something quite right. Rob’s last day will be Friday, April 26.

Feel free to reach out with any questions prior to Tuesday’s Commission meeting. Thank you.



City of Burlington  
Department of Public Works  
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## **Bike & Scooter Share Update – April 4, 2019**

The City of Burlington’s Comprehensive Plan, Transportation Plan and other policy documents call for increased transportation choice and an overall transportation system that is greener and more equitable. E-bikes and e-scooters are promising innovations that can provide additional options for residents and visitors while helping us achieve our municipal goals. These smaller vehicles may offer reduced vehicle trips, transportation electrification, linkages to our bus lines, and reduced costs for low-income residents. That said, any new transportation service or mode must be appropriately managed and regulated to maximize its benefits and minimize its impacts. We are working hard to take the time, care, and community input that it will require to get this right.

### **PUBLIC INPUT SUMMARY/WHAT WE’VE HEARD**

We hosted a public meeting and a discussion at our oversight Committee (TEUC) in February 2019 – and again in March 2019 - and requested additional public feedback through Front Porch Forum and social media.

- The public is generally receptive to an e-bike share and is more concerned about an e-scooter share
- Injuries and impacts to pedestrians are a significant concern, especially regarding scooters
- Take a thoughtful approach to ordinance changes, including speed limits, Greenway permissibility & shared use paths and confirm sidewalk prohibitions
- Parks Commission - supportive of e-bikes on Greenway (citing 80% supportive comments), 15 MPH recommend outside of waterfront and 10MPH inside of waterfront
- A commitment to enforcement
- Desire for flexible system with more hubs
- Concerns about the reliability of geofencing

### **REVISED APPROACH**

Based on public input and additional evaluation, we are advancing the following approach:

- Transition Burlington’s existing bike share system to an all electric-assist bike share system as soon as is possible. If a contract (thru CATMA) is signed with a vendor by the end of April and a regional MOU is established, we expect new system could be up and running by August.
- Working expeditiously with our State partners, the City Council and other municipal bodies to clarify and adjust regulations as needed to appropriately regulate electric scooters – with the goal of launching some still-to-be-defined short-term pilot this fall.
- Finalize agreements with adjacent municipalities and institutions and mobility vendor to ensure that these sharing systems are coordinated and regional.

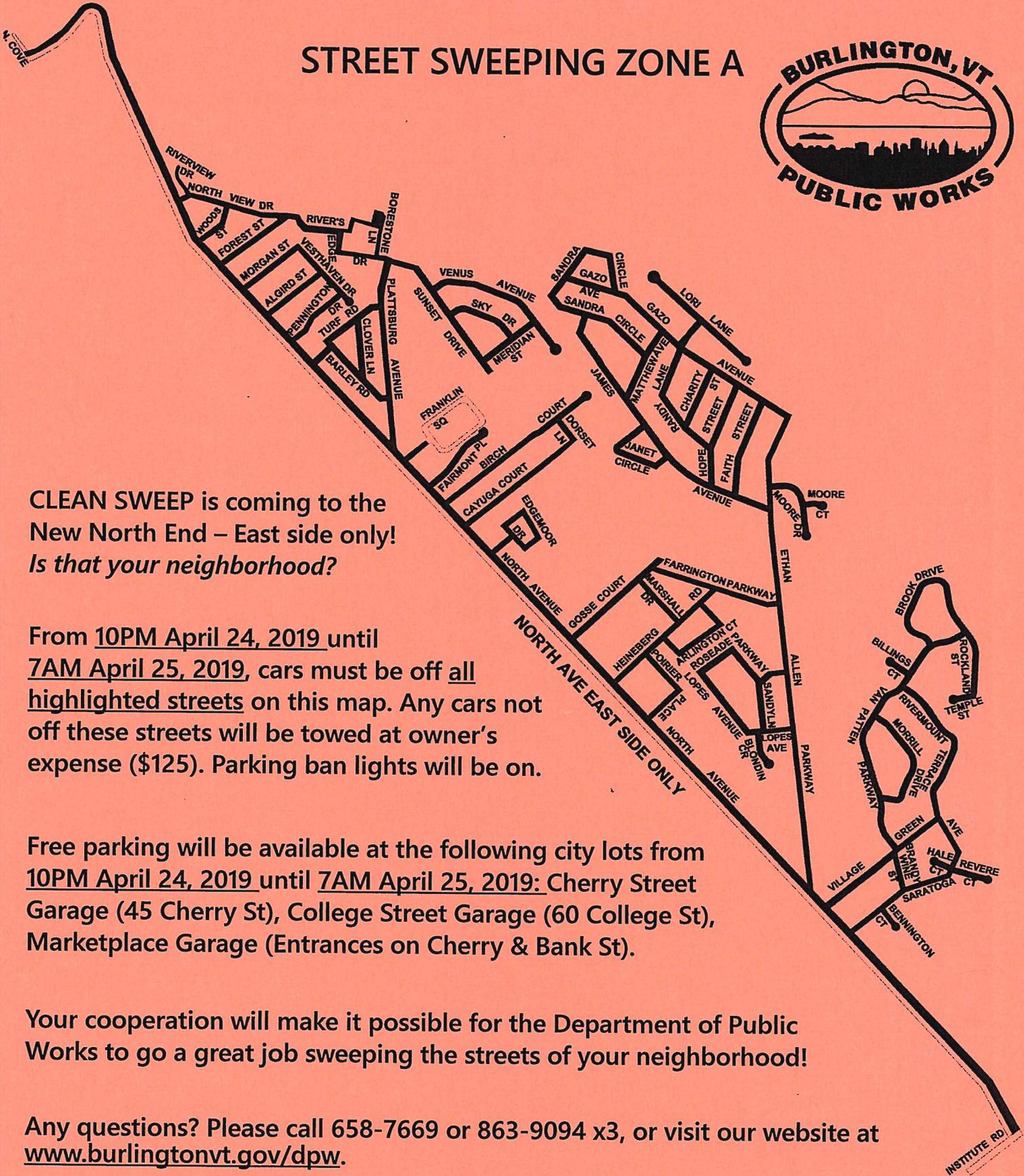
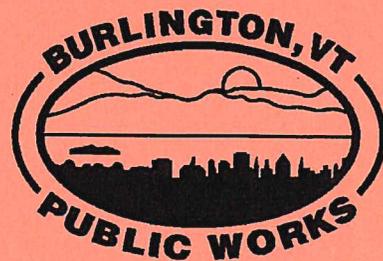
**PRIORITY INTERESTS**

