Sustainable Infrastructure
Construction Season Preview
Construction Portal

The schedule listed for each project is subject to change. Please email mpooring@burlingtonvt.gov with any questions.

2019 Projects
See all capital projects planned for 2019. This includes all paving, sidewalk, transportation, water, and sewer projects.

Active
See all capital projects currently under construction in Burlington. For exact schedules, please contact 802-863-5094.

All Projects
See all projects proposed under construction or built since passage of the 2010 infrastructure bonds.

Completed
See all of the completed capital projects in Burlington since passage of the 2010 infrastructure bonds.

Project Resources: Citywide Construction Portal
COMPLETED PROJECTS -- 2017 & 2018

PLANNED -- 2019

CONSTRUCTION SEASON -- SUSTAINABLE INFRASTRUCTURE PLAN UPDATES
<table>
<thead>
<tr>
<th>CAPITAL REINVESTMENT</th>
<th>Past Annual Investment</th>
<th>2017 Final</th>
<th>2018 Final</th>
<th>TOTAL since Passage of Infrastructure Bonds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paving</td>
<td>~ 3 miles</td>
<td>5.13 miles</td>
<td>7.37 miles</td>
<td>12.50 miles</td>
</tr>
<tr>
<td>Sidewalk Reconstruction</td>
<td>~ 1 mile</td>
<td>3.0 miles total</td>
<td>2.86 miles</td>
<td>5.86 miles</td>
</tr>
<tr>
<td>Water Main Relining</td>
<td>As needed</td>
<td>1.78 miles</td>
<td>1.93 miles</td>
<td>3.71 miles</td>
</tr>
<tr>
<td>Water Main Replacement</td>
<td>As needed</td>
<td>0.44 miles</td>
<td>1.5 miles</td>
<td>1.94 miles</td>
</tr>
<tr>
<td>Curb</td>
<td>As needed</td>
<td>0.62 mile</td>
<td>0.53 miles</td>
<td>1.15 miles</td>
</tr>
<tr>
<td>Sewer/Stormwater Pipe Rehab</td>
<td>As needed</td>
<td>$165K</td>
<td>$272K</td>
<td>$437K</td>
</tr>
</tbody>
</table>
By the Numbers

• 95 miles of roadway
• 130 miles of sidewalk
• 75 signalized intersections
• 1 water plant
• 110 miles of water mains
• 3 Wastewater Treatment Plants
• 49 miles of sanitary sewer
• 45 miles of combined sanitary / storm sewer
• 37 miles of storm sewer
• 25 pump stations
• 102 storm water outfalls
• 2,000+ catch basins
• 900 fire hydrants
• 12,000 residential units served by recycling service
• 1,053 parking meters, 3 parking garages
• 300 city vehicles serviced and maintained
• 2 post-closure landfills
• 1 methane powered generating station
• 33 crossing guards
• 6,358 building, electrical, plumbing permit apps / year
• 541 excavation, obstruction permits / year
• 76 traffic requests received / year
• 2,500+ See Click Fix/customer service requests per year
• 3,500 tons of salt / year
• 3 fuels supplied at fueling station
• 1,014 crosswalks, stop bars & turn arrows maintained
• $~9M of capital projects completed each year
• 1 great team that makes it all happen
Planning, RFPs & Approvals from BOF/City Council

Community Engagement & NPA's

Pre-Season and Planning
An Early Start

Maple, Flynn & Pine Infrastructure Work

PUBLISHED: Water Resources • water-resources@burlingtonvt.gov • Dept. of Public Works, Burlington
Posted to:
Centennial, Downtown, ONE Central, ONE East, ONE West, Appletree Point, Crescent Woods, Ethan Allen, Far North End, Lakewood, Village Green, Birchcliff, Five Sisters, Hill Section, King Maple, Lakeside, Oakledge, Redstone Quarry, South Union, The Addition
Apr 15, 2010
Announcement
While the calendar still shows mid-April, favorable weather conditions and rapidly retreating ground frost have allowed us to begin mobilizing on major infrastructure capital projects. We want to thank you for

BTV Public Works @BTVDPW • Mar 13
Capital reinvestment work has started early. Stormwater pipe relining will take place on Pine St tomorrow - by Sears Lane & in front of Bobbin Mill apartments. They will then be returning on Monday next week to reline more pipes on Austin Dr and Dunder Rd
Paving

