



CITY OF BURLINGTON, VERMONT
CITY COUNCIL TRANSPORTATION, ENERGY & UTILITIES COMMITTEE

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Councilor Maxwell Tracy, Chair *WARD 2*
Councilor Richard Dean, *East District*
Councilor Tom Ayres, *WARD 7*

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Transportation, Energy and Utilities Committee of the City Council
Tuesday, June 20th, 2017 at 4:00 PM

Burlington Department of Public Works – Front Conference Room
645 Pine Street – Burlington, VT

–AGENDA–

1. **Agenda**
 - a. DISCUSSION
 - b. ACTION
2. **Public Forum**
3. **Minutes of 03/08/2017**
 - a. DISCUSSION
 - b. ACTION
4. **North Avenue Pilot Update – 10 minutes**
 - a. Nicole Losch presenting
 - b. 10-minute duration
 - c. Action: Informative, no action needed.
5. **VTrans bike/ped Grant Candidate – 10 minutes**
 - a. Nicole Losch presenting
 - b. 10-minute duration
 - c. Action: Informative, no action needed.
6. **Great Streets Initiative – June 2017 Concept Plans for St. Paul Street and Overall Update – 30 minutes**
 - a. Laura Wheelock presenting
 - b. 30-minute duration
 - c. Action: Endorse June 2017 Concept Plans for St. Paul Street and Approve meeting with City Council
7. **WWTP Digester / District Heating – 10 minutes**

- a. Megan Moir presenting
- b. 10-minute duration
- c. Action: Informative, no action needed.

8. Councilors' Update

9. Adjourn

 COMMUNITY & ECONOMIC DEVELOPMENT OFFICE 149 CHURCH STREET • ROOM 32 • CITY HALL • BURLINGTON, VT 05401 (802) 865-7144 • (802) 865-7024 (FAX) www.burlingtonvt.gov/cedo		
Noelle MacKay Director, Community & Economic Development Office	Chapin Spencer Director, Public Works Norman J. Baldwin, P.E. Asst. Director Public Works	David E White, AICP Director, Planning & Zoning Department

MEMO

TO: Transportation, Energy and Utilities Committee

FROM: Kirsten Merriman Shapiro, Senior Policy and Project Specialist, CEDO
Laura K. Wheelock P.E., Public Works Engineer
Meagan E Tuttle, AICP, Principal Planner, Planning and Zoning

RE: Great Streets Initiative – June 2017 Concept Plans for St. Paul Street & Overall Update

DATE: June 20, 2017

The Great Streets Initiative is a culmination of many years of planning and project development, including the public vote in March of 2015 to use the City's downtown TIF district to make new investments in the downtown public infrastructure, to ensure that Burlington residents have a downtown that is a vibrant, walkable and sustainable urban center. Through this initiative, we'll advance several key projects envisioned by plans such as Imagine City Hall Park, planBTV Downtown & Waterfront, the 2011 Transportation Plan, and the City's first planBTV Walk/Bike.

The Great Streets Initiative premise is to work with citizens, stakeholders and officials of Burlington on these three separate projects:

1. **Downtown Street Standards:** This project will create a palette of urban elements and standard dimensions that will lead to downtown streets that are beautiful, practical, affordable, sustainable, and appropriate for downtown Burlington from Pearl to Maple and Union to Battery.
2. **Main Street / St. Paul Street Plans:** This project will apply those standards in a concept plan for the redesign of six blocks of Main Street from Union to Battery, and two segments of St. Paul Street from Main to Maple. This effort will culminate in the construction of two key segments of Main Street between Pine and Church.
3. **City Hall Park Plans:** This project continues the effort to reconstruct the only public park in downtown Burlington. The Great Streets Initiative advances the schematic designs from the 2011-2012 [Imagine City Hall Park](#) engagement process, and will culminate in the much anticipated reconstruction of the park.

Update

In June 2016, the City of Burlington launched the Great Streets Initiative to advance several key projects to invest in a downtown that is vibrant, walkable and sustainable. In particular, this project builds on and implements many years

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of planning and project development, including the public vote in March 2015 supporting the use of the City's downtown TIF district to make investments in two blocks of Main Street (Pine to Church) and two blocks of St. Paul Street (Main to Maple).