- Dock and hub locations
- Fleet size
- Speed control technology and geofencing
- Transparent pricing structure, emphasizing short-term trips
- Data transparency

**TIMELINE**

- April NPA Meetings
- April - Scooter/Bike Share Study Concludes
- April 29 - Burlington City Council for MOU agreement
- May-July - Advance any local regulatory changes
- Mid-Late Summer - E-bike share launches
- Fall - Scooter pilot

# STREET SWEEPING ZONE A



**CLEAN SWEEP** is coming to the New North End – East side only!  
*Is that your neighborhood?*

From 10PM April 24, 2019 until 7AM April 25, 2019, cars must be off all highlighted streets on this map. Any cars not off these streets will be towed at owner's expense (\$125). Parking ban lights will be on.

Free parking will be available at the following city lots from 10PM April 24, 2019 until 7AM April 25, 2019: Cherry Street Garage (45 Cherry St), College Street Garage (60 College St), Marketplace Garage (Entrances on Cherry & Bank St).

Your cooperation will make it possible for the Department of Public Works to go a great job sweeping the streets of your neighborhood!

Any questions? Please call 658-7669 or 863-9094 x3, or visit our website at [www.burlingtonvt.gov/dpw](http://www.burlingtonvt.gov/dpw).

**\*ONLY STREETS THAT ARE HIGHLIGHTED WILL BE SWEEP\*** (See back for listings)

**\*EAST SIDE OF NORTH AVENUE ONLY – NOT BOTH SIDES\***

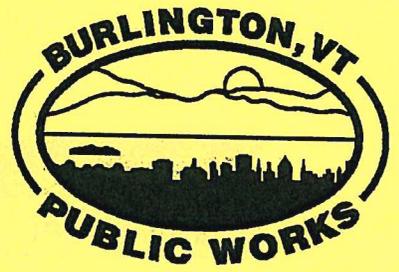
**\*PLEASE MOVE ALL BASKETBALL HOOPS OFF THE SIDE OF THE ROAD FOR SWEEPING\***

Street	From	To
Algird Street	North Avenue	Vesthaven Drive
Arlington Court	Heineberg Road	Heineberg Road
Barley Road	North Avenue	Plattsburg Avenue
Bennington Court	Saratoga Avenue	End of Street
Billings Court	Van Patten Parkway	End of Street
Birch Court	North Avenue	End of Street
Blondin Circle	Lopes Avenue	End of Street
Borestone Lane	River's Edge Drive	River's Edge Drive
Brandywine Street	Village Green	Saratoga Avenue
Brook Drive	Van Patten Parkway	Rockland Street
Cayuga Court	North Avenue	Dorset Lane
Charity Street	Randy Lane	Gazo Avenue
Clover Lane	Turf Road	Barley Road
Dorset Lane	Birch Court	Cayuga Court
Edgemoor Drive	North Avenue	End of Street
Ethan Allen Parkway	North Avenue	Gazo Avenue
Fairmont Place	North Avenue	End of Street
Faith Street	James Avenue	Gazo Avenue
Farrington Parkway	Gosse Court	Ethan Allen Parkway
Forest Street	North Avenue	North View Drive
Gazo Avenue	Sandra Circle	Ethan Allen Parkway
Gosse Court	North Avenue	Farrington Parkway
Hale Court	Saratoga Avenue	End of Street
Heineberg Road	North Avenue	Farrington Parkway
Hope Street	James Avenue	Gazo Avenue
James Avenue	Ethan Allen Parkway	Sandra Circle
Janet Circle	James Avenue	James Avenue
Lopes Avenue	Roseade Parkway	Ethan Allen Parkway
Lori Lane (Including Loop)	Entire Street	
Marshall Drive	Gosse Court	Heineberg Road
Meridian Street	Sunset Drive	Venus Avenue
Moore Court	Moore Drive	End of Street
Moore Drive	Ethan Allen Parkway	Moore Court
Morgan Street	North Avenue	Vesthaven Drive
Morill Drive	Van Patten Parkway	Van Patten Parkway
North Avenue (East Side Only)	North Cove Road	Institute Road
Northview Drive	North Avenue	River's Edge Drive
Pennington Drive	North Avenue	Vesthaven Drive
Plattsburg Avenue	North Avenue	Sunset Drive
Poirier Place	North Avenue	Heineberg Road
Randy Lane	Hope Street	Lori Lane
Red Maple Lane	North Avenue	Franklin Square
Revere Court	Saratoga Avenue	End of Street
Rivermount Terrace	Saratoga Avenue	Van Patten Parkway
River's Edge Drive	North View Drive	Plattsburg Avenue
Rockland Street	Van Patten Parkway	Temple Street
Roseade Parkway	Lopes Avenue	Sandy Lane
Sandra Circle	Gazo Avenue	Matthew Avenue
Sandy Lane	Lopes Avenue	Ethan Allen Parkway
Saratoga Avenue	North Avenue	Rivermount Terrace
Sky Drive	Sunset Drive	Meridian Street
Sunset Drive	Plattsburg Avenue	Meridian Street
Temple Street	Rockland Street	End of Street
Turf Road	Barley Road	Plattsburg Avenue
Valade Park	Sunset Drive	Valade Street
Valade Street	Entire Loop	
Van Patten Parkway	Village Green	Rockland Street
Venus Avenue	Sunset Drive	End of Street
Vesthaven Drive	Morgan Street	End of Street
Village Green	North Avenue	Saratoga Avenue
Woods Street	North Avenue	North View Drive

