

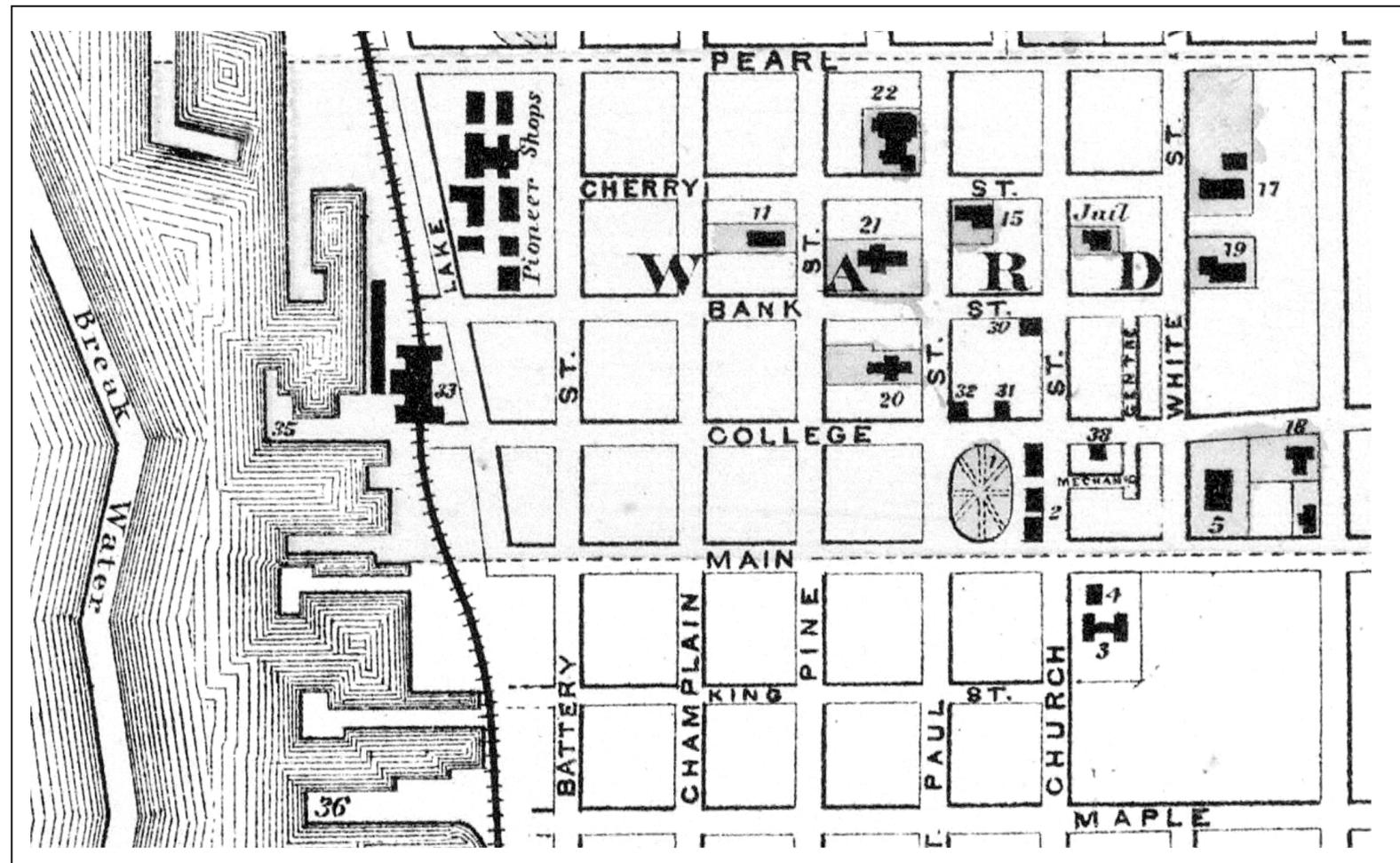
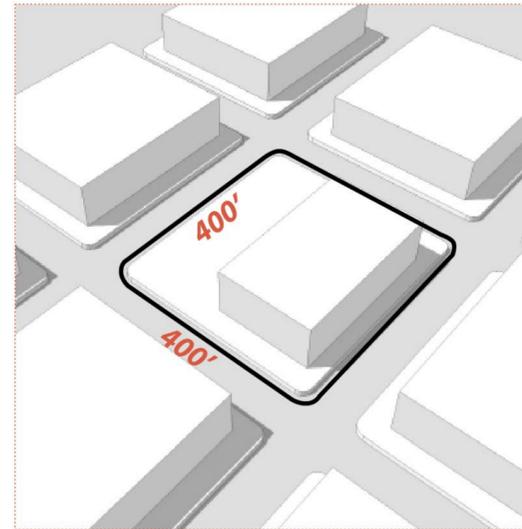
Burlington Town Center Public Space Improvements: **Restoring the Grid, Activating City Life**



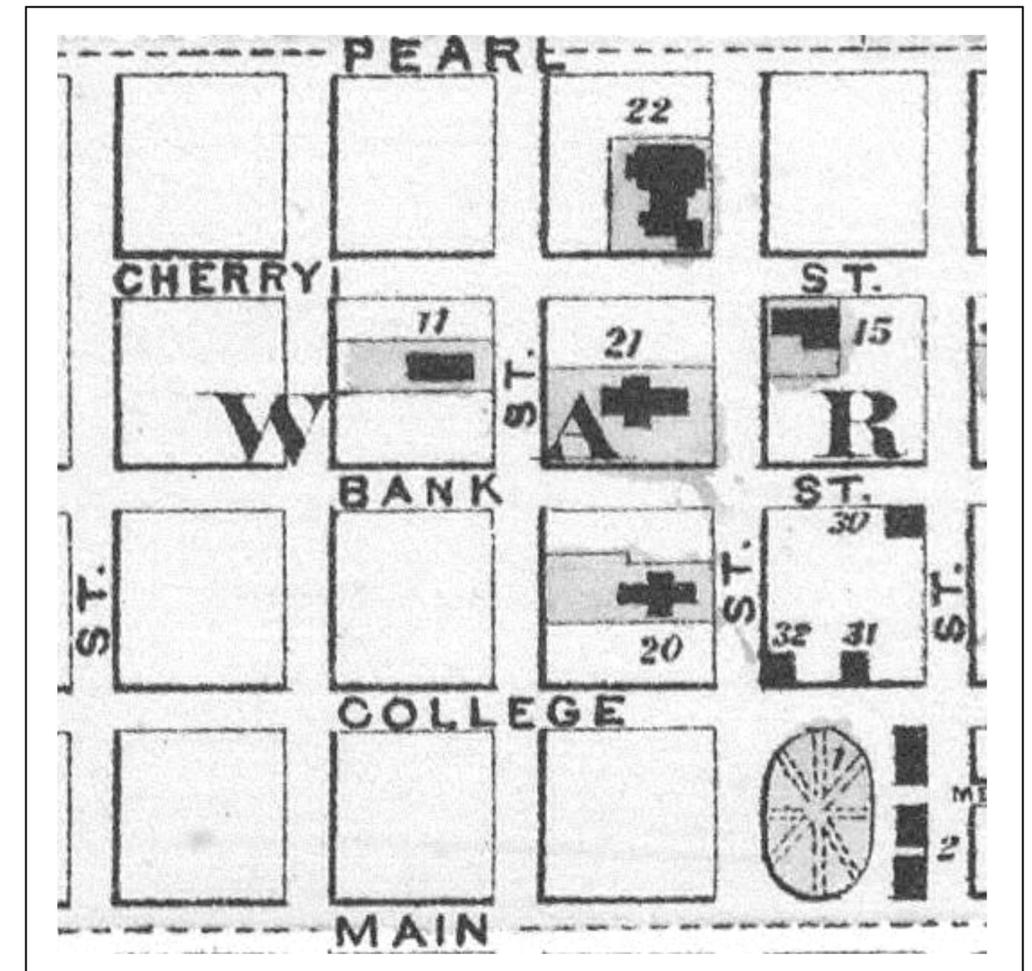
Burlington Town Center Public Space Improvements

A checkerboard grid has organized the heart of Burlington throughout its history.

Downtown Burlington's historic regular checkerboard street grid defines regular square blocks of approximately 400' x 400'



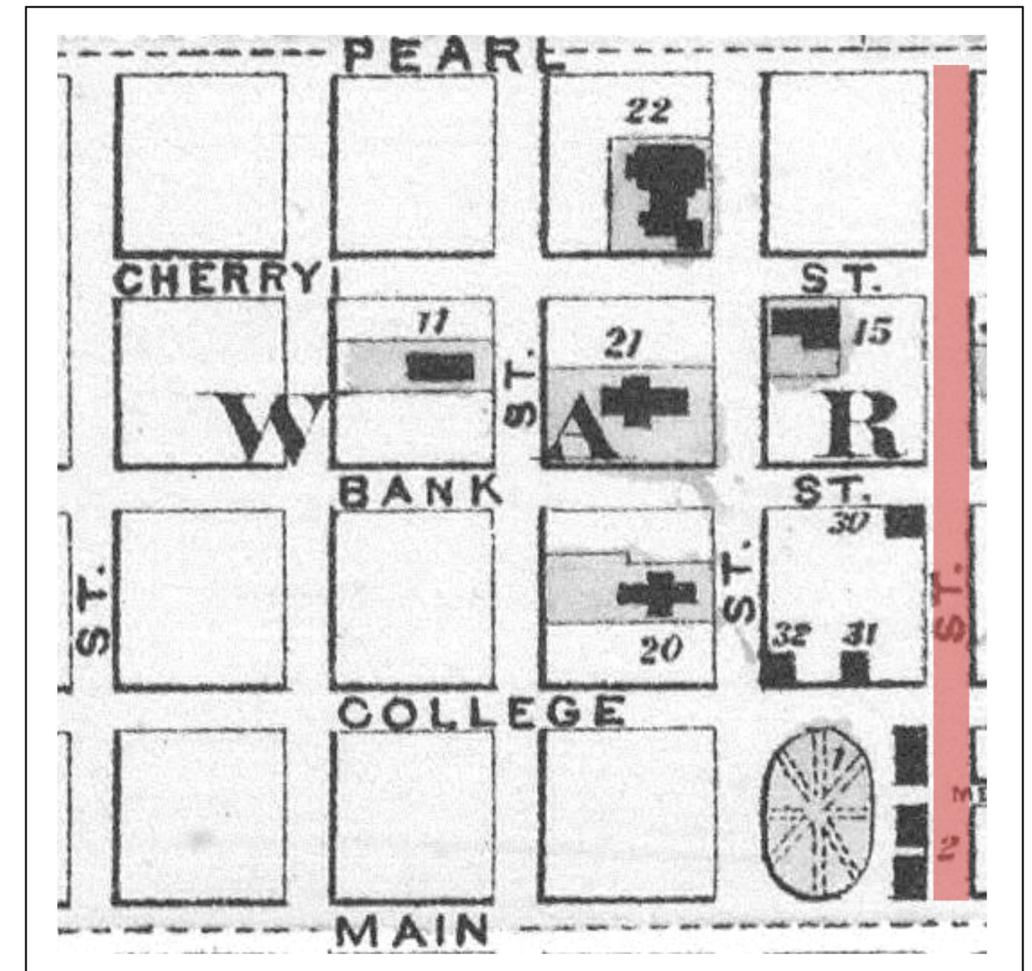
1873 map of downtown Burlington: regular street grid and square blocks