Until recently the focus of the work on this project has been on the Main Street Concept plan, City Hall Park Design, and the Standards and the public outreach associated with those portions of the project. Early in 2017, the focus of the efforts under Great Streets shifted to St. Paul Street, as City Officials realized the benefits of constructing St. Paul Street ahead of the other portions of the project. We are currently targeting construction of the two blocks of St. Paul Street to start in the summer of 2018.

Input on St. Paul Street Concept Plans

The City is currently soliciting feedback on the St. Paul Street Concept Plans. On June 6, we held a special neighborhood meeting to present two concepts for the St. Paul segment of this project to residents and businesses. The two concepts are enclosed along with a chart summarizing the key differences among the existing street layout and these concepts.

It is important to note that while both concepts advance the Great Streets Initiative goals to make our downtown streets more walkable, increase safety, expand stormwater management, and accommodate outdoor seating/dining and other uses of the public right-of-way, they also impact on-street parking. The plans enclosed detail that Concept A retains diagonal parking on the east side of the street, but reduces the number of spaces to allow for the addition of stormwater management features within the street. Alternatively, Concept B converts this diagonal parking to parallel, allows for a significant widening of the sidewalk on the east side of the street, and provides an opportunity for a flexible space that can be used to accommodate a truck loading zone.

More information about these plans can be found online at www.greatstreetsbtv.com, and within the downloadable June 6 meeting presentation.

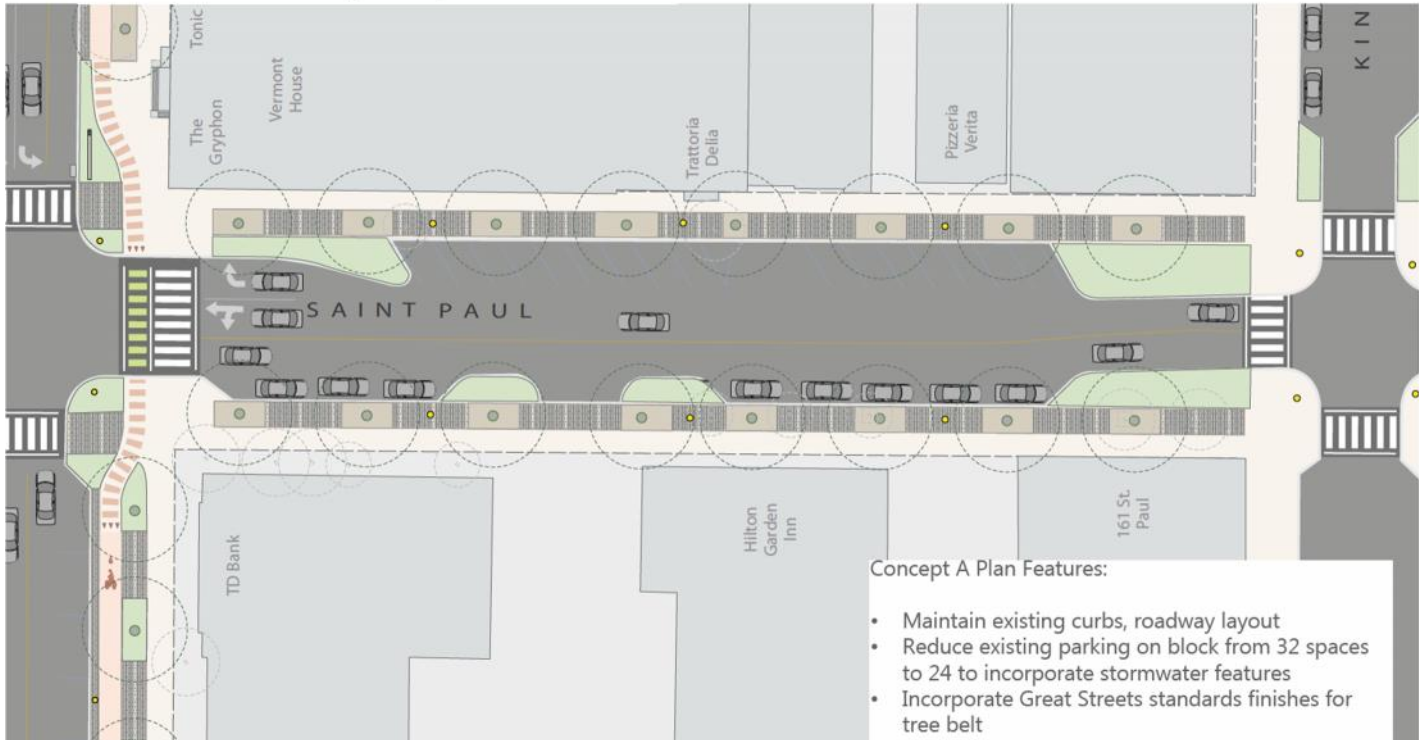
During the upcoming TEUC meeting, the Great Streets Initiative's project managers will present the concept plans for St. Paul Street as well as a summary of public and stakeholder input received to-date. The TEUC is requested to endorse these plans and co-sponsor an upcoming request to the City Council to continue onto the design phase of the project by executing a contract amendment with the design team. We welcome any other input to the project management team that will be helpful in guiding refinements per the schedule above.