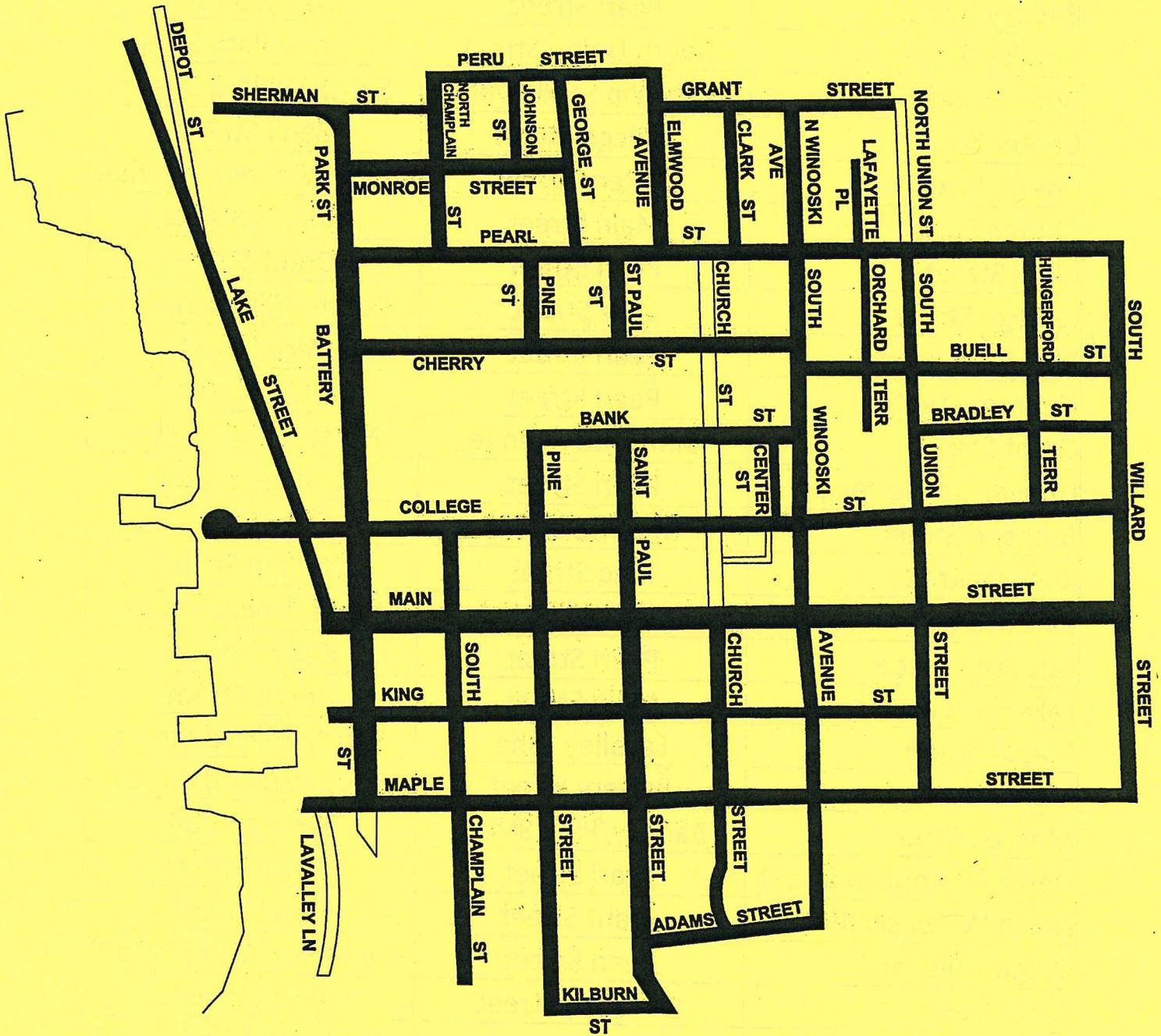


Street	From	To
Alexis Drive	Appletree Point Road	Stirling Place
Appletree Point Lane	Staniford Farms Road	End of Street
Appletree Point Road	Staniford Road	Nottingham Lane
Balsam Street	Shore Road	Brierwood Lane
Beachcrest Drive	Oakcrest Drive	End of Street
Birchwood Lane	Lakewood Parkway	Woodridge Drive
Brierwood Lane	Shore Road	Dale Road
Browe Court	North Avenue	End of Street
Cottage Grove	Loaldo Drive	Grey Meadow Drive
Crescent Beach Drive	Shore Road	Ridgewood Drive
Cross Parkway	North Avenue	End of Street
Cumberland Road (Including Loops)	Appletree Point Road	End of Street
Curtis Avenue	Starr Farm Road	Starr Farm Road
Dale Road	Brierwood Lane	End of Street
Derway Drive	North Avenue	Hardy Drive
Dewey Drive	North Avenue	Edson Street
Dodds Court (Including Loop)	North Avenue	Ivy Lane
Driftwood Lane	Beachcrest Drive	Street Corner
Edinburgh Drive	Cumberland Road	Muirfield Road
Fairfield Drive	North Avenue	End of Street
Fern Street	Ivy Lane	Brierwood Lane
Glenwood Lane	Shore Road	Wildwood Drive
Green Acres Drive	North Avenue	Cottage Grove
Grey Meadow Drive (Including Spur)	Cottage Grove	Starr Farm Road
Hardy Drive	Derway Drive	Westward Drive
Holly Lane	Shore Road	Wildwood Drive
Institute Road	Burlington High School	North Avenue
Ivy Lane	Dodds Court	Fern Street
Killarney Drive	North Avenue	End of Street
Lakewood Parkway	Beachcrest Drive	Woodridge Drive/North Avenue
Laurel Court	Shore Road	End of Street
Leddy Park Road (Including Loop)	North Avenue	End of Street
Leonard Street	North Avenue	End of Street
Little Eagle Bay	North Avenue	End of Street
Loaldo Drive	North Avenue	Green Acres Drive
Muirfield Road	Appletree Point Road	Nottingham Lane
North Avenue (West Side Only)	North Cove Road	Institute Road
Northgate Road (Including Loop)	North Avenue	End of Street
Nottingham Lane	Appletree Point Road	End of Street
Oakcrest Drive	Tallwood Lane	Beachcrest Drive
Oakland Terrace	Staniford Road	York Drive
Pleasant Avenue	Starr Farm Road	Starr Farm Road
Ridgewood Drive	Shore Road	Crescent Beach Drive
Shore Road	North Avenue	Crescent Beach Drive
Simms Street	North Avenue	End of Street
Stanbury Road	Staniford Road	Dale Road
Staniford Farms Road	Appletree Point Road	End of Street
Staniford Road	North Avenue	Appletree Point Road
Starr Farm Road	North Avenue	Curtis Avenue
Stirling Place	Shore Road	End of Street
Surf Road	Crescent Beach Drive	End of Street
Tallwood Lane	Lakewood Parkway	Woodridge Drive
Tracy Drive	North Avenue	Grey Meadow Drive
Vine Street	Shore Road	Brierwood Lane
West Road	North Avenue	End of Street
Western Avenue	Staniford Road	York Drive
Westminster Drive	Appletree Point Road	Nottingham Lane
Westward Drive	North Avenue	Northshore Drive
Wildwood Drive	Shore Road	Dale Road
Wing Street	Dewey Drive	Simms Street
Woodbury Road	North Avenue	Stanbury Road
Woodlawn Road	North Avenue	Stanbury Road
Woodridge Drive	Lakewood Parkway	Tallwood Lane
York Drive	Oakland Terrace	End of Street

