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Prepared by Gehl June 20, 2016

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## Imagine a Columbia that:

01

Supports & Attracts Creative Talent



Is a Leader in the Region for Family Friendly Public Life











Columbia aspires to be a family-friendly, walkable, and bikeable downtown, and grow as an attractive hub for young, creative talent – competitive in the region with cities like Greenville SC, Raleigh NC, and Lexington KY.

What sets these cities as excellent benchmarks is that they are not afraid to try new things to invite public life. For Columbia to cultivate this exciting shift to a lively, people-first city, it will need to do the same: be bold and test new ways to attract more people downtown — and outside — while inviting them to stay longer. In other words: create everyday spaces and experiences for people.

Vibrant districts for people are not afraid to try new things, offering streets and spaces that invite us to stop and stay a while

## Good News: People Are on Board!

The City is thirsty to be out downtown, together. Events are popular and visioning efforts draw tremendous public imagination, rethinking downtown Columbia as a regional magnet for people. The city is not starting from scratch. Still, everyday public life remains relatively quiet. How might Columbia bridge this gap between an event-based city and one that hums with daily public life?



The public support and energy is there for a more dynamic downtown public life. People want it, and they show their enthusiasm by 'voting with their feet' during city events. Here are examples of Columbia at its most active, during events like First Thursdays and Soda City, How can Columbia invite some of the energy of events into its everyday public life?







# This is where Gehl enters.

We help imagine the untapped potential in the space between buildings. How can they work together to create a more magnetic downtown, rich with Public Life?

We start with an honest look at how people experience Downtown Columbia today to understand how it can change to better support people *first* tomorrow.



# PUBLIC REALM

In the Fall of 2015 and Winter of 2016, Gehl Studio, with the support of the Knight Foundation, conducted a series of public workshops, pop-up "sidewalkshops" and online engagement. Listening and learning from a wide cross-section of Columbians helped to identify where to look and what to measure. Where are the hot spots? Where do people steer clear? And what do Columbians want in their public realm?

From there, we conducted a Public Space Public Life (PSPL) Survey to observe and measure what everyday life is like in the city. We looked at how people move through the city on foot and bicycle; where they stay, for how long, and what they are doing.





















#### On the Vista

"I love the way it is getting more active and growing and changing. The potential is great too."

#### On Main Street

"It has a combination of history, art, vitality, and has a good pedestrian scale."

#### On the Riverfront

"It is nature right in the city, a peaceful and lovely place to go, at once convenient and secluded as well as solitary but with other people."

We started with a look at quality. What qualities do Columbians cherish most in their public space? Distilled from hundreds of public responses, key spatial qualities and shared values rose to the top, forming the foundation of what Columbians aspire for in their public spaces.

These can been seen as a guide for what future public spaces ought to pursue.

SHARED VALUES

Residents are proud of maintaining and defining local identity (ies).

There is a collective delight in Columbia's natural resources.

When there is a reason to come together, Columbians do it enthusiastically.

People want to expand their options to get around safely (biking and walking)

There is a collective curiosity, a thirst for places to draw you in, surprise you, and make you smile.

Families want to feel invited, that includes places for kids and their parents.

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With a clear picture of the qualities that Columbians aspire for their public realm, we then looked at public spaces in Columbia: where do people go and spend time today? What qualities draw people to these places?

We captured over 200 responses. These favorite places are categorized on the map by:

- Places I Go To Learn Or Be
- Places I Go To Relax
   Retreat
- Places I Go To Eat, Drink, Shop, Socialize
- Places I Wish I Could Spend More Time