If you have additional questions about the Great Streets Initiative or any of the individual efforts included in this phase of work, please feel free to contact any of the project managers directly:

Laura Wheelock, lwheelock@burlingtonvt.gov or 802-540-0397
Kirsten Merriman Shapiro, kmerriman@burlingtonvt.gov or 802-865-7284
Meagan Tuttle, mtuttle@burlingtonvt.gov or 802-865-7193

Thank you.

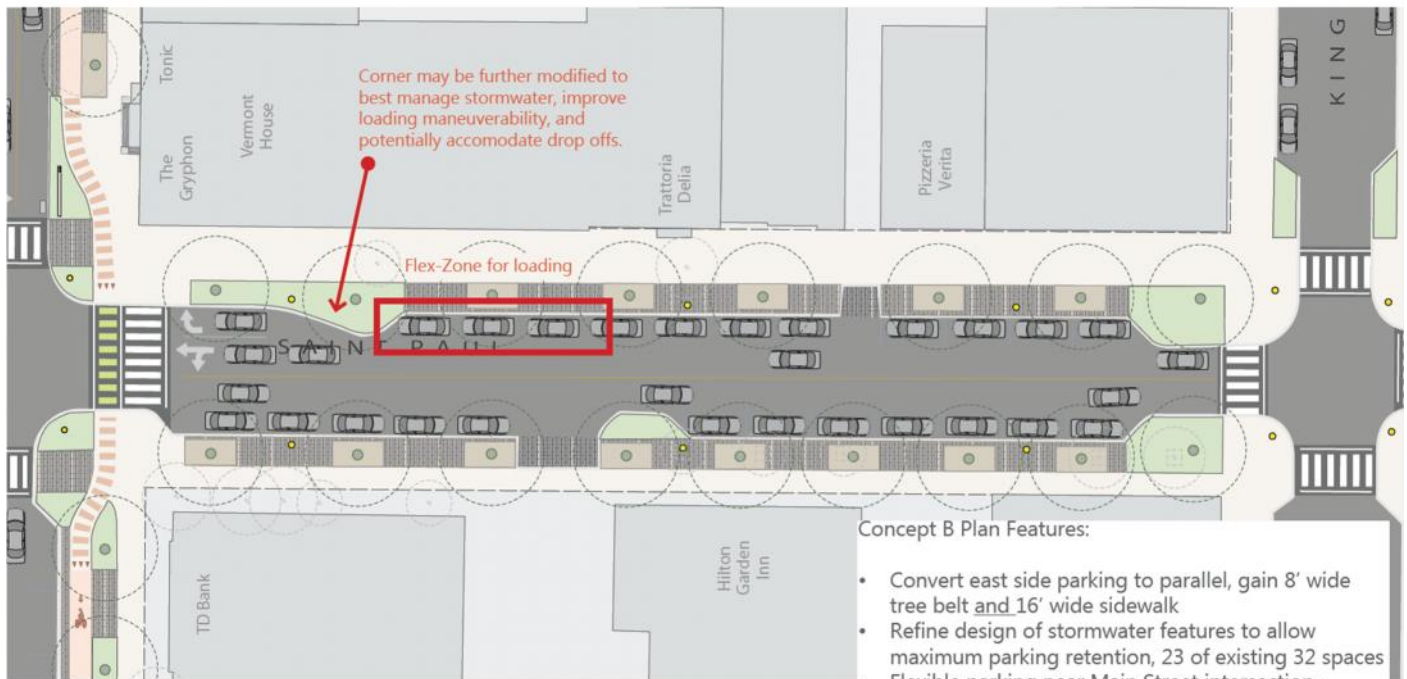
St Paul Street- Main to King- Concept A



St Paul Street- King to Maple- Concept A



St Paul Street- Main to King- Concept B



St. Paul Street Presentation June 6, 2017

St Paul Street- King to Maple - Concept B



St Paul Street- Comparison of Existing to Concepts

		Existing Street	Concept A	Concept B
Typical Roadway & Sidewalk Dimensions (no proposed changes to private building encroachments)	North Block	50' Roadway 8.5' Tree Belt 7' - 8' Sidewalk	Same as Existing	39' Roadway 8.5' Tree Belt 8' Sidewalk West/ 16' East
	South Block	38' Roadway 10' - 11' Tree Belt 5' Sidewalk	38' Roadway 8.5' Tree Belt 6.5' - 7.5' Sidewalk	Same as Concept A
Total On-Street Parking Main to Maple		52	44	45
Nearby Off-Street Public Parking		40 @ Brown's Court	65 @ Eagle's Landing (Net increase of 25 spaces nights & weekends)	Same as Concept A
Loading Zone		One diagonal parking space mid-block; right turn lane near Main Street used informally	Same as Existing	Parallel Parking spaces near intersection of Main St. signed for loading day/ parking night
Street Trees		16	31	32
Stormwater Management	Ratio of stormwater gardens & tree belt to sidewalks & roadway	Minimal infiltration from tree lawns King-Maple, all other drains to sewer	Design to capture rainfall from 90% of storm events, slow down and treat storm-water before enter sewer	Same as Concept A