# STREET SWEEPING ZONE F



CLEAN SWEEP is coming to the Downtown area! *Is that your neighborhood?*



From 12AM April 29, 2019 until 6AM April 29, 2019, cars must be off all highlighted streets on this map. Any cars not off these streets will be towed at owner's expense (\$125). Parking ban lights will be on.

Free parking will be available at the following city lots from 10PM April 28, 2019 until 8AM April 29, 2019: Cherry Street Garage (45 Cherry St), College Street Garage (60 College St), Marketplace Garage (Entrances on Cherry & Bank St).

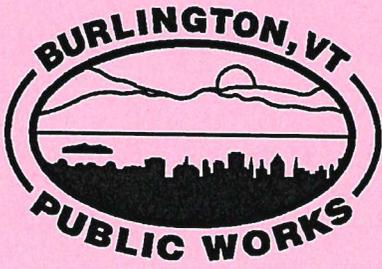
Your cooperation will make it possible for the Department of Public Works to go a great job sweeping the streets of your neighborhood!

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**\*ONLY STREETS THAT ARE HIGHLIGHTED WILL BE SWEEPED\*** (See back for listings)

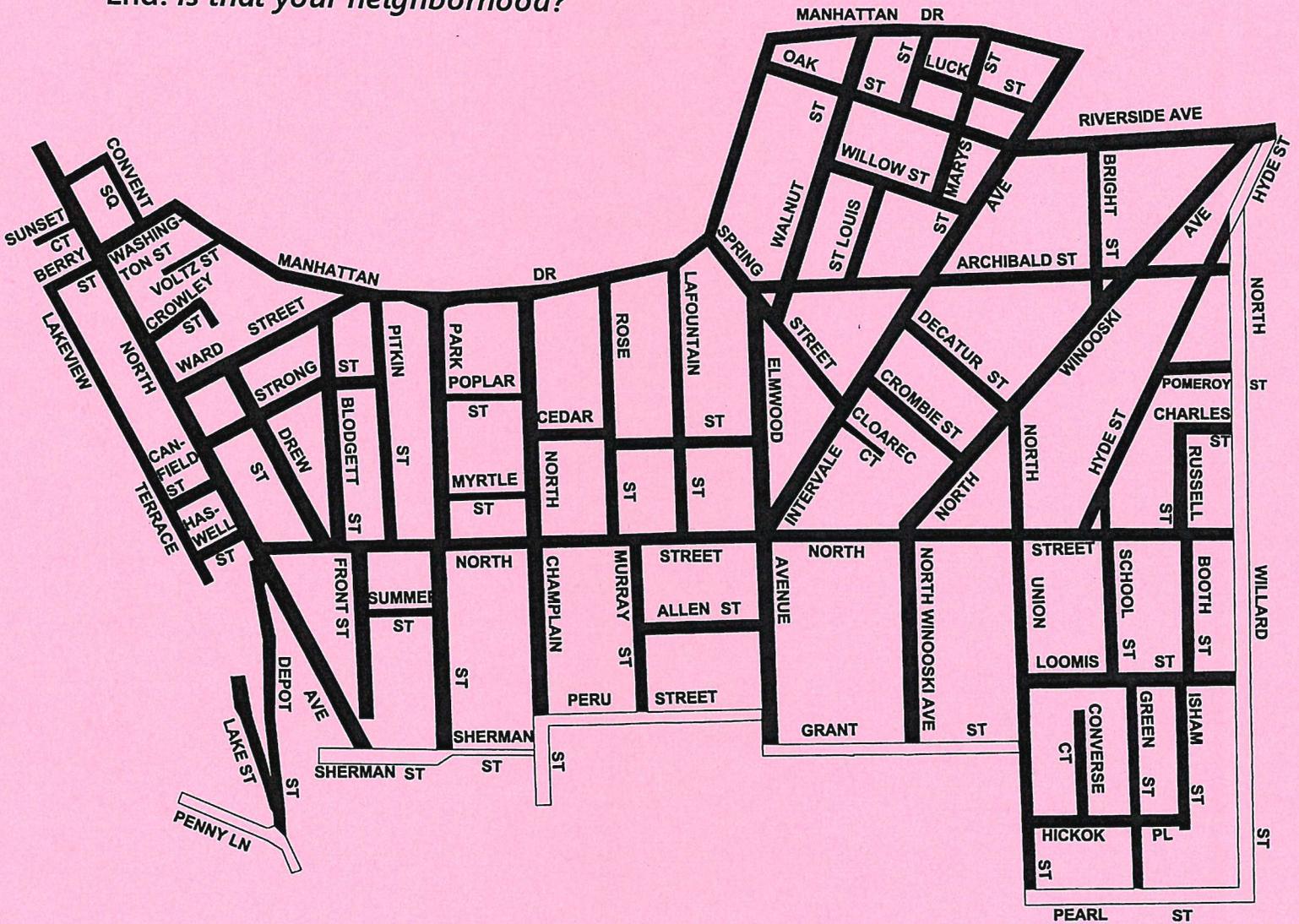
**\*PLEASE MOVE ALL BASKETBALL HOOPS OFF THE SIDE OF THE ROAD FOR SWEEPING\***

Street	From	To
Adams Street	St. Paul Street	South Winooski Avenue
Bank Street	Pine Street	South Winooski Avenue
Battery Street	Pearl Street	Maple Street
Bradley Street	South Union Street	South Willard Street
Buell Street	South Winooski Avenue	South Willard Street
Center Street	College Street	Bank Street
Cherry Street	Battery Street	South Winooski Avenue
Church Street	Main Street	Adams Street
Clark Street	Pearl Street	Grant Street
College Street	Lake Street	South Willard Street
Elmwood Avenue	Pearl Street	Peru Street
George Street	Pearl Street	Peru Street
Grant Street	Elmwood Avenue	North Union Street
Hungerford Terrace	Pearl Street	College Street
Johnson Street	Monroe Street	Peru Street
Kilburn Street	Pine Street	St. Paul Street
King Street	King Street Dock	South Union Street
Lafayette Place	Pearl Street	End of Street
Lake Street	Main Street	Depot Street
Maple Street	Lavalley Lane	South Willard Street
Main Street	Battery Street	South Willard Street
Monroe Street	Battery/Park Street	George Street
North Champlain Street	Pearl Street	Peru Street
North Winooski Avenue	Grant Street	Pearl Street
Orchard Terrace	Pearl Street	End of Street <b>(by Co-op)</b>
Park Street	Sherman Street	Pearl Street
Pearl Street	Battery Street	South Willard Street
Peru Street	Elmwood Avenue	North Champlain Street
Pine Street	Pearl Street	Cherry Street
Pine Street	Bank Street	Kilburn Street
Sherman Street	North Champlain Street	End of Street
South Champlain Street	College Street	End of Street
South Union Street	Pearl Street	Maple Street
South Willard Street <b>(BOTH SIDES)</b>	Pearl Street	Maple Street
South Winooski Avenue	Pearl Street	Adams Street
St. Paul Street	Pearl Street	Cherry Street
St. Paul Street	Bank Street	Adams Street



# STREET SWEEPING ZONE G

CLEAN SWEEP is coming to the Old North End! *Is that your neighborhood?*



From 10PM Monday April 29, 2019 until 7AM April 30, 2019, cars must be off all highlighted streets on this map. Any cars not off these streets will be towed at owner's expense (\$125). Parking ban lights will be on.