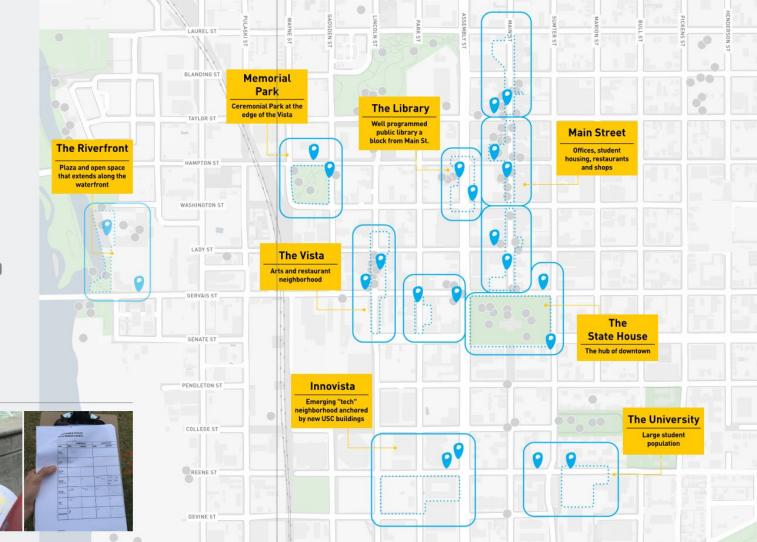


Clusters of activity started to emerge largely along Main street, the Vista and the Riverfront. But how are they supporting and inviting public life now? How can they improve for more in the future?

Based on public feedback, we identified 11 focus areas (22 specific survey locations) for a Public Space Public Life survey, an architectural ethnographic analysis of the city that Gehl has employed around the world.

50 volunteers from various city departments and the university, as well as local urban enthusiasts, helped survey 20 locations over two days in Columbia.

Because a flood closed the Riverfront to the public, volunteers were unable to survey that area.





# How Are People Moving in Columbia?





Morning Commute

These illustrative heat maps visualize how Columbia's foot traffic swells and dissipates throughout the day at key times. The morning commute

is characterized by quiet pedestrian (ped) volumes throughout the district. Activity around the university is the exception.



Commute Home

Main Street by the State House sees its highest volume as people commute home or head out for happy hour.

Over 1,000 ped/hour at Assembly and Greene are mostly students going home to student housing after school.



Lunch Break

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With over 1,200 ped/hour, lunch is one of the busiest times during the week. Hotspots include the university, Main St and Lincoln St.



Нарру Hour

During the week, the hours after work see more people linger. The happy hour crowd energizes parts of Main Street and Lincoln.

#### Jaywalking.

Besides football, jaywalking might be the most popular sport in town. Columbians know where they're going, and they like to get there as quickly as possible. Every key intersection we surveyed saw significant jaywalking. Some, like those on Greene, Main, and Assembly, had over 1,000 people a day crossing against the "walk" signal or crossing mid-block.

Senate / Greene

Assembly / Greene

Main / Washington

Main / Taylor

Assembly / Hampton

Lincoln / Gervais

Sumter / Senate

Main / Gervais

Assembly / Gervais

- weekday weekend

> Wait. Wait. Walk fast!! A word on signal timing.

One of the key issues is that signal timing leaves very little time for people to cross the street without walking against a no-walk signal.

60 seconds

Walk! Wait... wait

(Example from Assembly / Greene)





Morning Market

Weekend mornings see two strong nodes of activity: Soda City market on Main Street and the academic buildings near Assembly and Greene. The rest of the district is very quiet.



Evening

The early afternoon leading to the evening sees downtown remain quiet. A stark contrast from the morning market. But, like the morning,

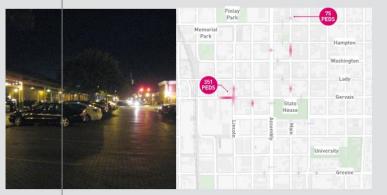
Assembly and Greene sees over 1100 pedestrians as students head home.



Lunch Time

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As the market powers down, so does the rest of downtown. Some people remain on Main Street, lingering by Boyd Plaza, but generally people leave.



Where is

At night, people are out and parking lots are full, but few people are seen everyone... walking around downtown. The Vista sees some activity, but this does not match the energy in the restaurants and bars. How can we invite people to stick around and walk a bit more?