COMPLETED -- 2017 & 2018

PLANNED -- 2019
### Original Paving List

<table>
<thead>
<tr>
<th>CHARLOTTE</th>
<th>CATHERINE - LOCUST</th>
</tr>
</thead>
<tbody>
<tr>
<td>CURTIS</td>
<td>ALL</td>
</tr>
<tr>
<td>ETHAN ALLEN</td>
<td>NORTH AVE - JAMES AVE</td>
</tr>
<tr>
<td>FLYNN</td>
<td>RAILROAD - SHELBURNE RD</td>
</tr>
<tr>
<td>LATHAM</td>
<td>ALL</td>
</tr>
<tr>
<td>MAPLE</td>
<td>ST. PAUL - S PROSPECT</td>
</tr>
<tr>
<td>PINE ST</td>
<td>FLYNN - HOME</td>
</tr>
<tr>
<td>PINE ST</td>
<td>LAKESIDE - FLYNN</td>
</tr>
</tbody>
</table>

### Winter List -- segments of the following

- Intervale Rd
- Shore Rd
- Archibald St
- James Ave.
- South Prospect at College
- South Prospect near Henderson
- South Prospect at Overlake Condos
- Deforest Rd
- Sherman St.
- North St. (N Winooski - N. Union)
- North St. (Russell - N. Willard)
- Pine St. (Maple - Kilburn)
- Lake St.
‘Freeze-thaws’ linked to climate change can imperil utilities.

Simply put, more freeze-thaw cycles result in more potholes, he said. Currently, the department has 25 crews repairing potholes. During peak pothole-repair season in early March, that number can expand to more than 60.
Sidewalks
Ongoing water quality progress
Water, Sewer & Stormwater Reinvestment

COMPLETED -- 2017 & 2018

PLANNED -- 2019
Building resiliency & sustainability into the system

Mansfield Ave greenbelt bioretention system

Ward St bioretention project

Booth St/Russell St @ North bioretention Projects

Allen St subsurface infiltration system

Manhattan Ave outfall repairs

(photo above is prior completed project from North St)

(photo above is example from King St)
$30 M OF CLEAN WATER PROJECTS

- November 6, 2018 Bond Vote - **92% Approved**
- Design consultant procurement and CWSRF Loan Acquisition underway and due for completion ~ May 2018
  - SCADA/PLC (Fall 2019)
  - Disinfection System (Winter 19/20)
  - Pump Stations (2020)
  - SW Outfalls (design underway)
- Awarded $1M in CSO Green Infrastructure Retrofit Grants

Investments throughout the City

- Stormwater Investments $10,102,000 34%
- Wastewater Investments $19,856,000 66%

Clean Water Resiliency Plan
Safety, connectivity and expanded transportation choice.
**18-month Progress Dashboard**

- **Improve 20 priority intersections by 2026**: 30% underway
- **Increase citywide bike lane miles**: 23% increase
- **Increase city capacity for planning, implementation, and evaluation**: 50% increase

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- **9 quick-build projects for pedestrian safety**
- **4.42 miles built**
  - 16% of 10-year bikeway goal complete!
- **28 miles by 2026**
- **100% of new bike lanes used conflict markings at high-volume bus stops**

*Note: Bike lane miles include separated lanes, buffered lanes, and standard bike lanes. Bikeways include bike lanes, shared lanes, and Greenways.*
Quick-Build to Construction: Five Corners
CHAPTER 3: IMPROVEMENT CONCEPTS

Washington Street

The study team developed one concept for the Washington Street unsignalized intersection. Concept 1 focuses on improving pedestrian safety and calming traffic.

Crossing North Avenue at Washington Street is difficult as a pedestrian. Drivers rarely yield to waiting pedestrians and traffic begins to pick up speed as it exits the Old North End heading northbound. Concept 1 proposes a pedestrian-actuated rapid flash beacon for this crosswalk to better alert drivers of a pedestrian’s presence. This intersection’s role as the transition between the Old North End and New North End is enhanced in Concept 1 through the use of gateway treatments on all four corners, which may include special streetscaping, pavement, stormwater treatments, or signage. Concept 1 also proposes raising the intersection to sidewalk level to further calm traffic and remind drivers that a pedestrian crossing is nearby. Raised intersections also benefit pedestrians by eliminating the vertical distance between the sidewalk and street level at crosswalks, which also eliminates water ponding since there are no curbs or ramps.

Concept 1
- Pedestrian-actuated rapid flash beacon for crosswalk
- Raised intersection
- Gateway treatments (Old North End and New North End transition)

Figure 93: Washington Street Concept 1

PROJECT LOCATION: ON NORTH AVENUE, AT THE INTERSECTION OF WASHINGTON STREET AND BERRY STREET IN BURLINGTON, VT.