Detail of historic block plan

Burlington Town Center Public Space Improvements

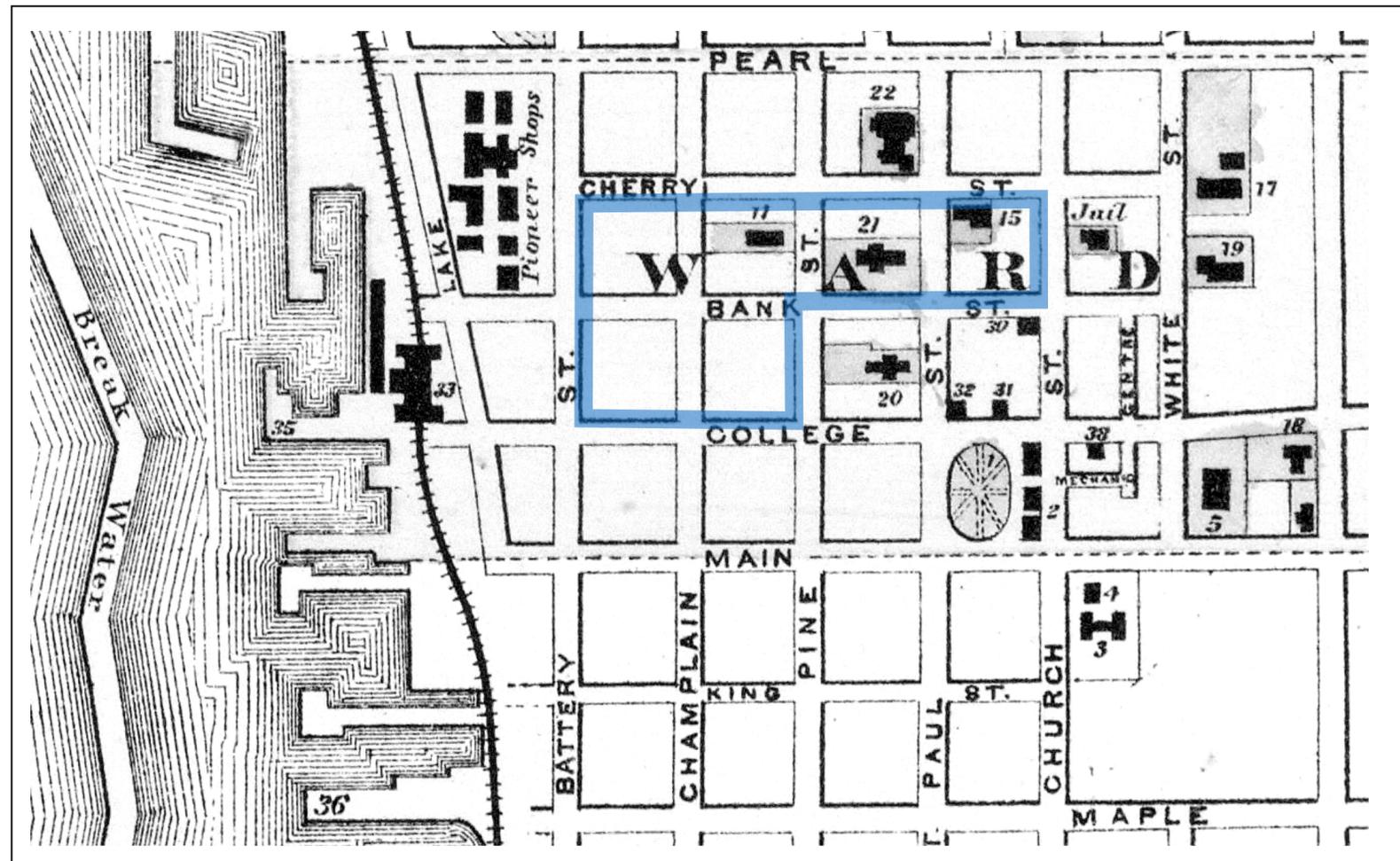
Some elements of the grid have been positively transformed, such as the conversion of Church Street to a pedestrian-only street.



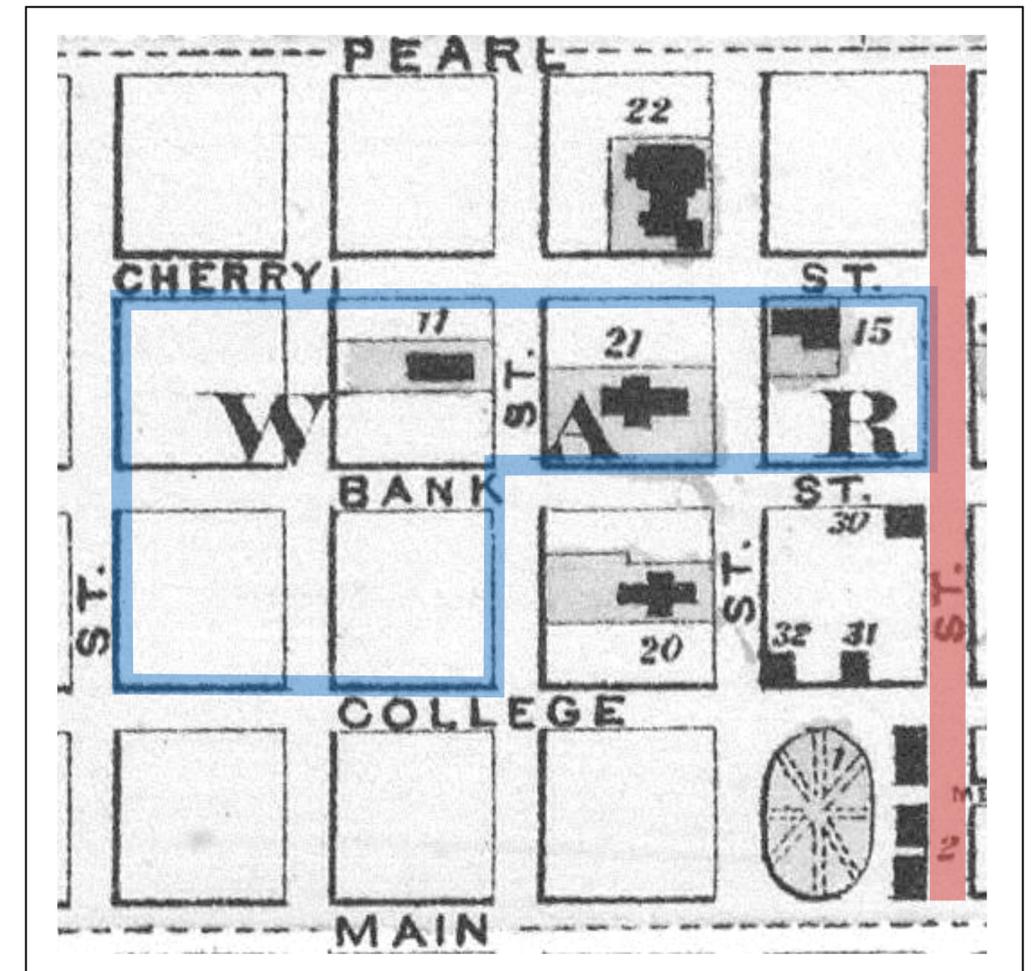
Detail of historic block plan (Church Street Marketplace in red)

Burlington Town Center Public Space Improvements

Other transformations have proved less successful, such as the 1970's combination of six blocks into a single "superblock."



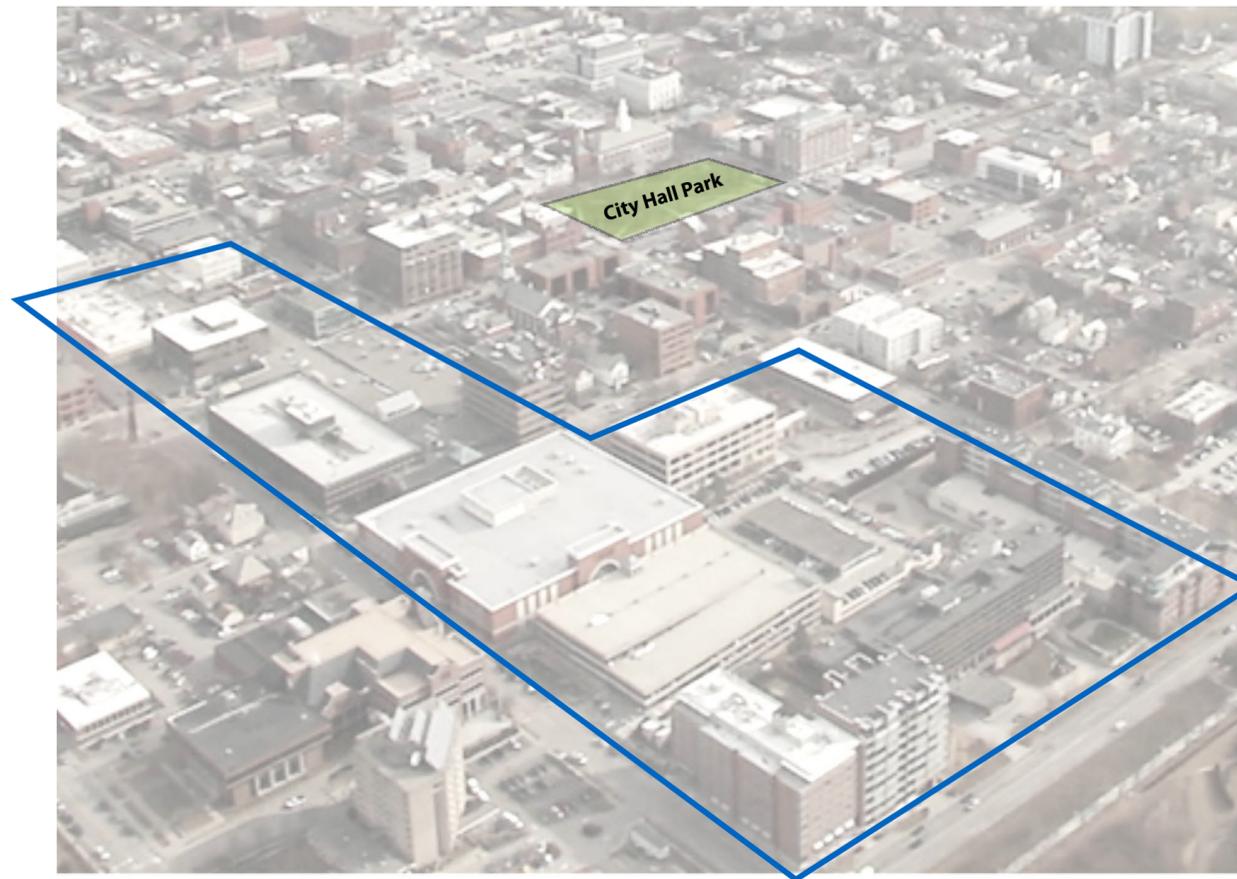
1873 map of downtown Burlington: regular street grid and square blocks (1970's superblock in blue)



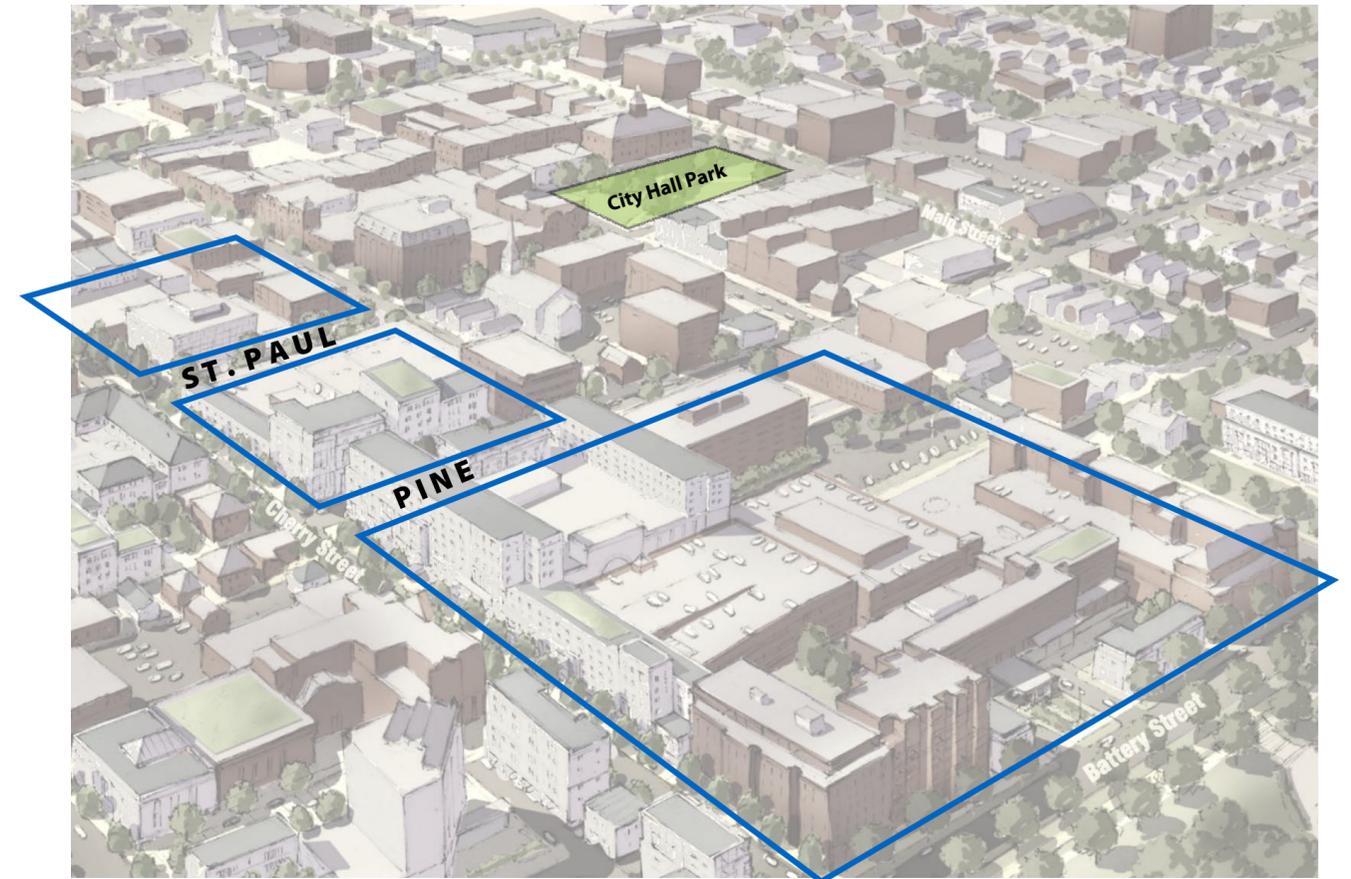
Detail of historic block plan (1970's superblock in blue)