Free parking will be available at the following city lots from 10PM Monday April 29, 2019 until 8AM April 30, 2019: Cherry Street Garage (45 Cherry St), College Street Garage (60 College St), Marketplace Garage (Entrances on Cherry & Bank St).

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Street	From	To
Allen Street	Elmwood Avenue	Murray Street
Archibald Street	North Willard Street	Spring Street
Berry Street	North Avenue	Lakeview Terrace
Blodgett Street	Ward Street	North Street
Booth Street	North Street	Loomis Street
Bright Street	Riverside Avenue	Archibald Street
Canfield Street	North Avenue	Lakeview Terrace
Cedar Street	Elmwood Avenue	North Champlain Street
Charles Street	North Willard Street	Russell Street
Cloarec Court	Intervale Avenue	End of Street
Convent Square	North Avenue	Washington Street
Converse Court	Hickok Place	End of Street
Crombie Street	North Winooski Avenue	Intervale Avenue
Crowley Street	North Avenue	End of Street
Decatur Street	North Winooski Avenue	Intervale Avenue
Depot Street	Parking Lot	Lake Street
Drew Street	Ward Street	North Street
Elmwood Avenue	Spring Street	Grant Street
Front Street	North Street	End of Street
Green Street	Loomis Street	Pearl Street
Haswell Street	North Avenue	Lakeview Terrace
Hickok Place	North Union Street	Isham Street
Hyde Street	North Street	North Willard Street
Intervale Avenue	North Street	Manhattan Drive
Isham Street	Loomis Street	Hickok Place
Lafountain Street	Manhattan Drive	North Street
Lake Street	Depot Street	Stop Sign
Lakeview Terrace	Berry Street	Burlington College Parking Lot
Loomis Street	North Union Street	North Willard Street
Luck Street	Intervale Avenue	St Louis Street
Manhattan Drive	Washington Street	Intervale Avenue
Murray Street	North Street	Peru Street
Myrtle Street	North Champlain Street	Park Street
North Avenue	Sherman Street	Convent Square
North Champlain Street	Manhattan Drive	Peru Street
North Street	North Willard Street	North Avenue
North Union Street	Pearl Street	North Winooski Avenue
North Winooski Avenue	Riverside Avenue	Grant Street
Oak Street	Manhattan Drive	Intervale Avenue
Park Street	Manhattan Drive	Sherman Street
Pitkin Street	Manhattan Drive	North Street
Pomeroy Street	North Willard Street	Hyde Street
Poplar Street	North Champlain Street	Park Street
Riverside Avenue	Hyde Street	Intervale Avenue
Rose Street	Manhattan Drive	North Street
Russell Street	Charles Street	North Street
School Street	Loomis Street	Hyde Street
Spring Street	Intervale Avenue	Manhattan Drive
St Louis Street	Manhattan Drive	Oak Street
St Louis Street	Willow Street	Archibald Street
St Mary Street	Willow Street	Manhattan Drive
Strong Street	Pitkin Street	North Avenue
Summer Street	Front Street	Park Street
Sunset Court	North Avenue	End of Street
Voltz Street	Manhattan Drive	End of Street
Walnut Street	Manhattan Drive	Spring Street
Ward Street	Manhattan Drive	North Avenue
Washington Street	Manhattan Drive	North Avenue
Willow Street	Walnut Street	Intervale Avenue