PROJECT DESCRIPTION: WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES GRADING, SUBBASE, NEW 5' SIDEWALK AND CURB, SIDEWALK RAMPS, REMOVAL OF DRAINAGE STRUCTURES, NEW DRAINAGE STRUCTURES, NEW SIGNS, AND OTHER RELATED ITEMS.
Project Overview

Intersections:
- Ward Street
- Killarney Drive & Village Green Drive
- Poirier Place
- Gosse Court & Dodds Court
- Green Acres Drive & Cayuga Court
Chase & Colchester Pedestrian Improvements
• **Key Principle:** Expanded transportation choice

• **Video of Public Forum available on our Facebook Page & Website**

• **Feedback/Questions:** dpwplanning@burlingtonvt.gov
What’s going on?

Great Streets: A Downtown for All of Burlington

St. Paul Street is getting an upgrade

- New bumpouts and crosswalks
  - Safer, shorter, and more visible street crossing
- Wider sidewalks
  - More comfortable for strolling and accommodating outdoor seating and amenities
- More trees
  - More shade and greenery
- Rain gardens
  - Protects water quality, reduces stormwater pollution
- Permeable paving
  - Captures and filters stormwater, limits runoff
- Bike racks
  - Convenient on-street storage
- Street lights
  - Brighter, safer nighttime with energy-efficient LEDs
- New benches
  - Places to sit and relax
- Granite curbs
  - Elegant, durable street edge
- Burying overhead utilities
  - Hiding unsightly power lines

Great Streets BTV
St. Paul Street from Main to Maple
Fall 2018 - Summer 2019

Great Streets BTV
St. Paul Street from Main to Maple
Fall 2018 - Summer 2019

Project Sponsor
City of Burlington
Burlington Waterfront Development
Burlington Public Works
Eco-friendly rain gardens
More seating options
More trees for shade
Burying overhead utilities
Hiding unsightly power lines

Project Partners
D.L. Ireland Companies
Construction Contractor
FFB Technical Services
Construction Observation

Learn More
Visit http://www.burlingtonvt.gov/GreatStreetsBTV
For Burlington Public: Phone 802-865-6600

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Great Streets: A Downtown for All of Burlington
Citywide initiatives & upcoming events
Water Open House & Wastewater Treatment Plant Tour

Public · Hosted by City of Burlington Public Works

APR 18

Thursday at 5 PM – 7 PM
3 days from now · 48–54°F Rain Showers

Main Wastewater Treatment Plant, 53 Lavalle Ln, Burlington, VT 05401-5264, United States

Show Map

WWTP Tours thru October
Operation Clean Sweep

is coming to Your Neighborhood!

SPRING 2019

STARTING April 24th
UNTIL MAY 3rd 2019

Streets will be swept on the following dates:

ZONE A - New North End (East-Side) – Wednesday April 24th
ZONE B - New North End (West-Side) – Thursday April 25th
ZONE F - Downtown – Sunday April 28th
ZONE G - Old North End – Monday April 29th
ZONE D - Hill Section – Tuesday April 30th
ZONE E - University Area – Wednesday May 1st
ZONE C - South End – Thursday May 2nd

Sweeping will begin at 10:00 p.m. and last until 7:00 a.m.

Please remove any vehicles from the streets on your night!
Your cooperation will make the operation of sweeping the streets go faster and smoother!
Any questions please call 863-3094 x3, 658-7669 or
log on to our web site at www.burlingtonvt.gov/dpw

Brought to you by Burlington Public Works

https://www.burlingtonvt.gov/DPW/Clean-Sweep
Water Quality Day -- May 30
Resources

- **BTV Construction Portal**, including a map and list of all 2019 paving, sidewalk and water projects: [burlingtonvt.gov/construction](burlingtonvt.gov/construction)
- **Report non-emergency maintenance requests**: SeeClickFix.com
- **DPW Customer Service**: 802-863-9094
- **Water Resources, including 24/7 urgent support**: 802-863-4501/water-resources@burlingtonvt.gov
- **Sustainable Infrastructure Plan & Construction Season Info**: [burlingtonvt.gov/DPW/Reinvestment](burlingtonvt.gov/DPW/Reinvestment)
Street Pavement Condition: Pothole - Closed

Tracy Dr; Numerous potholes that are getting bigger by the day.
03/28/2019 - Reported by Burlington,VtCollaborativeNeighbor - Flag

Thank you for reporting this issue. The Department of Public Works will now begin its investigation into the matter.
03/26/2019 - Flag

The Department of Public Works has resolved this request. Thanks for helping to keep Burlington a great place to live and work.
This was filled with cold patch on 3/29/19.
about 2 hours ago - Flag

Write a comment...
PROJECT DEVELOPMENT: WHAT INFORMS OUR WORK

- Residents
- City Plans
- Federal & State Policy
- Intergovernmental Coordination
- Private Development
- Available Funding