Burlington Town Center Public Space Improvements

**Plan BTV calls for restoring
two of the six blocks to
their place in the grid.**



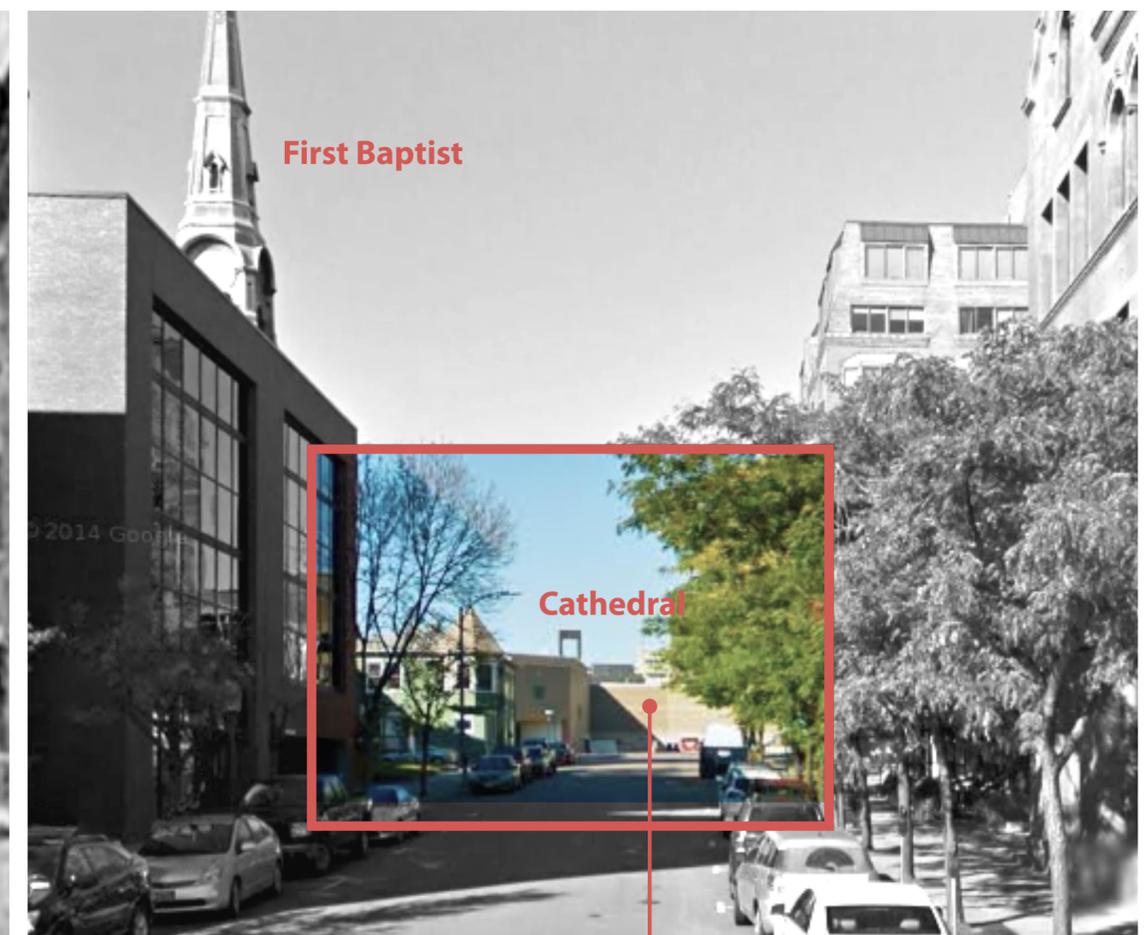
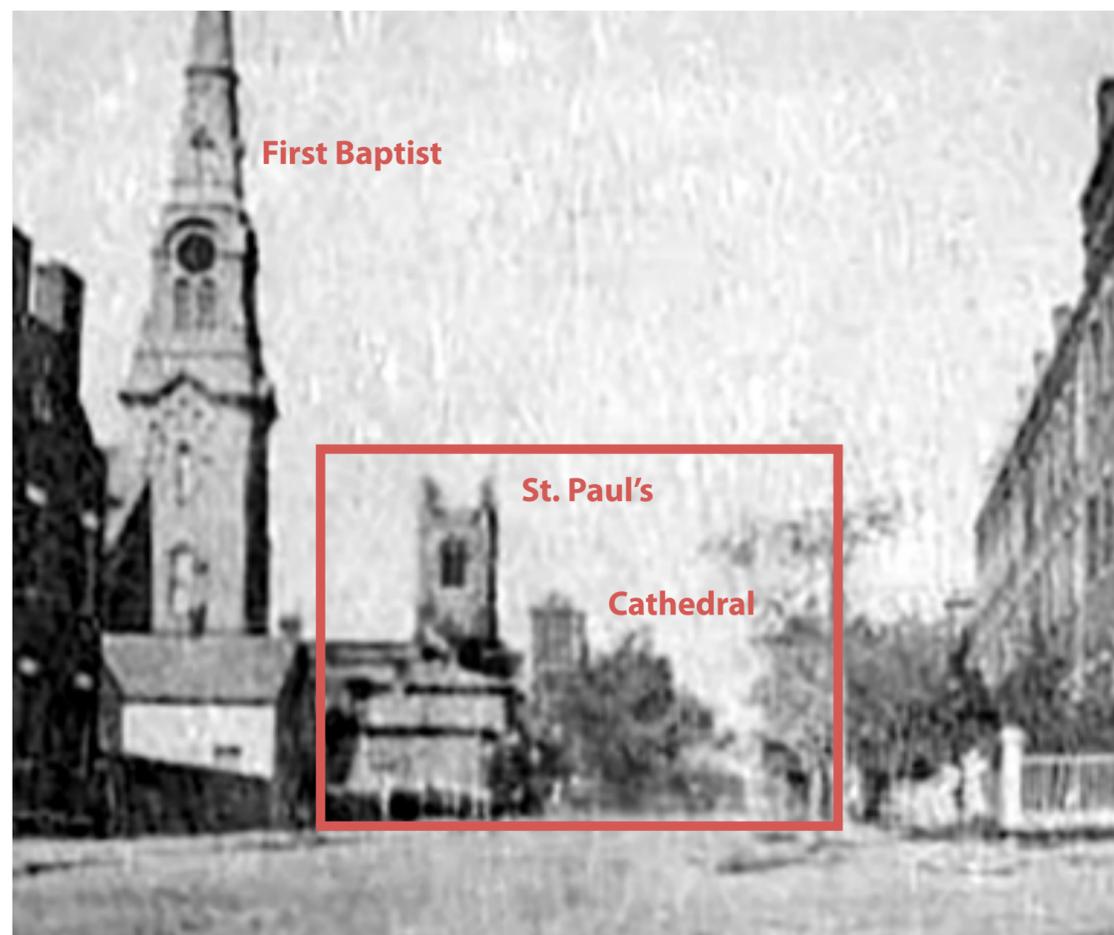
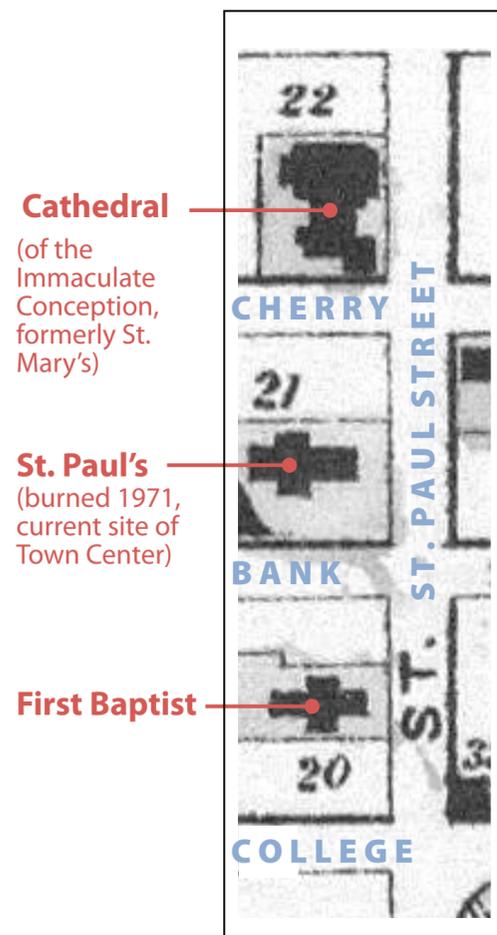
Aerial photo showing existing 1970's superblock



Plan BTV rendering with proposed restoration of two historic blocks and streets

Burlington Town Center Public Space Improvements

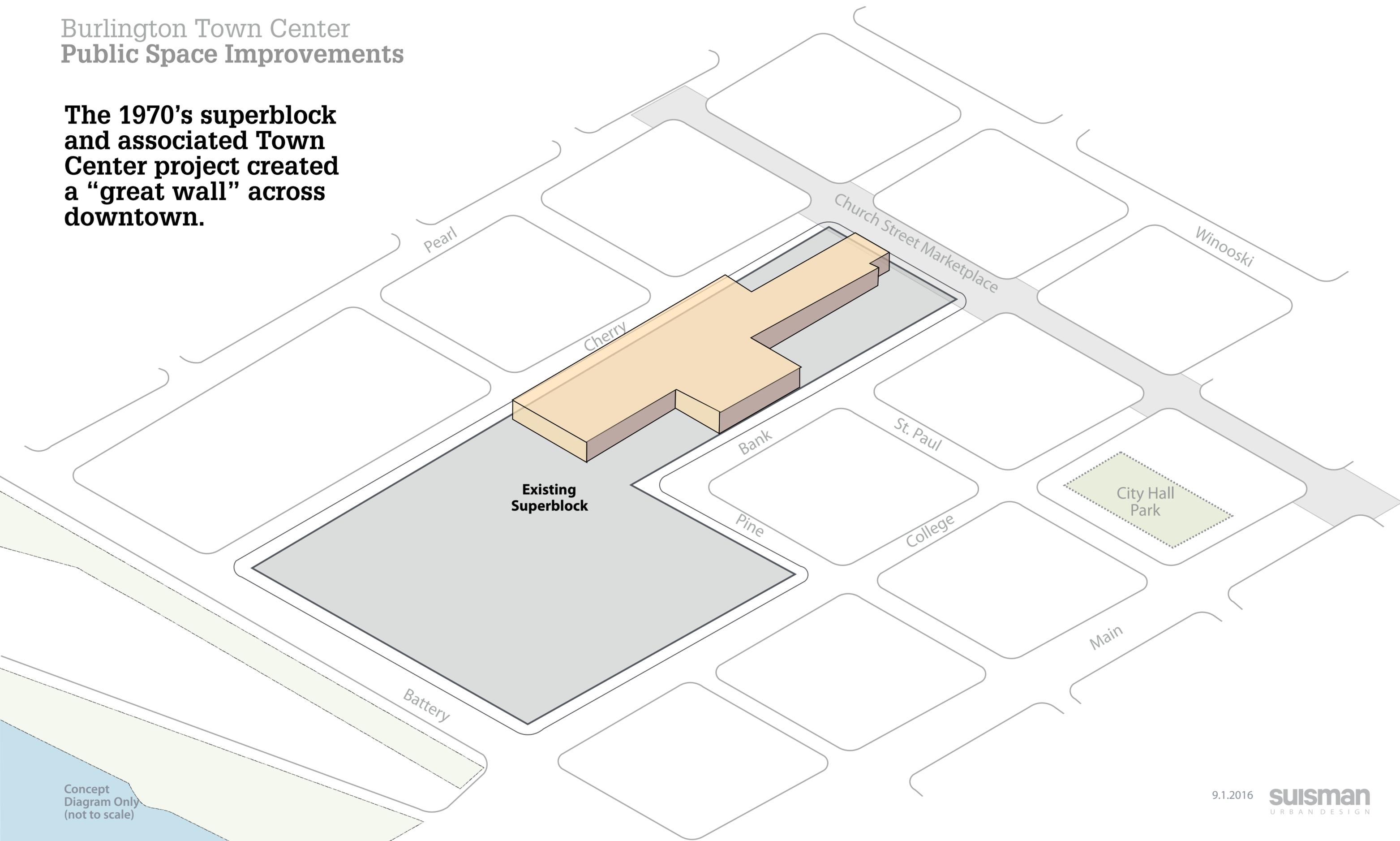
Three historic churches lined St. Paul Street until the early 1970's. The project would restore historic visual and physical connections along Pine Street and St. Paul Street.