Overhead Utilities		Exist King to Maple	Buried	Same as Concept A
Outdoor Seating		None	New seating in tree belt	Same as Concept A
Flex Area for programming to support adjacent users	Outdoor dining, public art, bike parking, etc.	Extremely limited/none	Very limited- only in tree belt where min clearance can be met	Significant space- tree belt & sidewalk, esp. east side Main - King



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Transportation, Energy and Utilities Committee of the City Council

DRAFT MEETING MINUTES:

Tuesday, June 20, 2017 at 4:00 PM

**Burlington Department of Public Works – Front Conference Room
645 Pine Street – Burlington, VT**

–Meeting Minutes–

Members Present: Councilor Max Tracy, TEUC Chairperson
Councilor Richard Deane, TEUC Member

Other Councilors Present: None

City Staff Present: Chapin Spencer, DPW
Nicole Losch, DPW
Laura Wheelock, DPW
Megan Moir, DPW
Susan Molzon, DPW
Kirsten Shapiro, CEDO
Meagan Tuttle, Planning and Zoning

Residents Present: See Attendance Sheet

Councilor Tracy called the meeting to order at 4:48 PM.

1. Agenda

Councilor Tracy moved for a motion on the agenda. Councilor Deane moved to adopt the Agenda with exception of Agenda Item 5, VTrans bike/ped Grant, and Councilor Tracy seconded. All in favor.

2. Public Forum

Councilor Tracy outlined guidelines for the public forum and requested that everyone be respectful.

No attendees requested to speak as part of the public forum.

3. Minutes of 3/08/2017

Councilor Tracy moved for a motion on the minutes, Councilor Deane moved to approve the minutes and Councilor Tracy seconded. All in favor.