#### Men and Women Downtown.

Columbia has a consistently greater proportion of women to men on the weekend. This is likely because weekend events create a family friendly atmosphere and a destination.



- weekday
- A. Main / Taylor
  B. Main / Washington
  C. Main / Lady
  D. Assembly / Hampton
  E. Sumter / Senate

- F. Lincoln / Gervais G. Assembly / Greene H. Senate / Greene

## IN COMPARISON

#### Columbia, SC Main Street

Peak: 672 per hour Average: 312 per hour





When downtown Columbia is hosting an event, its peak pedestrian activity rivals the volume of activity in other great, similar sized cities (and even some notable larger cities, like Philadelphia). In other words, when people are invited, people head out. The rest of the day, however, is much quieter than comparable cities.

#### Lexington, KY Short Street

Peak: 1092 per hour Average: 424 per hour





#### Charlotte, NC Trade & Tryon Street

Peak: 900 per hour Average: 533 per hour

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#### Philadelphia, PA Market Street

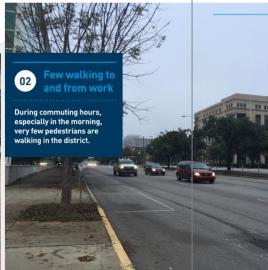
Peak: 1470 per hour Average: 668 per hour





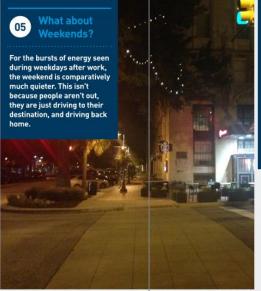
















Peak: 72 per hour Average: 6 per hour

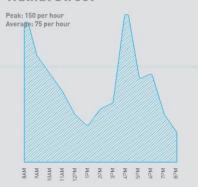




#### No Separation

While the average number of cyclists per hour is low - 6 cyclists an hour - looking at Columbia's key streets together, there is evidence of a latent demand for cycling. At their peak, some streets see 40+ cyclists an hour. This occurs despite a lack of protected bicycle infrastructure.

#### Philadelphia Walnut Street





#### **Bollard Separation**

A simple bollard-protected bike land on busy Walnut Street in Philadelphia helps make cyclists feel safe and visible.

#### Denver 15th Street

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Peak: 108 per hour Average: 63 per hour 



#### **Bollard and Paint**

Enhanced visibility in Denver further reduces the stress of cycling in the city, defining a clear path forward.

#### **Bike Routes**

Everything is so close in Columbia, but many destinations feel far away from each other. Bicycling collapses distances and helps overcome these perceived distances. Below are a few examples of "favorite" destinations linked in less than 10 minutes by bike.



9mins!



5mins





7mins!

04

## TAKEAWAYS





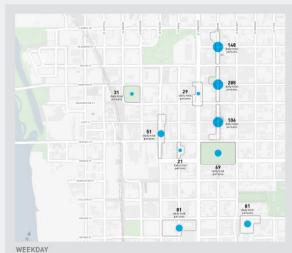
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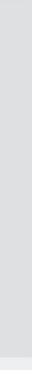
# How Are People Staying in Columbia?



WEEKEND

#### Total Volume

These maps illustrate the total number of people staying in a given location throughout the day. In general, more people are lingering and spending time on the weekend than on weekdays. Of particular note is Main Street, which during events, such as Soda City, Greek Fest, and St. Pats draws more than every other place combined.



Over 100 more

people stay on

Main street than all the other

spaces surveyed





#### Stickiness

These maps illustrate how many people stay and linger at a given place compared to the number that walk by. We call this stickiness. Comparing staying against pedestrian flow sheds some insight on how inviting a space is. In Columbia, with the exception of Main Street and the Statehouse, which attract about 1 of every 5 people, few places attract more than 1 in every 40 people that walk by. That's less than 3%. But, without many places to sit and stay, streets are designed less as places and more as corridors to move through.



What are people doing in public space? Standing



A closer look at staying activity in Columbia shows that 65% of people who stick around a place are standing. If there were more options to sit, then people would stay longer.