Town Center now blocks St. Paul Street

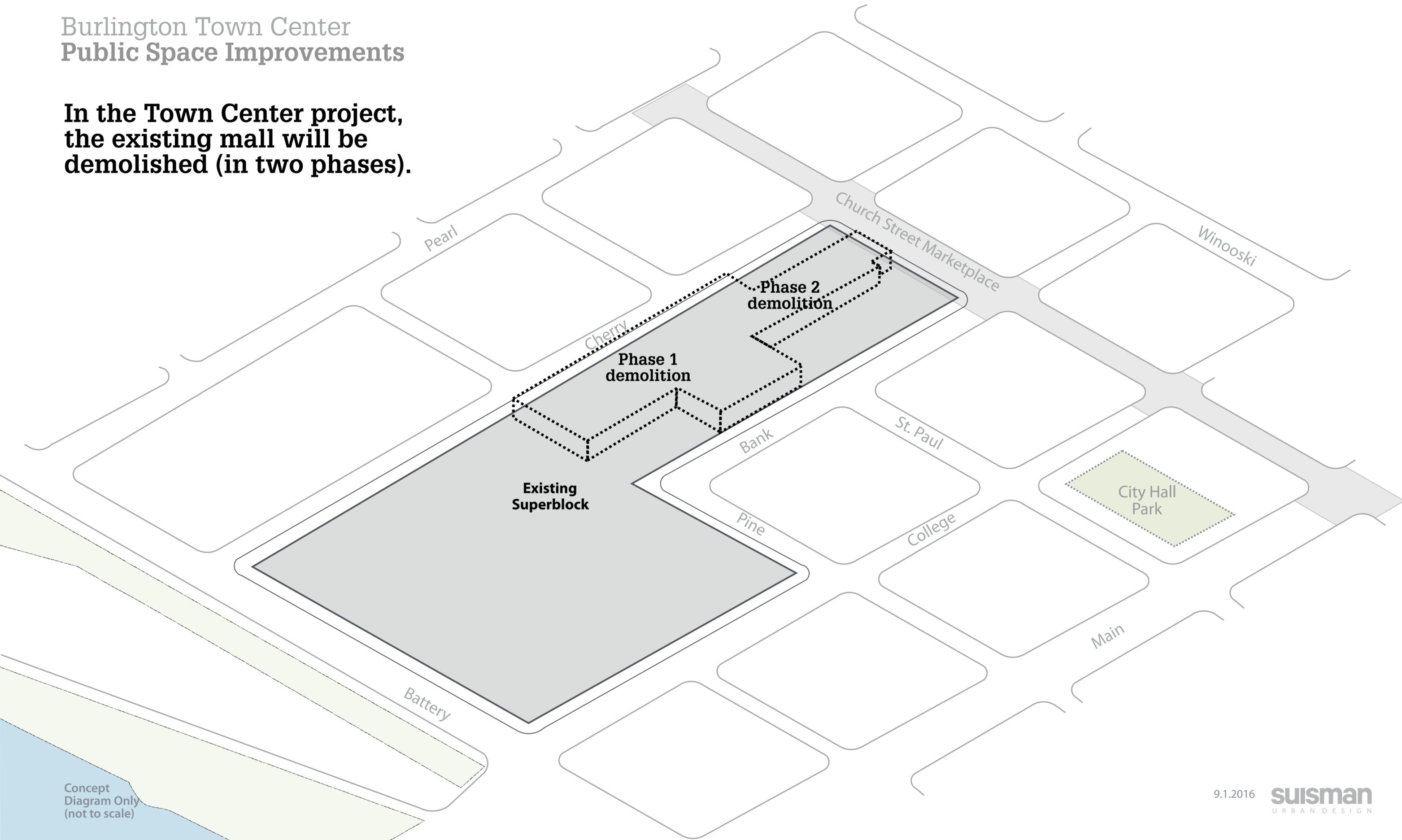
Burlington Town Center Public Space Improvements

**The 1970's superblock
and associated Town
Center project created
a "great wall" across
downtown.**



Burlington Town Center Public Space Improvements

**In the Town Center project,
the existing mall will be
demolished (in two phases).**



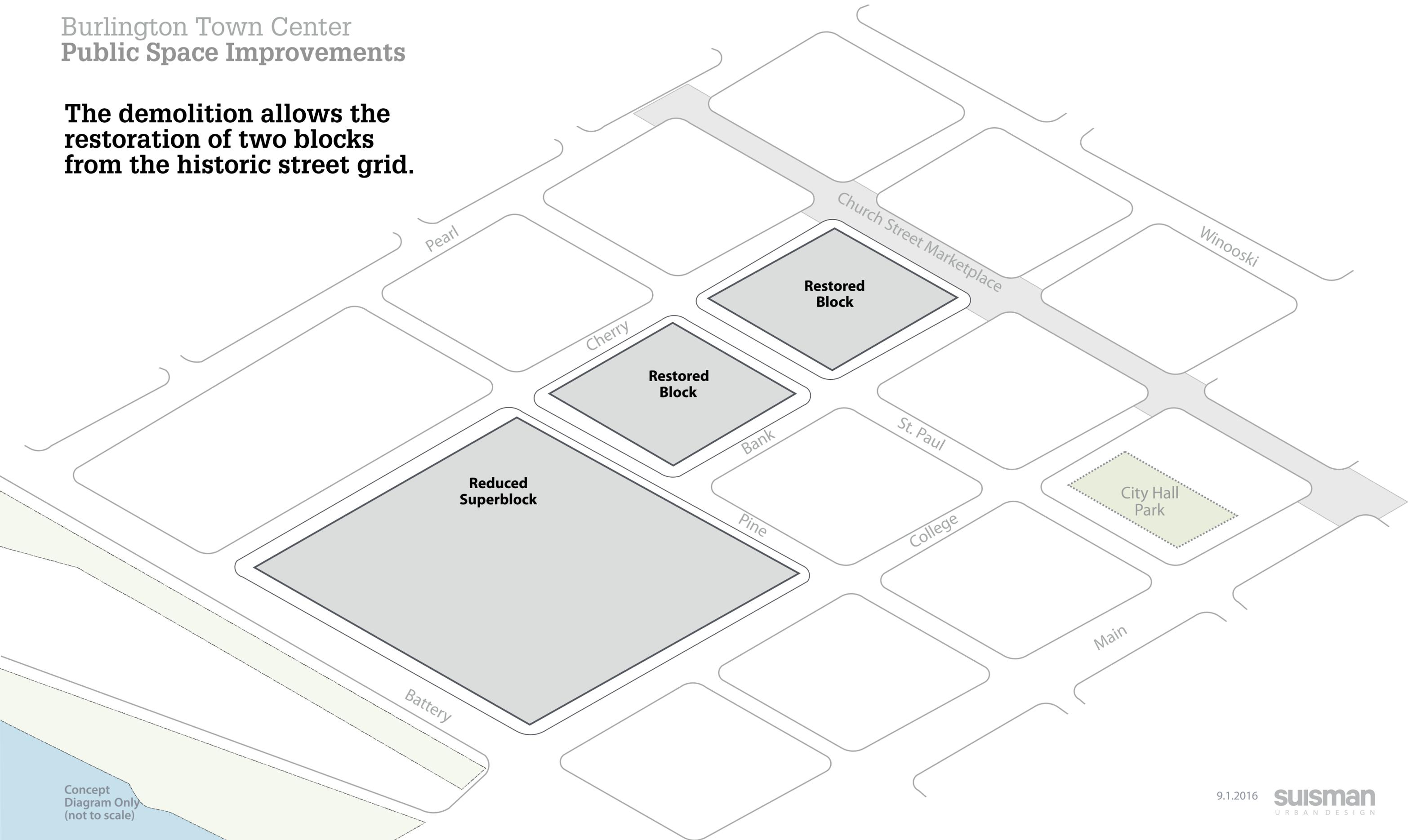
Concept
Diagram Only
(not to scale)

9.1.2016

suisman
URBAN DESIGN

Burlington Town Center Public Space Improvements

The demolition allows the restoration of two blocks from the historic street grid.



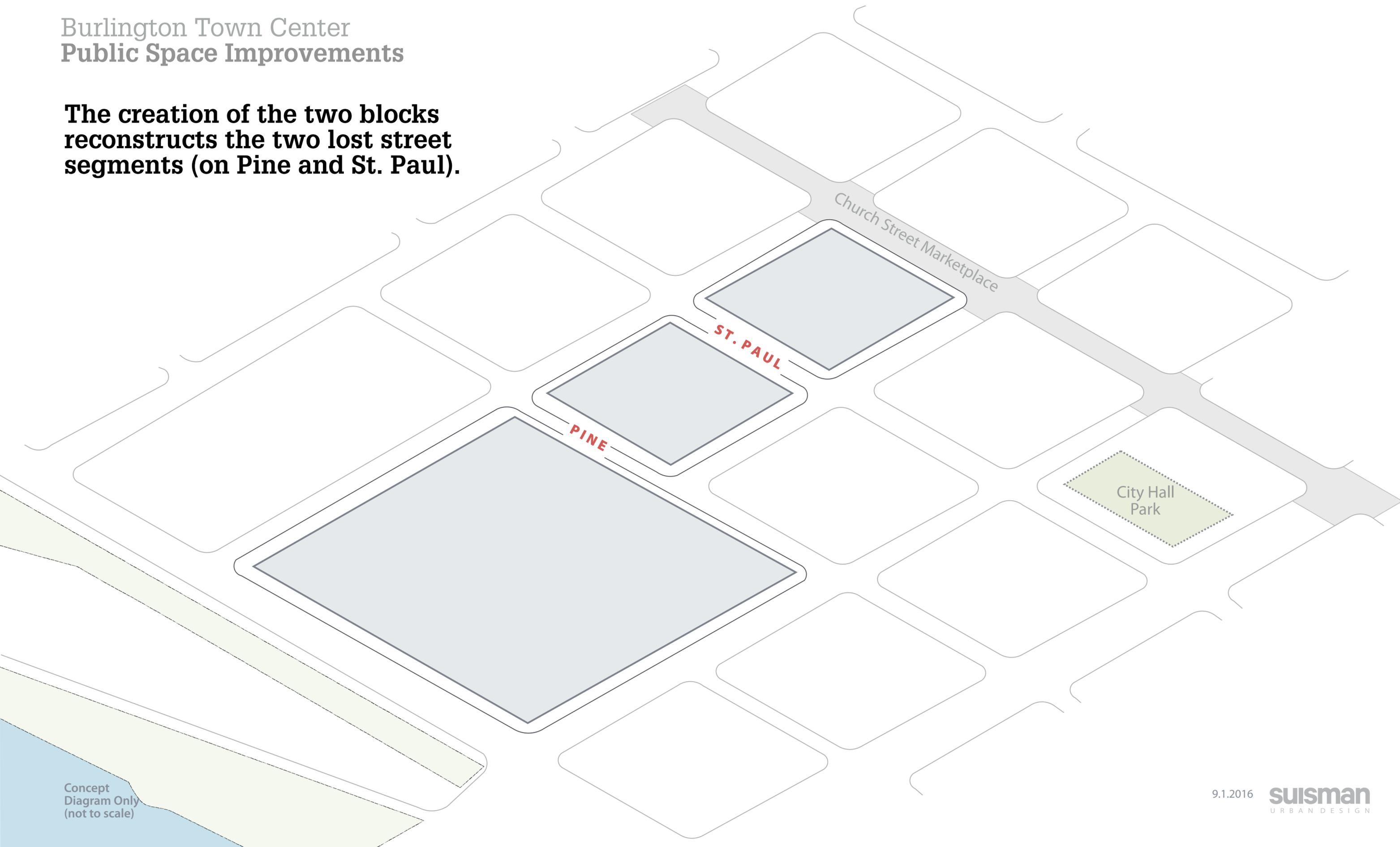
Concept
Diagram Only
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9.1.2016

