

## Burlington Department of Public Works Walk-Bike Workplan for 2018

Summary drafted by Erik Brotz, Burlington Walk-Bike Council 1/25/18

The following projects are expected to be included in a single package being put out for bid in January or February, for construction in 2018. All projects do not need further approval from the Public Works Commission. DPW is planning public engagement prior to construction for the more significant projects

1. North Ave.: New crosswalks across North Ave. in 5 locations (Ward St., Village Green/Killarney Dr., Poirier Pl., Gosse Ct., and Cayuga Ct.). Some bump-outs, no center islands, RRFBs for all.
2. North Ave.: Green conflict markings in bike lanes at intersections with 127 and Institute Dr. (BHS).
3. North Ave.: Northbound bike lane between Sherman and North St.
4. Lakeview Terrace: Neighborhood Greenway between Berry St./North St. intersection to Haswell St./North St. Exploring possibility of agreement with Redstone to use the parking lot at the South end of Lakeview. Quick build this first year (paint, bollards, planters).
5. Old North End Greenway: Neighborhood Greenway from south end of North Ave. to Prospect St. along Sherman, N. Champlain, Peru, Elmwood, Grant, Union, Loomis, Hickock, and Green. Quick build this first year (paint, bollards, planters).
6. Riverside Dr.: Green conflict markings at selected intersections and driveways.
7. Pearl St. - Bike lanes both directions between Battery and Winooski, eastbound to Union. Requires removal of one car travel lane eastbound between Battery and S. Champlain. Eastbound bike lane Hungerford Terr. to Prospect St.
8. Battery St.: removal of one turn lane from Battery St. northbound onto Pearl St. to align with single east bound lane on Pearl.
9. Colchester Ave.: extend eastbound bike lane to East Ave w/ shared lane markings through right turn lane.
10. Willard St.: Switch bike lane on from northbound to southbound (and switch parking to West side). Parking changes already approved by PWC.
11. Willard St.: Green conflict markings in bike lane at intersections with Loomis St., Pearl St., College St., Main St., Maple St.
12. Pine St.: Green conflict markings in bike lanes at intersections with King St., Maple St., and Lakeside Ave.
13. General: Shared lane markings in various locations.

The following projects are expected to be brought before the Public Works Commission February 21 for approval. If approved they will be added to the first bid package described above for construction in 2018.

14. Pearl St. - Bike lane eastbound between Union St. and Hungerford Terr. Requires parking removal. Still determining whether can bring to PWC in February.
15. Pine St.: New bike lanes both sides between Flynn and Home. Requires some parking removal.
16. Austin Dr. bikeway/Oak Beach Greenway: 2-way lane on one side between Industrial and Ledgewood, then Greenway on Oak Beach Dr. to Flynn. Not doing rest on Austin because of parking removal concerns after removal of parking on Flynn. Ledgewood entrance from Austin Dr. is private so need to ask permission to put markings on road there. Austin Dr. requires removal of small amount of rarely used parking.

The following projects are expected to be included in a second package to be put out for bid in April. Some of these may only get design in 2018, with construction in 2019.

17. Depot St.: Greenway
18. N. Champlain St.: 2-way protected bike lane between Pearl St. and Manhattan Dr. Requires removal of one car travel lane.

19. College St./ Prospect St.: Add bikeway markings to connect College St. bike lane with the path in UVM green.

The following projects are being done separately from the bid packages listed above, but are also expected to be installed in 2018. Some (such as the quick build intersection improvement projects) will be done using in-house resources.

20. Archibald St./Intervale Ave.: Quick build curb extensions.
21. Colchester Ave.: Sidepath widening Prospect St. to East Ave.
22. Main St./S. Champlain St.: Quick build curb extensions with bollards and planters to reinforce paint already in place.
23. St. Paul St.: streetscape improvements between Main St. and Maple St, including wider sidewalk, stormwater treatment, traffic calming, crosswalk improvements, angled parking going to parallel. Approved by PWC. Concept plans on Great Streets website. Construction may run into 2019.
24. Battery St./Maple St.: new pedestrian signals and sidewalk ramps.
25. Pine St.: Add interim design curb extensions at unsignalized crosswalks in 6 locations (Kilburn, Marble, Howard, Jackson Terr., Locust, Lakeside). quick build with bollards.
26. Howard St./S. Winooski Ave./St. Paul St.: Quick-build curb extensions and other changes similar to the design piloted in 2017.
27. Shelburne St./Locust St./S. Willard St./Ledge Rd.: Quick build improvements in advance of roundabout construction.
28. Locust St.: part of Champlain Pedestrian Improvement project; traffic calming and crosswalks at intersections with Caroline St. and Charlotte St.
29. Birchcliff Parkway: part of Champlain Pedestrian Improvement project; traffic calming and crosswalks at intersection with Cherry Lane.

The following projects are being managed by the Department of Parks, Recreation, and Waterfront.

30. Burlington Greenway (Waterfront mixed use path): Complete reconstruction of section between North Beach and Shore Rd. Also adding pause places at Leddy Park, Starr Farm and North Shore area. Begin design/planning for Phase 3 between Perkins Pier and Oakledge Park for construction in 2019.
31. Cambrian Rise.: New mixed use path from North Ave. to waterfront path, through Cambrian Rise development. Construction expected in late 2018.

The following are major planning and design projects for 2018.

32. Winooski Ave. Corridor Study: schedule of implementation uncertain
33. Mansfield Ave. sidepath design: schedule of implementation uncertain
34. Bike Share siting and analysis
35. Main St.: streetscape improvements as part of Great Streets project; schedule of implementation uncertain

Note: this list does not include all traffic calming projects, nor does it include work on repairs to sidewalks, curbs, and streets, or repainting of street markings.

In addition to the projects listed above that are currently being planned by DPW, Local Motion has proposed several other projects (listed below in order of priority) that they would like to see added to the plan for this year:

1. Connect the South Winooski bike lanes to the Union and Willard bike lanes via:
  - o Super-sharrows in both directions on Maple between Winooski and Willard

- Northbound bike lane on Union from Maple to Main  
*NOTE: Local Motion will be submitting a proposal for a pop-up demonstration project at this location. We will provide documentation re: design standards for a shared bike lane-bus pull off at that point.*
- 2. Add a northbound bike lane on Pine from Flynn to Locust  
*Again, Local Motion will provide documentation re: design standards for a shared bike lane-bus pull off.*
- 3. Work with the City of South Burlington to add bike lanes on both sides of Queen City Park Road from Pine Street to the street that goes south towards KMart  
*Local Motion will facilitate this collaboration.*
- 4. Add intersection conflict markings at the following locations:
  - Pine & Flynn
  - Pine & Howard
  - St. Paul & Howard (modification of current proposed quick-build design)
  - Union & Winooski
- 5. Add super-sharrows in both directions (i.e., create a greenway) on College between Pine and Union
- 6. Add super-sharrows (or at least regular sharrows) on Pine from Main to Bank, then use super-sharrows or other pavement markings to make the path around the west end of Macy's more obvious