Including bus stops, restaurant outdoor seating, plazas, and private courtyards, Main Street has 262 places to sit. But 90% of these seats are private. This highlights a significant need. There are only about 30 public seats on Main Street for an area that sees up to 700 pedestrians an hour.

0% of seati





Non-event average

Soda City

First Thursday

Two of Columbia's most popular events show a great increase in staying activity. But still, most people are standing.

## TAKEAWAYS















# How does Space support People?

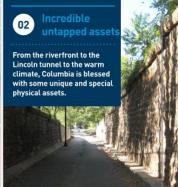
While Columbia has some beautifully maintained streetscapes, great historic buildings, and a strongly programmed downtown event cycle, there are some prevailing challenges. As part of the PSPL survey, public space qualities were documented and qualified. Here are some key characteristics that rose to the top.

There is great demand for public life in Columbia, why don't we see it more daily?

Let's look at the quality of the supply.

## TAKEAWAYS







signage for

Signage is auto oriented. There are few markers for

people to find their way to

Columbia's great assets.



06







Columbia has a lot of the pieces, they just need to be connected, leveraged, and celebrated – without spreading them out too thin. Guided by 6 Public Space Public Life strategies, Downtown Columbia can establish and reinforce a diverse network of public places and streets to create an inviting district for people.



DEFINE A
PEOPLE-FIRST
CORE



PARK ONCE



EMBRACE YOUR WATERFRONT & NATURAL ASSETS



FIND YOUR EAST-WEST CONNECTOR



CELEBRATE
AND ENRICH
YOUR HUBS

06

CREATE STEPPING STONES IN BETWEEN



Define a core where pedestrian, cyclist, and transit experiences are prioritized ahead of auto efficiency. Pedestrian intersection improvements, including signal timing and crosswalks, should be prioritized within this core.

#### Safe and Slow Streets

- Reduce traffic speeds to 25 mph.
- Create visible crosswalks at key intersections.
- Ensure sidewalks are complete and in good condition.
- Make longer, more people friendly signal timing.
- Implement traffic calming.

#### Bicycle Network

- Prioritize improved bicycle infrastructure and bike lanes within the core.



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People drive in and out of Columbia. That's okay. To make room for pedestrians in the 'people core', however, Columbia should find creative ways to encourage parking in the city just once - and walking from destination to destination from there. This strategy should focus on key parking spaces and lots at the edge of the people core that link into important streets like Main, Lady, and Lincoln.

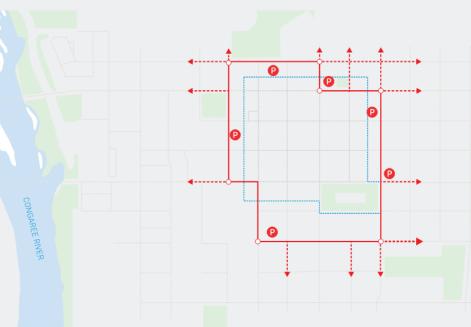
#### **Key Car Parks**

- Identify key parking lots at the periphery of the pedestrian core and pilot incentives such as inexpensive or free tolls in these lots.
- Couple this with no free parking in the core.

#### Around, not Though

- Traffic mobility through the core should not be prioritized.







Use what you've got. Columbia can celebrate its natural assets, embrace the warm climate, and leverage the great access to water as a defining and differentiating feature of the city. Denver and other active cities can provide inspiration and strategies that enmesh nature and recreation in the urban fabric.

#### Riverfront as an Urban Amenity

 Make the waterfront part of the city's network of parks and public spaces, not just a destination to drive to.

#### Connective Tissue

 Improve pedestrian and bicycling connections to the waterfront and other key parks downtown, foe example, Finlay and the Statehouse.

#### Warm Climate

 With the city's warm climate, working outside can be part of everyday life. Support this with great shaded spaces, tables and seating.