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URBAN DESIGN

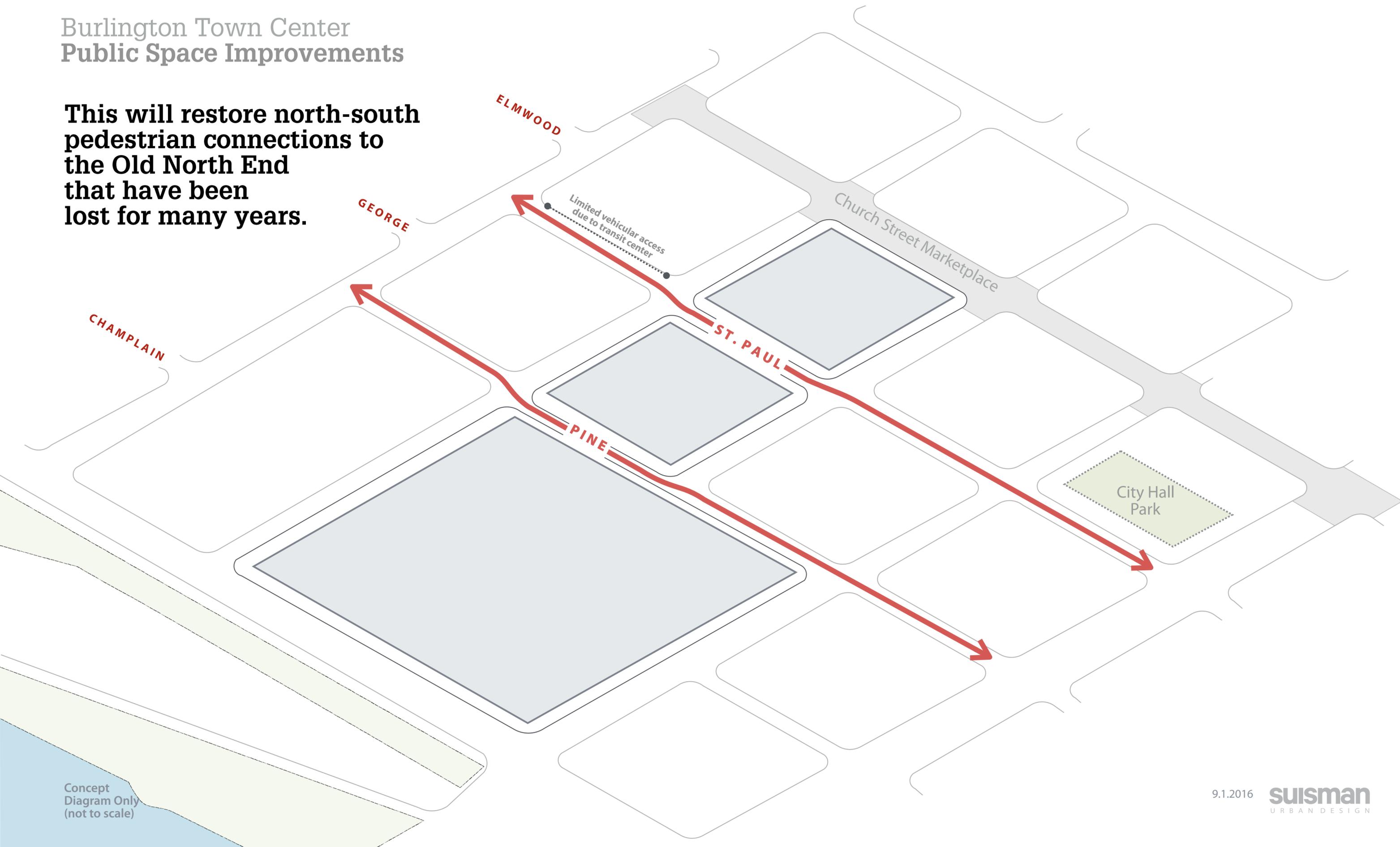
Burlington Town Center Public Space Improvements

**The creation of the two blocks
reconstructs the two lost street
segments (on Pine and St. Paul).**



Burlington Town Center Public Space Improvements

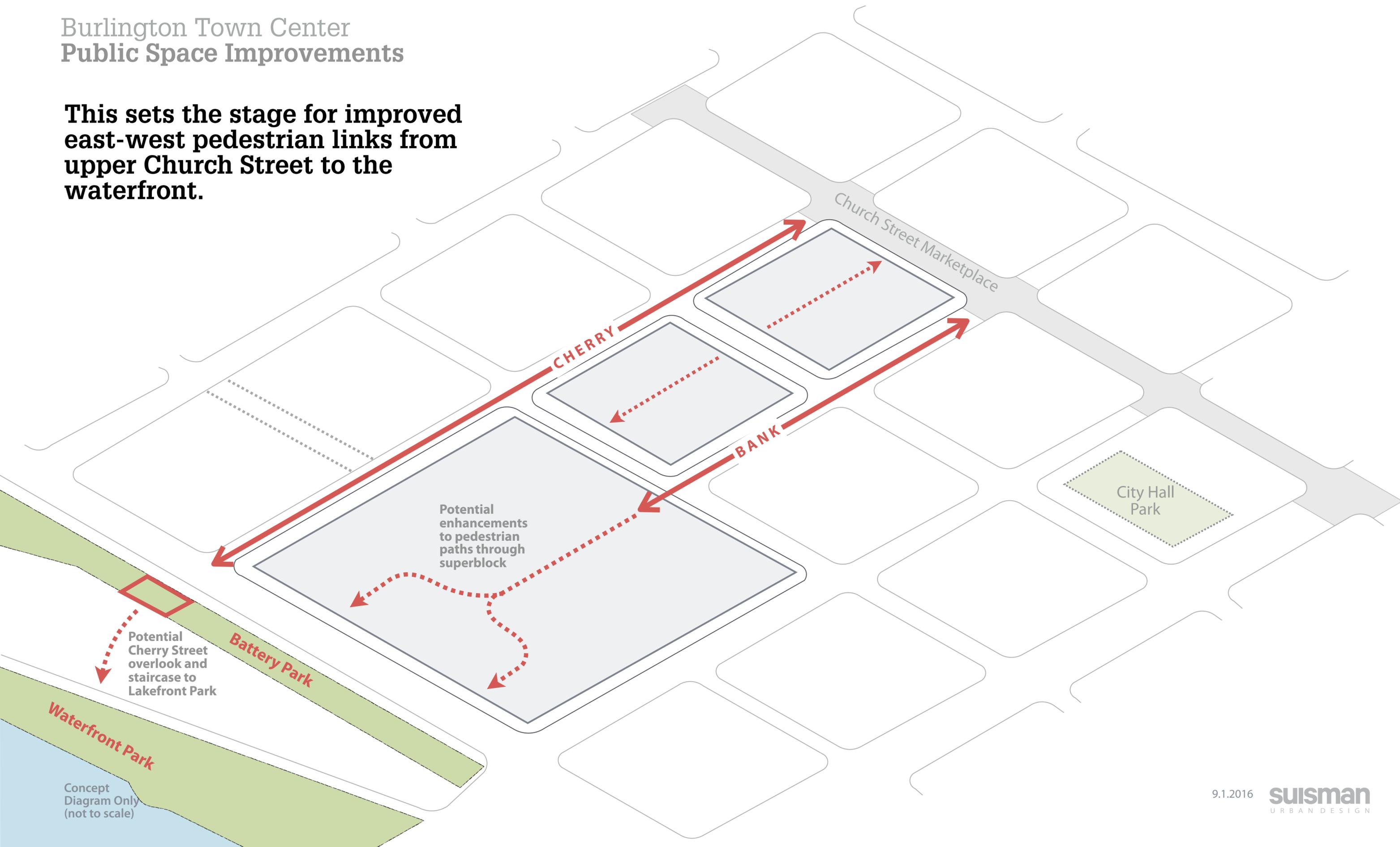
This will restore north-south pedestrian connections to the Old North End that have been lost for many years.



Concept
Diagram Only
(not to scale)

Burlington Town Center Public Space Improvements

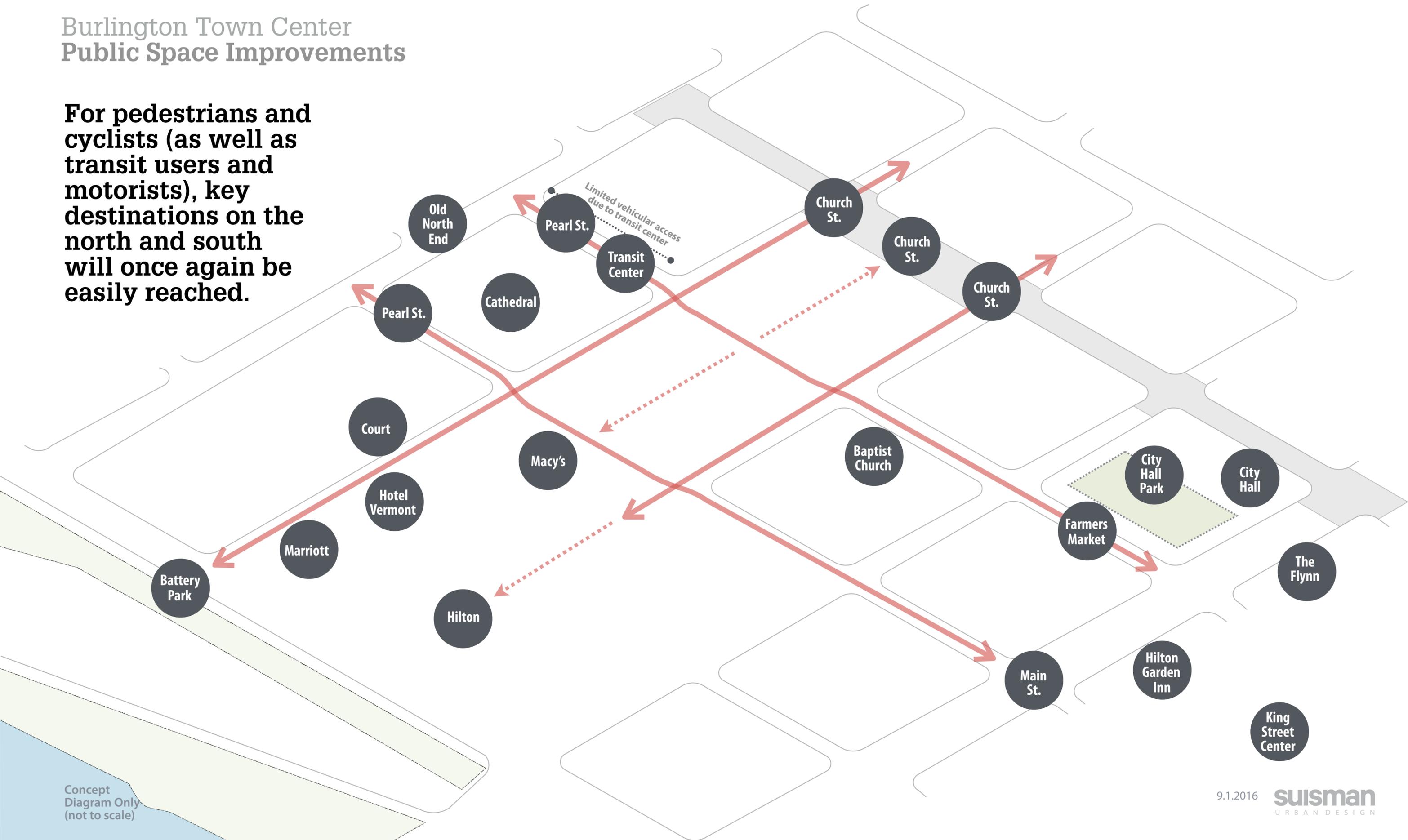
This sets the stage for improved east-west pedestrian links from upper Church Street to the waterfront.



Concept
Diagram Only
(not to scale)

Burlington Town Center Public Space Improvements

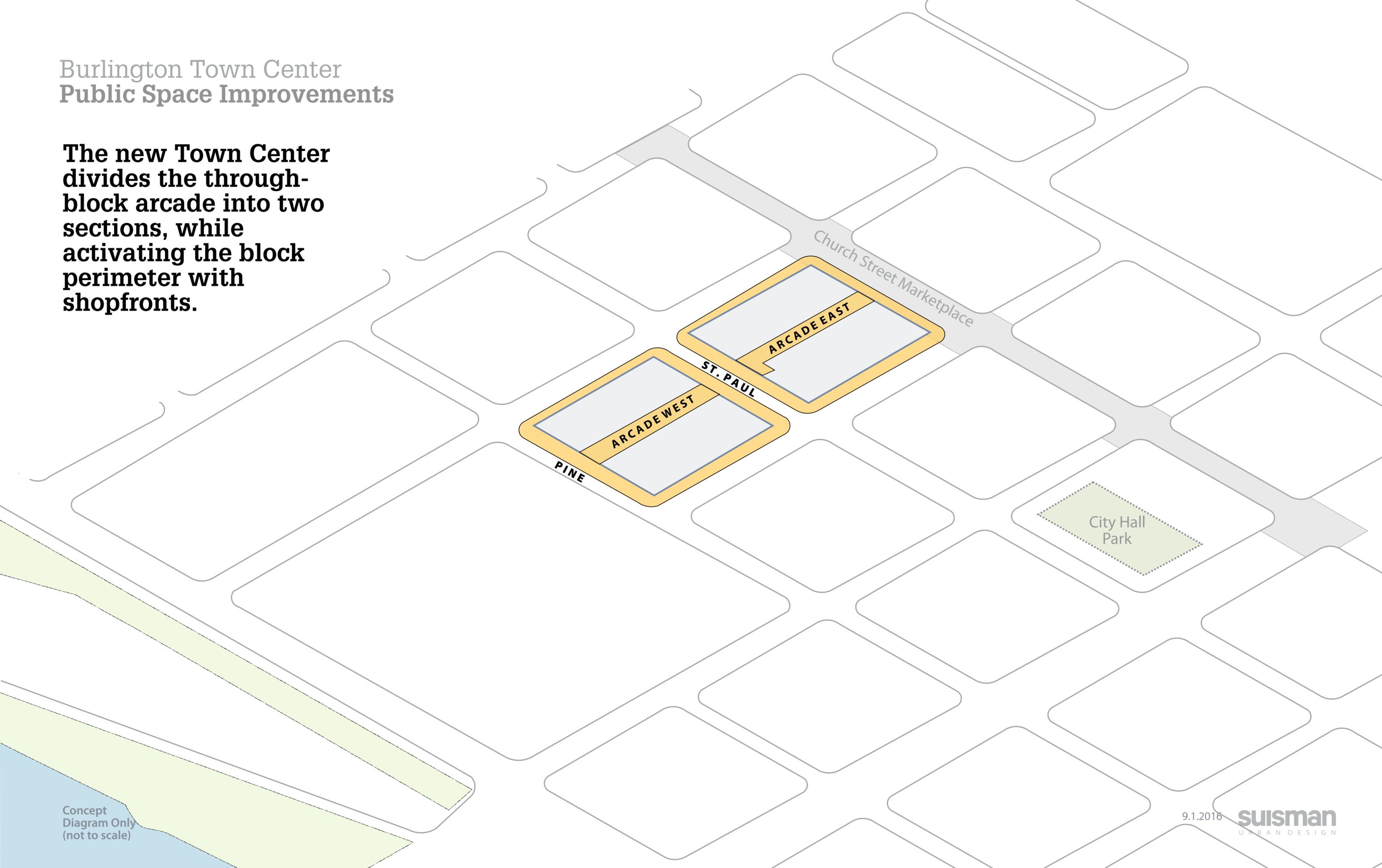
For pedestrians and cyclists (as well as transit users and motorists), key destinations on the north and south will once again be easily reached.