4. North Avenue Pilot Update – Nicole Losch, DPW Presentation

Nicole provided an update on the North Avenue Pilot project. We are one year into the pilot. The project team is compiling reports, traffic data, results of public opinion survey and crash data. Information will be posted on the website. Crash data reveals fewer and less severe crashes on North Avenue, but rear end accidents have increased. The northbound, PM peak hour is the most congested time. DPW staff is scheduled to present the findings and our recommendation to the City Council on July 10.

Chapin Spencer, Councilors asked for a public meeting in the North End prior to the July 10th meeting. The meeting scheduled for this week will be rescheduled.

Councilor Deane asked if people are using 127 as an alternate to North Avenue. As a result, are there more crashes being reported on 127?

Jason Charest, North Avenue volumes have remained generally constant so there is no reason to believe volumes have been shifted to 127. Crash data on the beltline has not been collected.

5. VTrans Bike/Ped Grant Candidate– Item removed from Agenda

6. Great Streets Initiative – June 2017 Concept Plans for St. Paul Street and Overall Update – Meagan Tuttle, Planning and Zoning, Laura Wheelock, DPW, and Kirsten Merriman, CEDO

Meagan provided an overview of the Great Streets Initiative. The key element of Great Streets is to rebalance the right-of-way for a range of users while allowing for functional traffic movement and parking. As a result of the ongoing construction of Eagle's Landing on St. Paul Street, there is an opportunity to redevelop St. Paul Street in coordination with the completion of the Eagle's Landing construction. The team plans to refocus efforts on St. Paul Street, rather than Main Street, to take advantage of this opportunity.

Meagan presented two concept plans for St. Paul Street. Both concepts incorporate undergrounding the utilities, bumpouts, stormwater treatment, tree belts, and wider sidewalks.

The project team is seeking support for Concept B. Construction is anticipated in 2018. The project team will be visiting the Board of Finance for an amendment to the design contract to progress design plans for the St. Paul Street section.

Councilor Deane asked if they have talked to downtown parking management and adjacent businesses. Meagan, businesses have had positive feedback. Their biggest concerns have been managing access during construction and the construction impacts.

Councilor Deane asked if urban soils will be an issue for this project. Kirsten, the State does not monitor soils under existing roadways. This project is different than City Hall Park and the waterfront so they do not expect this to be an issue.

Councilor Tracy advised the design should be mindful of treatments in front of What Ales You and avoid moveable objects. Tracy also requested alternatives for materials be considered in regards to sustainable materials and tropical hardwoods.

Meagan, details of materials will be worked out as design continues. They have been working with Parks for suggestions and feedback on the materials they use in the parks.

Councilor Deane moved for a motion to support Concept B for St. Paul Street and recommend the City Council support a contract amendment for Phase II-A to complete design and engineering services for St. Paul St, and Councilor Tracy seconded. All in favor.

7. WWTP Digester/District Heating – Megan Moir, DPW

Megan provided an overview of the digester and district heating projects. There are strong synergies with sewage heat recovery and digester systems. They are working with Corix as a consultant to investigate concepts. They are looking into scenarios at Perkins Pier and McNeil.

Councilor Deane asked if the heat recovery piece is part of the overall heat distribution system. Megan, we could do just McNeil or both scenarios but it may be good to have redundancy with both facilities.

Councilor Deane asked if there is a way to project cost of capital and return on investment and what the timeframe is for this investigation. Megan, the financials will be built into the model as it is developed. Chapin, the due diligence and investigations will take place over the next twelve months.

8. Councilors Updates

None given.

9. Adjourn

Councilor Deane motioned to adjourn and Councilor Tracy seconded. Meeting was adjourned at 5:42 PM.

Transportation, Energy and Utilities Committee of the City Council

Tuesday, June 20, 2017 4:00 PM

Burlington Department of Public Works – Front Conference Room 645 Pine Street – Burlington, VT

SIGN-IN SHEET

NAME	EMAIL
Laura Wheelock DPW	
Jason Charest CCRPC	jeharest@ccrpcvt.org
Nicole Losch DPW	
Chapin Spicer DPW	
Kirsten M Shapiro CEDO	
Richard Deane	
Susan Molzon DPW	

Please note that this sign-in sheet and any information provided on it will be maintained as a public record and may be subject to disclosure under the Vermont Public Records Act.