Columbia has great stuff on both east and west. Now it's time to connect them. The city's strong north-south people corridors — Main Street, Lincoln Street, and the waterfront — are not brought together by any clear link. Columbia should look to Lady Street as a human scaled street to bring people from east to west.

#### **Event Life**

 Make Lady Street an event space similar to Main Street to pilot new activities and make it part of people's mental map of the city as a place for people before cars.

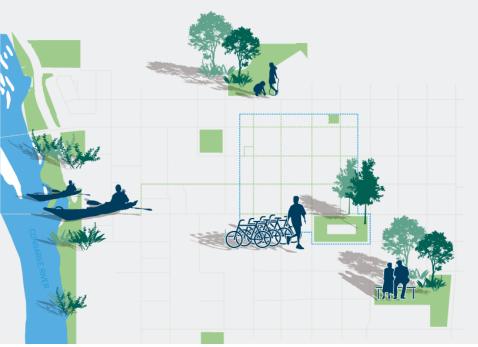
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#### People First Wayfinding

- Direct people to and along Lady with clear, fun, vernacular wayfinding for people, e.g. "2 blocks to Lincoln Street!"

#### Cars Second

 Take cues from Columbia's other people friendly streets, Lincoln Street and Main Street. Cars are permitted but their mobility is not prioritized.







Before developing new hubs and centers of activity, enrich existing hotspots within the core to build momentum while broadening amenities so they feel more welcoming and safer for families and people of all ages, young and old.

#### More Places to Stay

- Expand public seating
   Ensure facades are active on
- pedestrian corridors

#### More Places to Play

 Find places downtown to be active, and where families can bring children to play.

#### More Places to Work

 WiFi is available downtown, now encourages people to work outside with tables, chairs and shade (umbrellas)



Make places feel as close as they are. Key hubs in Columbia are within a 5- to 10-minute walk or bike ride from each other, but they feel farther and it's not always clear how to get from A to B. Make it clear and inviting by laying "stepping stones" in between key destinations.

#### People First Wayfinding

 Direct people to and along Lady Street with clear, fun, vernacular wayfinding for people, e.g. "2 blocks to Lincoln Street".

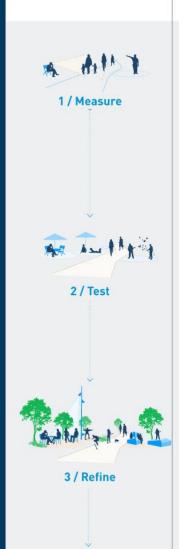
#### Moments of Art and Delight

 Fill in the gaps between two hubs of activity with engaging art pieces and creative street furnishing.



## **Testing Strategies** through Pilot **Projects**

To realize these strategies, a series of temporary pilot projects, carried out in an iterative process, can generate buzz and begin to set the groundwork for a district that puts people first in the public realm.





The following low-cost, high-impact pilot projects are prototypes that can be experienced, measured, and evaluated for refinement by the City of Columbia, the Community Foundation, and other partners and local champions. Developed to meet the five PSPL strategic objectives, each project invites stakeholders and users to see new possibilities and test ideas in the district. The intention is to attract new users to stay and begin to develop an identity for Downtown Columbia as a vital people-first place.

By making people a part of the pilot project process, Columbia can start to build consensus and excitement around improvements, creating a case for longer-term interventions. Set within a framework that focuses Columbia's energy within a defined pedestrian core, the pilots work together to leverage existing assets, fill in the gaps, connect east and west, and create new meeting places that invite more people to stay, and stay longer.