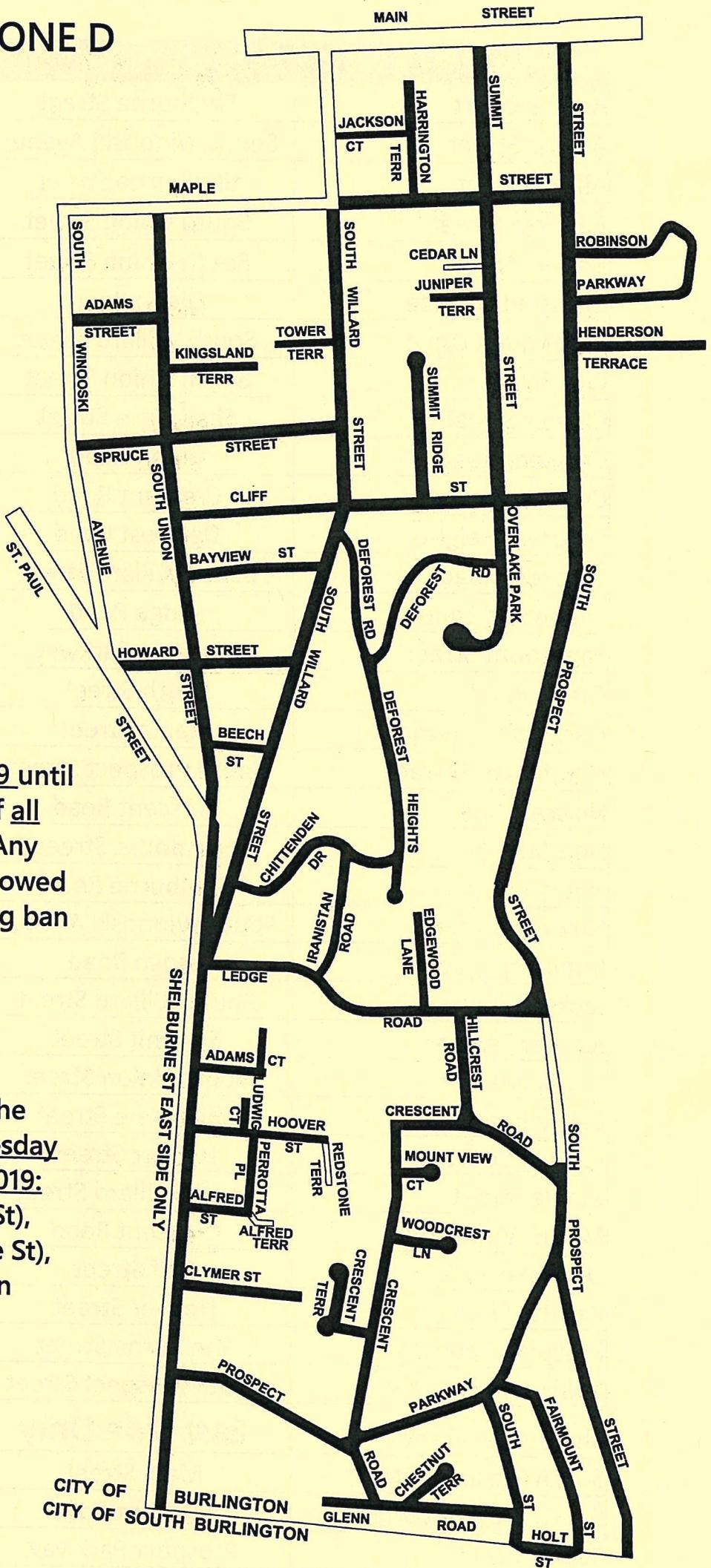
# STREET SWEEPING ZONE D



CLEAN SWEEP is coming to the Hill Section! *Is that your neighborhood?*

From 10PM Tuesday April 30, 2019 until 7AM May 1, 2019 cars must be off all highlighted streets on this map. Any cars not off these streets will be towed at owner's expense (\$125). Parking ban lights will be on.

Free parking will be available at the following city lots from 10PM Tuesday April 30, 2019 until 8AM May 1, 2019:  
 Cherry Street Garage (45 Cherry St),  
 College Street Garage (60 College St),  
 Marketplace Garage (Entrances on Cherry & Bank St).



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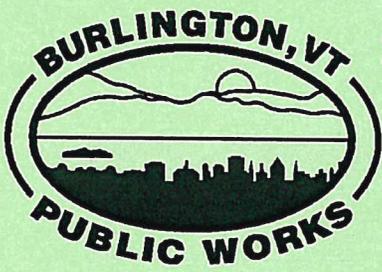
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- \*PLEASE MOVE ALL BASKETBALL HOOPS OFF THE SIDE OF THE ROAD FOR SWEEPING\*