Concept
Diagram Only
(not to scale)

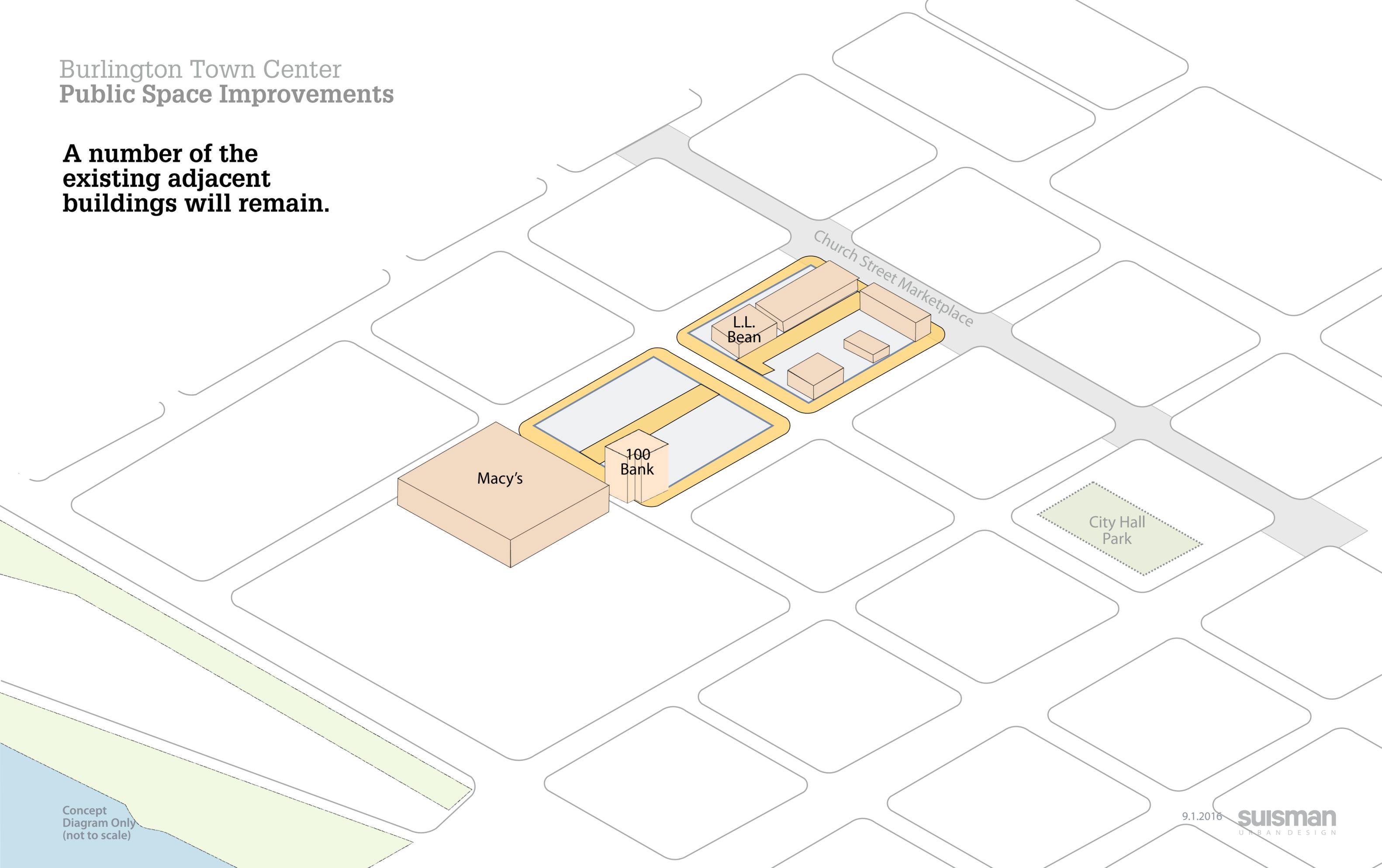
Burlington Town Center Public Space Improvements

The new Town Center divides the through-block arcade into two sections, while activating the block perimeter with shopfronts.



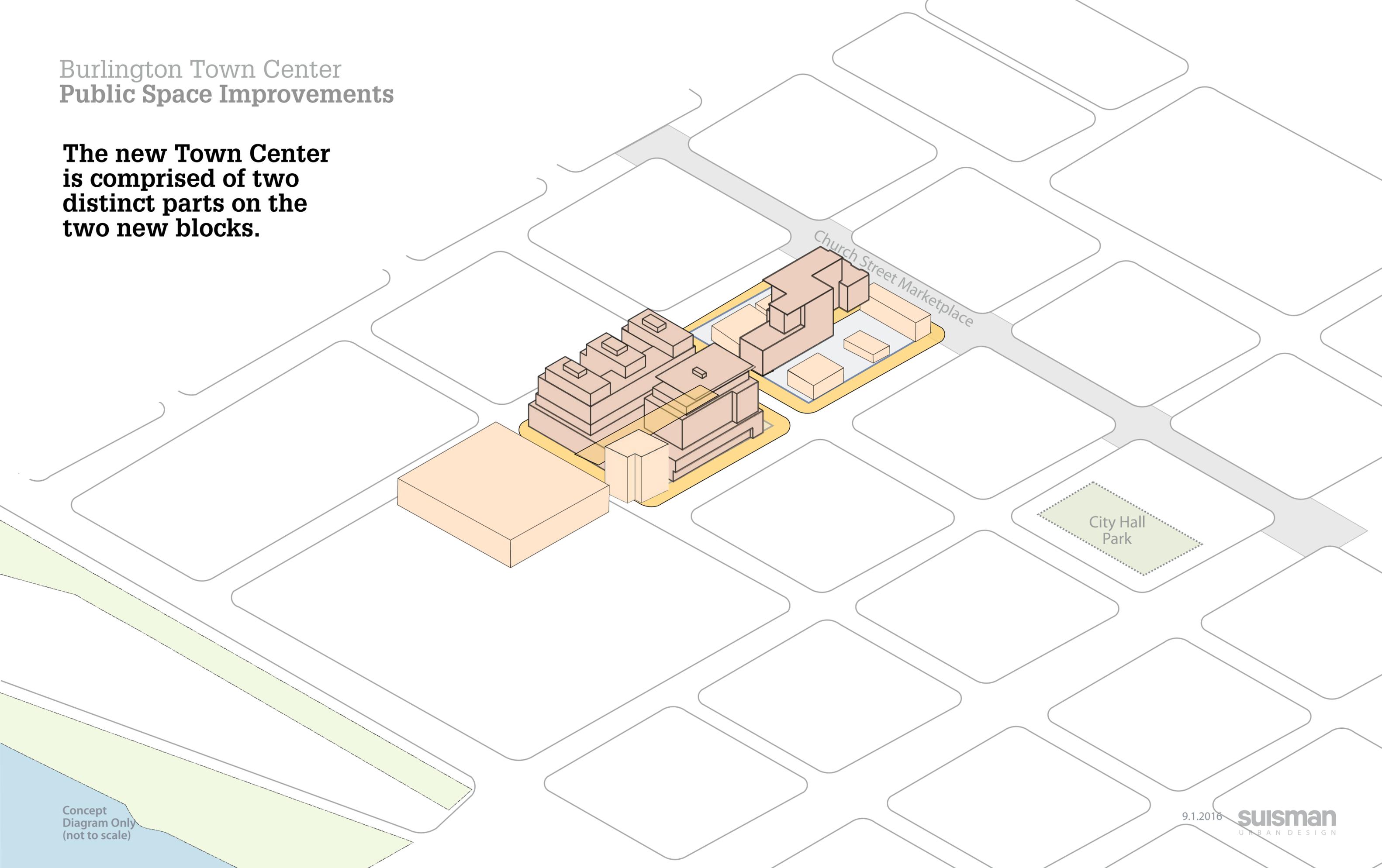
Burlington Town Center Public Space Improvements

**A number of the
existing adjacent
buildings will remain.**



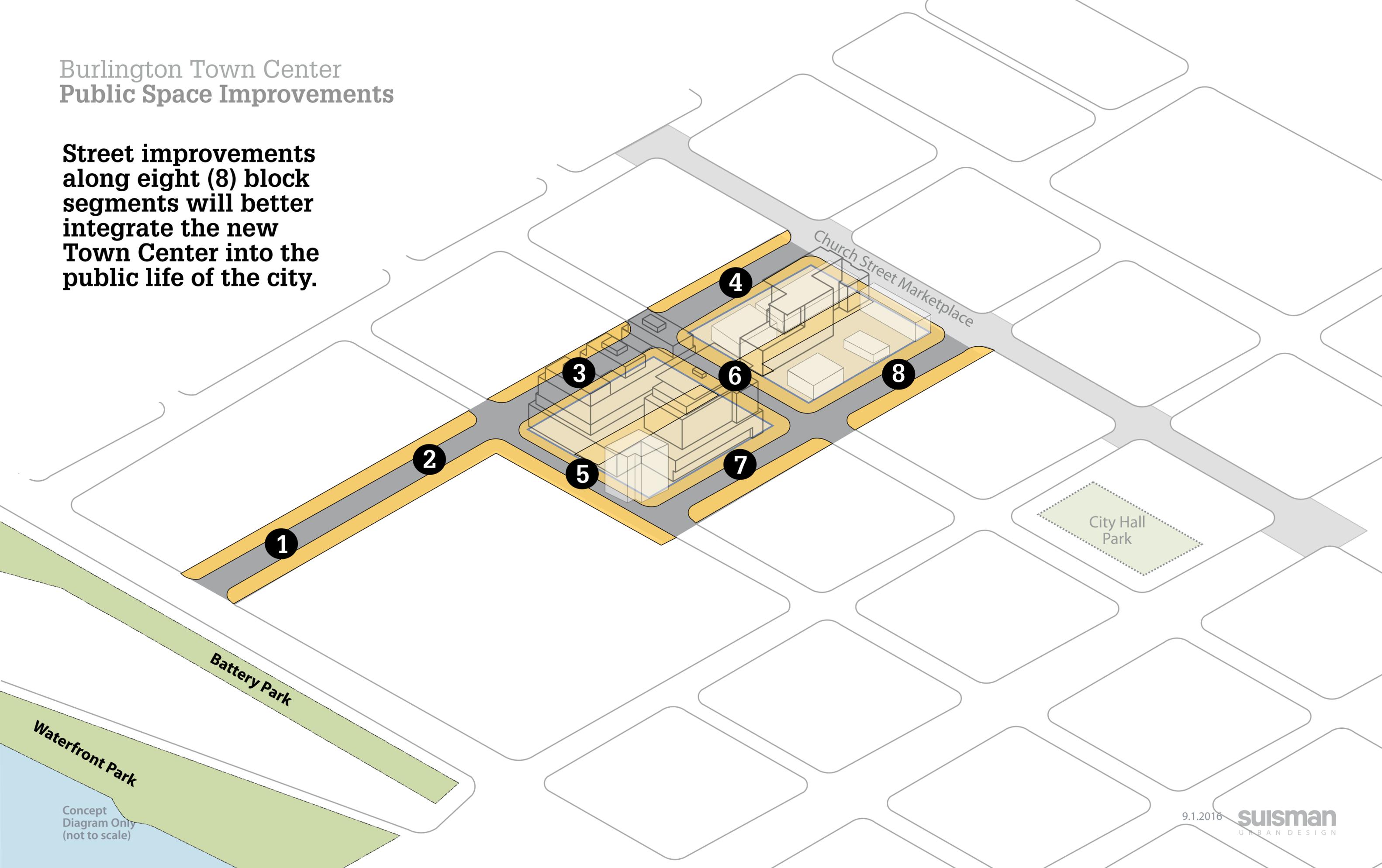
Burlington Town Center Public Space Improvements

**The new Town Center
is comprised of two
distinct parts on the
two new blocks.**



Burlington Town Center Public Space Improvements

Street improvements along eight (8) block segments will better integrate the new Town Center into the public life of the city.