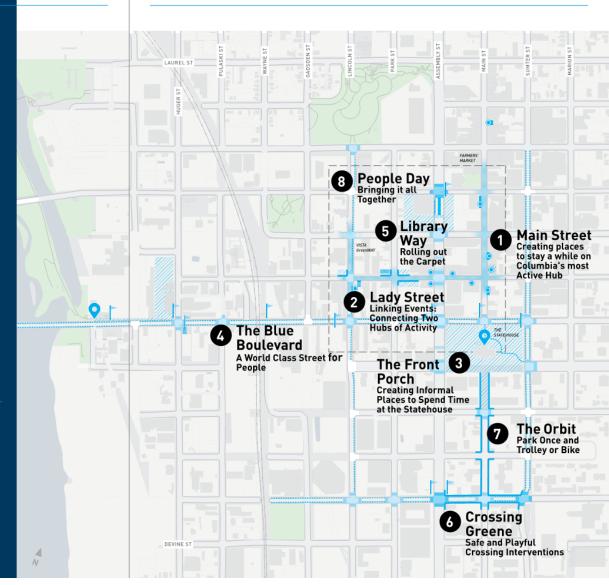
### Priority Pilot Areas

These 3 areas rose to the top for their potential impact.

- Main Street
  Creating invitations to stay and rest
- 02 Lady Street
  Connecting anchors through program
- The Front Porch
  Creating an inviting asset for families

#### Opportunity Areas

- The Blue Boulevard
   Connecting people to the waterfront
- Library Way
   Allowing for moments of delight
- Crossing Greene
   Creating safe and fun crossings
- The Orbit
   Park once and take trolley loop
- People Day
   Layering all initiatives on one day or weekend to show what's possible



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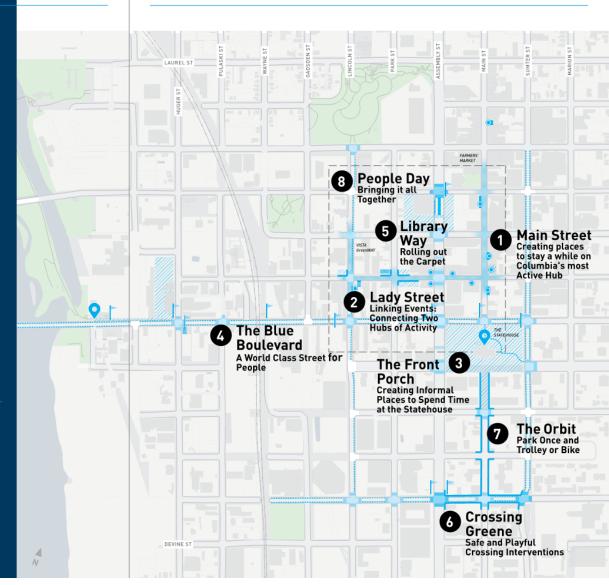
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# WHERE TO START -NOW

To focus on three pilot areas, we engaged key stakeholders, city officials, and the broader public to help refine and prioritize some initial hunches for how to invite for public life. Participating in a generative charrette session centered around eight hunches, we wanted to know which had the greatest potential and which resonated most.

Building on the six guiding strategies to carry forward Columbia's Public Space Public Life framework plan, all eight ideas found their respective champions, and each should be considered key opportunities to move forward. But, rising to the surface were: Main Street, Lady Street, and The State House.







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Over 100 people at First Thursday on Main Street stopped by to share their thoughts and preferences on the pilot hunches, helping us zero in on three ideas to dive deeper into.

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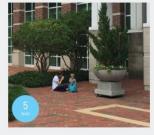


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#### Leisure duration

Along Main Street there are a number of spaces and extra wide sidewalks perfect for different types of leisure. To start, focus seating on Main Street between Lady and Washington.





#### 5-minute pit-stop

Areas along Main Street for the informal quick stop and chat. These can be simple secondary seating options that connect to existing infrastructure.



#### 15-minute meeting place

A small nook, similar to a parklet, with tables, chairs, lighting, and a food kiosk. These should be on the widest portions of Main Street's sidewalks. This type of seating space should be prioritized.



#### 30+ minute hang out

Places for people to sit outside, have lunch, and hang out with friends without having to pay for a restaurant table are few and far between on Main Street. But the demand is there. WiFi is advertised along Main Street, but there are no comfortable places to sit, surf the web, or do some work outside. Make the green space at Lady and Main a comfortable area for gathering and working outside. Include kiosk and other inexpensive pop-up amenities.