Street	From	To
Adams Court	Shelburne Street	End of Street
Adams Street	South Winooski Avenue	South Union Street
Alfred Street	Shelburne Street	Perotta Place
Bayview Street	South Union Street	South Willard Street
Beech Street	South Union Street	South Willard Street
Chestnut Terrace	Glenn Road	End of Street
Chittenden Drive	South Willard Street	Deforest Heights
Cliff Street	South Union Street	South Prospect Street
Clymer Street	Shelburne Street	End of Street
Crescent Road	Glenn Road	South Prospect Street
Crescent Terrace	Crescent Road	End of Street
Deforest Heights	Deforest Road	End of Street
Deforest Road	South Willard Street	Overlake Park
Edgewood Lane	Ledge Road	End of Street
Fairmount Street	Prospect Parkway	Rice High School
Glenn Road	South Street	End of Street
Harrington Terrace	Maple Street	End of Street
Henderson Terrace	South Prospect Street	End of Street
Hillcrest Road	Crescent Road	Ledge Road
Holt Street	Fairmount Street	South Street
Hoover Street	Shelburne Road	Redstone Terrace
Howard Street	South Winooski Avenue	South Willard Street
Iranistan Road	Ledge Road	Chittenden Drive
Jackson Court	South Willard Street	Harrington Terrace
Juniper Terrace	Summit Street	End of Street
Kingsland Terrace	South Union Street	End of Street
Ledge Road	Shelburne Street	South Prospect Street
Ludwig Court	Hoover Street	End of Street
Maple Street	South Willard Street	South Prospect Street
Mount View Court	Crescent Road	End of Street
Overlake Park	Cliff Street	End of Street
Perotta Place	Hoover Street	Alfred Street
Prospect Parkway	Shelburne Street	South Prospect Street
Robinson Parkway	South Prospect Street	South Prospect Street
Shelburne Street	<b>East Side Only</b>	
South Prospect Street	Main Street	Ledge Road
South Prospect Street	Crescent Road	End of Street ( <b>by Rice</b> )
South Street	Prospect Parkway	Holt Street
South Union Street	Shelburne Street	Maple Street
South Willard Street	Shelburne Street	Maple Street
Spruce Street	South Winooski Avenue	South Willard Street
Summit Ridge	Cliff Street	End of Street
Summit Street	Main Street	Overlake Park
Tower Terrace	South Willard Street	End of Street
Woodcrest Lane	Crescent Road	End of Street



Street	From	To
Adsit Court	North Willard Street	End of Street
Archibald Street	North Willard Street	North Prospect Street
Barrett Street	Colchester Avenue	Chase Street
Bilodeau Court	East Avenue	End of Street
Bilodeau Parkway	Bilodeau Court	Bilodeau Court
Brookes Avenue	North Willard Street	North Prospect Street
Case Parkway	East Avenue	End of Street
Chase Street	Colchester Avenue	End of Street
Colchester Avenue	North/South Prospect	Winooski Bridge
College Street	South Willard Street	South Prospect Street
Colonial Square	North Prospect Street	North Prospect Street
East Avenue	Main Street	Colchester Avenue
Fletcher Place	Colchester Avenue	End of Street
Germain Street	Pomeroy Street	Archibald Street
Grove Street	Chase Street	City Line
Henry Street	North Willard Street	North Prospect Street
Highgrove Court	North Street	End of Street
Hildred Drive	Hillside Terrace	Hillside Terrace
Hillside Terrace	Riverside Avenue	Riverside Avenue
Hyde Street	North Willard Street	Riverside Avenue
Intervale Road	Riverside Avenue	End of Pavement
Latham Court	Colchester Avenue	End of Street
Loomis Street	North Willard Street	Mansfield Avenue
Main Street	South Willard Street	Jug Handle
Mansfield Avenue	Colchester Avenue	North Street
Mill Street	Colchester Avenue	Pump Station
Nash Place	Colchester Avenue	End of Street
North Prospect Street	Pearl Street	Riverside Avenue
North Street	North Willard Street	Mansfield Avenue
North Willard Street	Pearl Street	Hyde Street
North Williams Street	Pearl Street	Brookes Avenue
Pearl Street	South Willard Street	South Prospect Street
Pomeroy Street	North Willard Street	Colonial Square
Prospect Hill	North Prospect Street	End of Street
Riverside Avenue	Hyde Street	Winooski Bridge
South Prospect Street	Main Street	Pearl Street
South Williams Street	Main Street	Pearl Street
Thibault Parkway	Colchester Avenue	End of Street
University Place	Main Street	Colchester Avenue
University Terrace	Main Street	End of Street
Weston Street	Loomis Street	Henry Street
Wilson Street	North Prospect Street	Mansfield Avenue