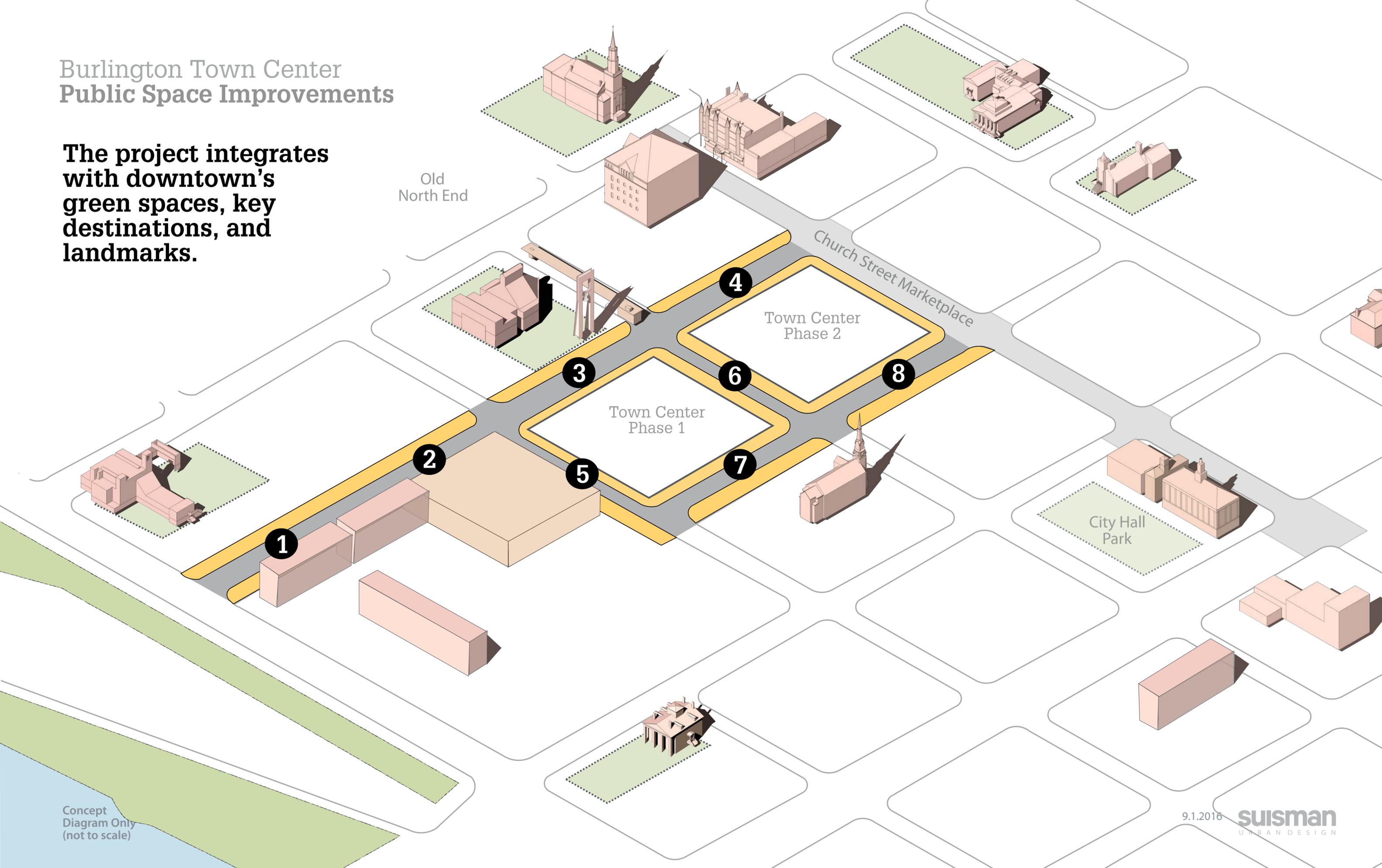
Concept
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URBAN DESIGN

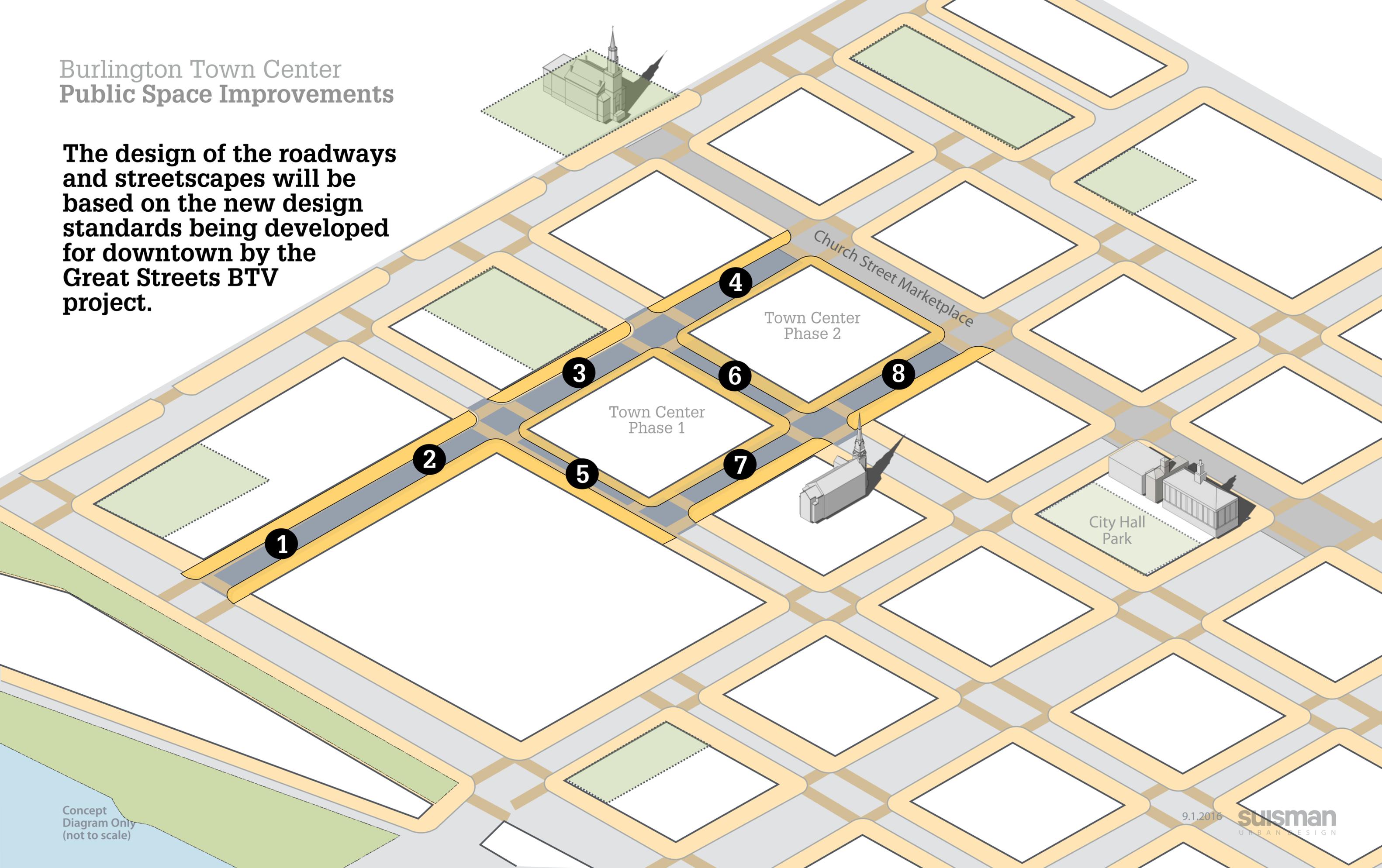
Burlington Town Center Public Space Improvements

The project integrates
with downtown's
green spaces, key
destinations, and
landmarks.



Burlington Town Center Public Space Improvements

The design of the roadways and streetscapes will be based on the new design standards being developed for downtown by the Great Streets BTV project.

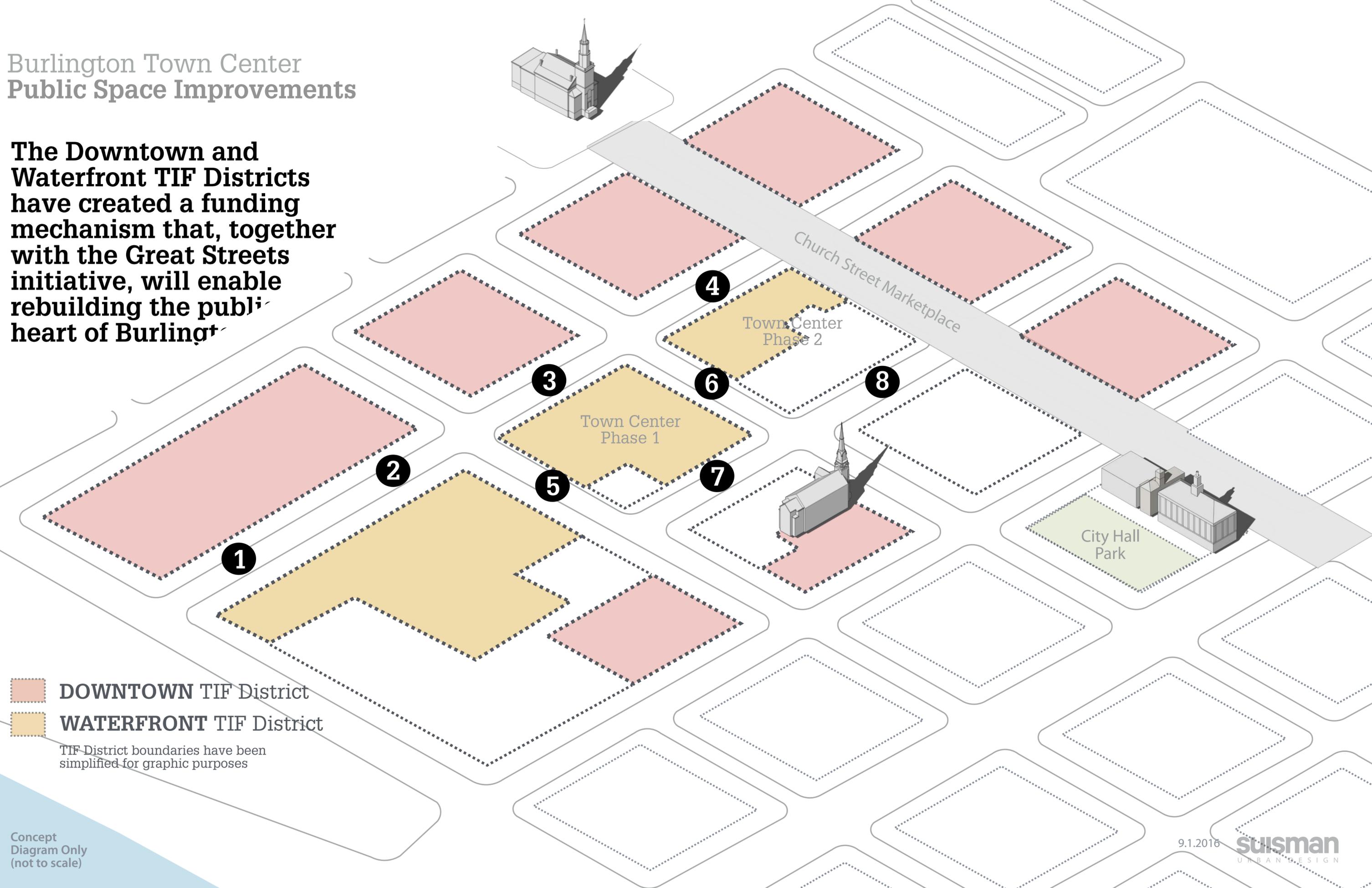


Burlington Town Center Public Space Improvements

The Downtown and Waterfront TIF Districts have created a funding mechanism that, together with the Great Streets initiative, will enable rebuilding the public heart of Burlington.