57

Seating types Examples of seating options for each space type.

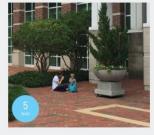


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### LADY STREET

Share the Love: program parallel events on Main and Lincoln Street, while creating stepping stones along Lady Street to draw people along.

Columbia. Over 7,000 pedestrians walk through and visit Soda City on Main Street for example. But it remains concentrated, focused on one or two blocks of Main. There is an opportunity to leverage this energy and draw people west along Lady with an another event

#### **MOVES IN FOCUS**

Lady Street has a great human scale and quiet traffic. The potential is there to make it a great people-first east-west connector.

#### Shift events closer to Lady.

Move Soda City and other events down a couple of blocks between Washington and Lady, using First Pavilion Park as a place for people to gather.

#### All Together Now!

Plan two events that compliment each other at the same time on Main Street and Lincoln Street.

#### Filling in the Gaps.

Nurture and encourage the connection along Lady Street with stepping stones, which might be pop up retail, tents, cool signage, or safe crossings.

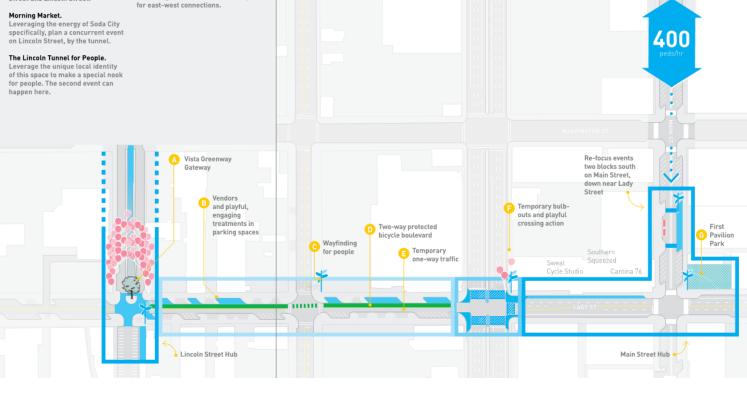
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#### Assembly Crossing.

Create bold crossing treatment and improved signal timing on Assembly and Lady.

#### Trace Memory.

These events should leave some trace behind after they end. This would begin to create a mental map





#### Creating place

Leveraged for their unique physical qualities, these spaces provide an example that the Lincoln tunnel should follow.









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#### Stepping stones

Lincoln

Lining Lady Street with small moments of delight to draw people through might vary from cool signage and lighting to more interactive, playful features.





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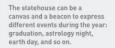
## THE FRONT **PORCH**

A Hub For People: Creating an inviting neighborhood asset for families and fulfilling a latent demand for hanging out, all while reimagining the State House as a great public front porch for all.

a ceremonial center of the city, but it's positioned to be much more. By formalizing more invitations for people to stay, the State House could become a spontaneous place to spend time and transform into an active 'central park' play, leisure, and outdoor working space. The latent demand is there. During its most active hours on weekends, 1 in 3 people stick around, and the variety of activity is diverse: hanging out and enjoying the



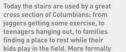




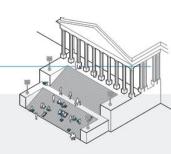








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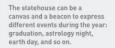
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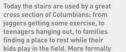




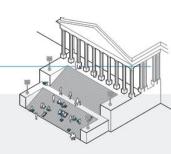








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Columbia is well positioned to accomplish great, people-first initiatives downtown. With the Mayor's leadership and the council's support, the political will to implement public realm improvements is there. Combine this with a public enthusiasm to create and participate in engaging events and experiences downtown, the opportunity is now to be bold and test these pilots.

Each pilot can be undertaken in any sequence, but ideally they would happen in order: first establishing some seating on Main Street between Lady and Washington targeting the wide sidewalk spaces and First Pavilion park; then building energy east and west on Lady Street; and finally defining a new people-first landmark and "Central Park" in the statehouse.