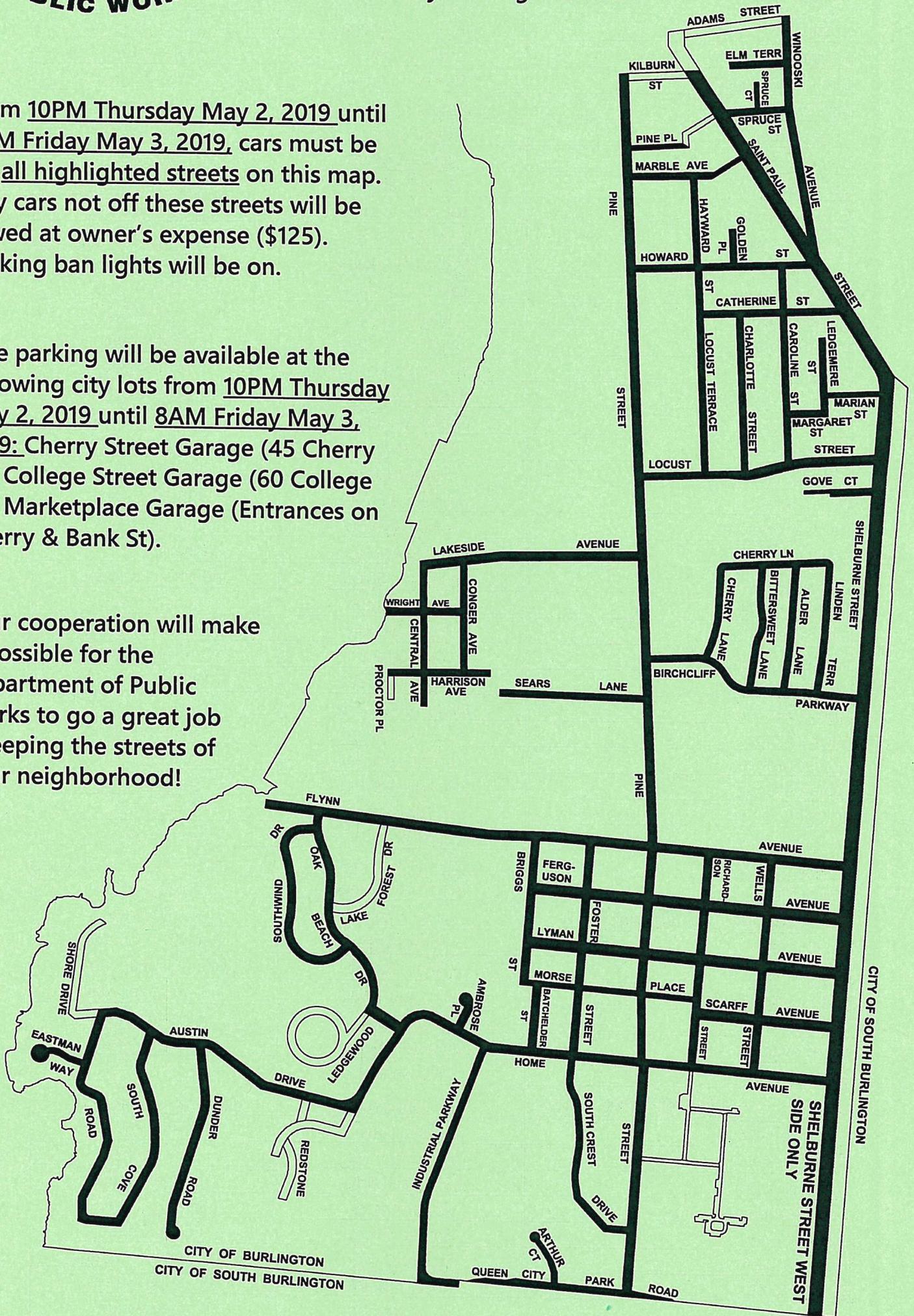
# STREET SWEEPING ZONE C

CLEAN SWEEP is coming to the South End!  
*Is that your neighborhood?*

From 10PM Thursday May 2, 2019 until 7AM Friday May 3, 2019, cars must be off all highlighted streets on this map. Any cars not off these streets will be towed at owner's expense (\$125). Parking ban lights will be on.

Free parking will be available at the following city lots from 10PM Thursday May 2, 2019 until 8AM Friday May 3, 2019: Cherry Street Garage (45 Cherry St), College Street Garage (60 College St), Marketplace Garage (Entrances on Cherry & Bank St).

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**\*PLEASE MOVE ALL BASKETBALL HOOPS OFF THE SIDE OF THE ROAD FOR SWEEPING\***

Street	From	To
Alder Lane	Birchcliff Parkway	Cherry Lane
Arthur Court	Queen City Park Road	End of Street
Austin Drive	Industrial Parkway	South Cove Drive
Batchelder Street	Morse Place	Home Avenue
Birchcliff Parkway	Shelburne Street	Pine Street
Bittersweet Lane	Birchcliff Parkway	Cherry Lane
Briggs Street	Flynn Avenue	Morse Place
Caroline Street	Howard Street	Locust Street
Catherine Street	St. Paul Street	Locust Terrace
Central Avenue	Lakeside Avenue	End of Street
Charlotte Street	Catherine Street	Locust Street
Cherry Lane	Birchcliff Parkway	Linden Terrace
Conger Avenue	Lakeside Avenue	Harrison Avenue
Dunder Road	Austin Drive	End of Street
Eastman Way	South Cove Road	End of Street
Elm Terrace	South Winooski Avenue	End of Street
Ferguson Avenue	Shelburne Street	Briggs Street
Flynn Avenue	Shelburne Street	Oakledge Park Gate
Foster Street	Flynn Avenue	Home Avenue
Golden Plave	Howard Street	End of Street
Gove Court	Shelburne Street	End of Street
Harrison Avenue	Proctor Avenue	End of Street
Hayward Street	Marble Avenue	Catherine Street
Home Avenue	Shelburne Street	Industrial Parkway
Howard Street	St. Paul Street	Pine Street
Industrial Parkway	Home Avenue	Queen City Park Road
Lakeside Avenue	Pine Street	Central Avenue
Ledgemere Street	Margaret Street	End of Street
Linden Terrace	Birchcliff Parkway	Cherry Lane
Locust Street	Shelburne Road	Pine Street
Locust Terrace	Catherine Street	Locust Street
Lyman Avenue	Shelburne Street	Briggs Street
Marble Avenue	St. Paul Street	Pine Street
Margaret Street	Ledgemere Street	Caroline Street
Marian Street	Shelburne Street	Ledgemere Street
Morse Place	Richardson Street	Briggs Street
Oak Beach Drive (Not Including Loop)	Flynn Avenue	Austin Drive
Pine Place	Pine Street	End of Pavement
Pine Street	Kilburn Street	Queen City Park Road
Queen City Park Road	Shelburne Road	Industrial Parkway
Richardson Street	Flynn Avenue	Home Avenue
Scarff Avenue	Shelburne Street	Richardson Street
Sears Lane	Pine Street	End of Street
Shelburne Street (West Side Only)	St. Paul Street	Queen City Park Road
South Cove Road	Austin Drive	Austin Drive
South Crest Drive	Home Avenue	Pine Street
Southwind Drive	Oak Beach Drive	Oak Beach Drive
South Winooski Avenue	Adams Street	St. Paul Street
Spruce Court	Spruce Street	End of Street
Spruce Street	St. Paul Street	South Winooski Avenue
St. Paul Street	Kilburn Street	Shelburne Street
Wells Street	Flynn Avenue	Home Avenue
Wright Avenue	Conger Avenue	End of Street