 DOWNTOWN TIF District
 WATERFRONT TIF District

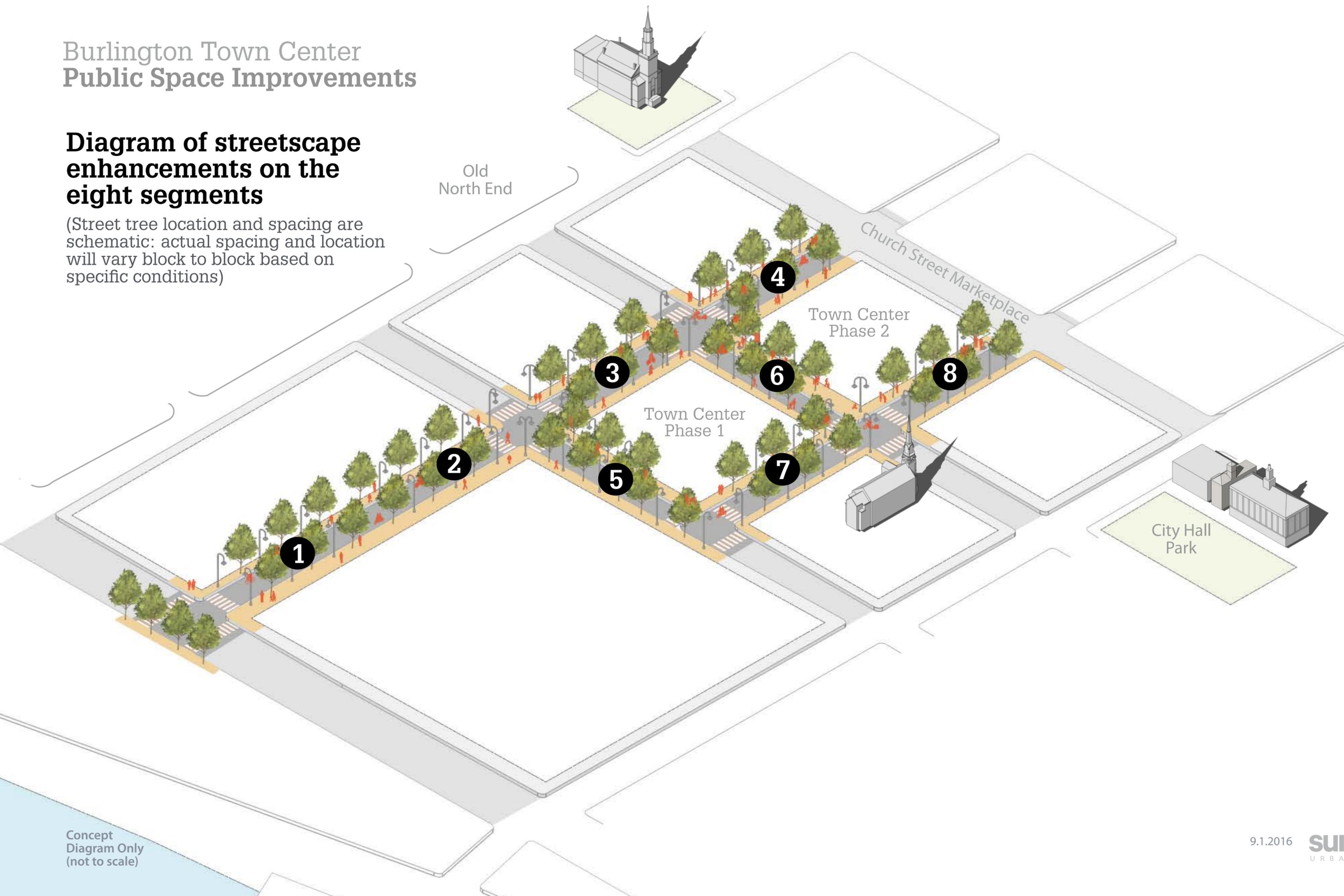
TIF District boundaries have been simplified for graphic purposes



Burlington Town Center Public Space Improvements

Diagram of streetscape enhancements on the eight segments

(Street tree location and spacing are schematic: actual spacing and location will vary block to block based on specific conditions)



Concept
Diagram Only
(not to scale)

9.1.2016

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URBAN DESIGN

Burlington Town Center Public Space Improvements

Typical Streetscape Features



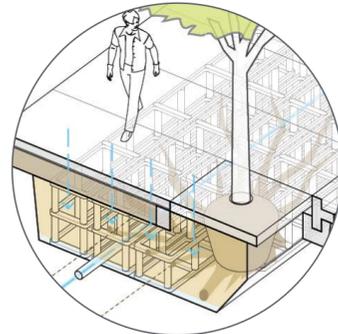
Active Street Frontage

presence of windows, doors, storefronts, awnings along sidewalks



Granite Curbs

locally sources, durable, handsome



Advanced Street Tree Installation

use of silva cells or structural soils for new trees in paved areas



Expanded Tree Canopy

major increase in trees, foliage, and shade from an approved list of species



Highlighting of Landmarks

landmarks recognized and features with view corridors, special lighting



Placemaking / Public Art

unique installations at key locations



Enhanced Crosswalks

special emphasis on safe and easy street crossing with wide, distinctive crosswalk treatments

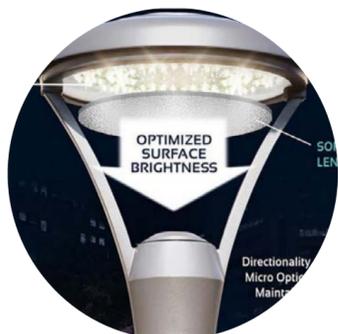


Snow Management

careful sidewalk design to accommodate snow plowing and storage

Enhanced Lighting

efficient and updated lighting for sidewalks and roadways



Concept Diagram Only (not to scale)

Rain Gardens

innovative handling of stormwater to slow and penetrate



Bike Lanes

investments in protected bike lanes along key routes



Efficient Parking

more efficient on-street parking spaces, and better use of existing off-street parking facilities



Transit Facilities

working with CCTA, integration of shelters and signage into the sidewalk landscape



Wider Sidewalks

widening and improving of sidewalks throughout downtown



Shared Space

special paving and bollards for places where vehicles and pedestrians share the space



Bike Parking

investments protected bike parking, and bike hubs

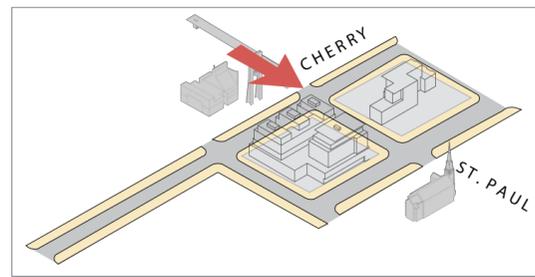


Burlington Town Center Public Space Improvements

View 1: Looking south from Transit Center at Cherry and St. Paul Streets

EXISTING

From Cherry Street, the existing mall blocks access to St. Paul Street (Baptist Church spire visible beyond).

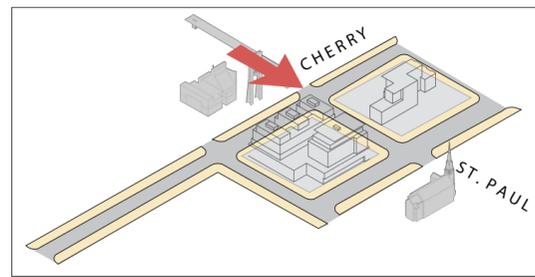


Burlington Town Center Public Space Improvements

View 1: Looking south from Transit Center at Cherry and St. Paul Streets

PROPOSED

The Town Center project will reopen St. Paul street, allowing unobstructed views of the church and direct access to City Hall Park. The project includes streetscape enhancements along St. Paul.

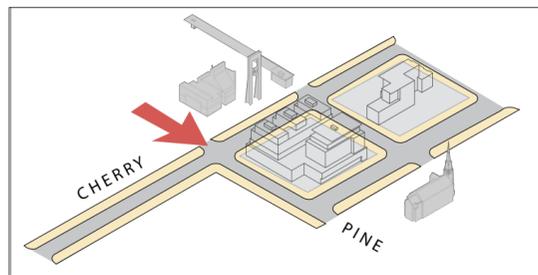


Streetscape shown is schematic only; actual design will be guided by the new downtown streetscape standards. The intent is to create "complete streets" that accommodate the needs of all users of all abilities — streets for vehicles, bicycles, pedestrians, and ADA accessibility.

note: street rises to connect east and west arcades at grade

Burlington Town Center Public Space Improvements

**View 2:
Looking south and west to the
lake, at the corner of Cherry
and Pine Streets**



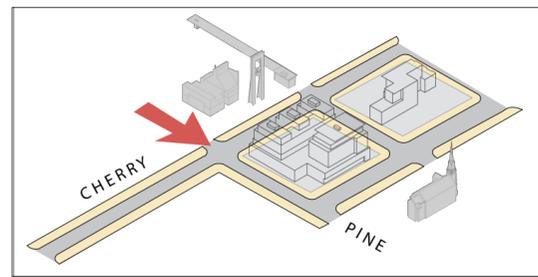
EXISTING

The existing mall entrance to the mall occupies Pine Street and prevents access to the south



Burlington Town Center Public Space Improvements

View 2: Looking south and west to the lake, at the corner of Cherry and Pine Streets



PROPOSED

The Town Center project will reconstruct the missing block of Pine Street, providing access to shops and to Macy's; the street will pass underneath the existing 100 Bank building to reach Bank Street. The project includes enhancements to Cherry Street (right) all the way to Battery Street .

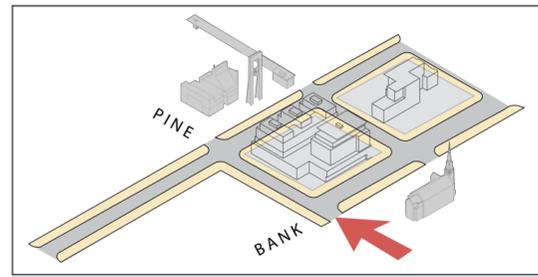
Streetscape shown is schematic only; actual design will be guided by the new downtown streetscape standards. The intent is to create "complete streets" that accommodate the needs of all users of all abilities — streets for vehicles, bicycles, pedestrians, and ADA accessibility.



note: this pathway would require at least partial closure of existing garage ramp

Burlington Town Center Public Space Improvements

**View 3:
Looking north along Pine Street
at the corner of Bank Street**



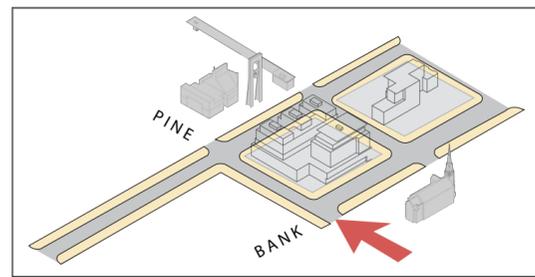
EXISTING

Pine Street currently is blocked at Bank Street.



Burlington Town Center Public Space Improvements

View 3: Looking north along Pine Street at the corner of Bank Street



PROPOSED

The Town Center project will reconstruct the missing block of Pine Street, providing access to shops and to Macy's; the street will pass underneath the existing 100 Bank building to reach Cherry Street. The project includes enhancements to Pine Street.

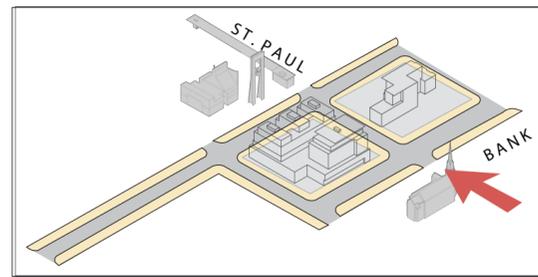
Streetscape shown is schematic only; actual design will be guided by the new downtown streetscape standards. The intent is to create "complete streets" that accommodate the needs of all users of all abilities — streets for vehicles, bicycles, pedestrians, and ADA accessibility.



note: this pathway would require at least partial closure of existing garage ramp

Burlington Town Center Public Space Improvements

View 4: Looking north along St. Paul Street at Bank Street



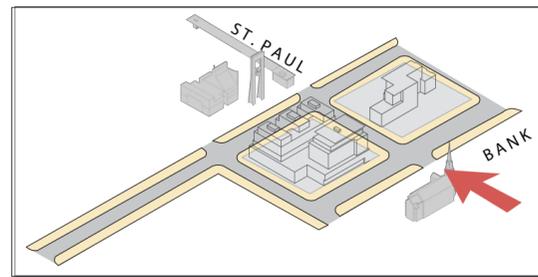
EXISTING

St. Paul Street currently terminates at Bank Street at a loading deck for Town Center, obstructing connections to the Cathedral, Transit Center and Old North End



Burlington Town Center Public Space Improvements

View 4: Looking north along St. Paul Street at Bank Street



PROPOSED

The Town Center project will reconstruct and reopen St. Paul Street for the first time in nearly half a century, and provide associated streetscape enhancements.

Streetscape shown is schematic only; actual design will be guided by the new downtown streetscape standards. The intent is to create "complete streets" that accommodate the needs of all users of all abilities — streets for vehicles, bicycles, pedestrians, and ADA accessibility.



note: street rises to connect east and west arcades at grade