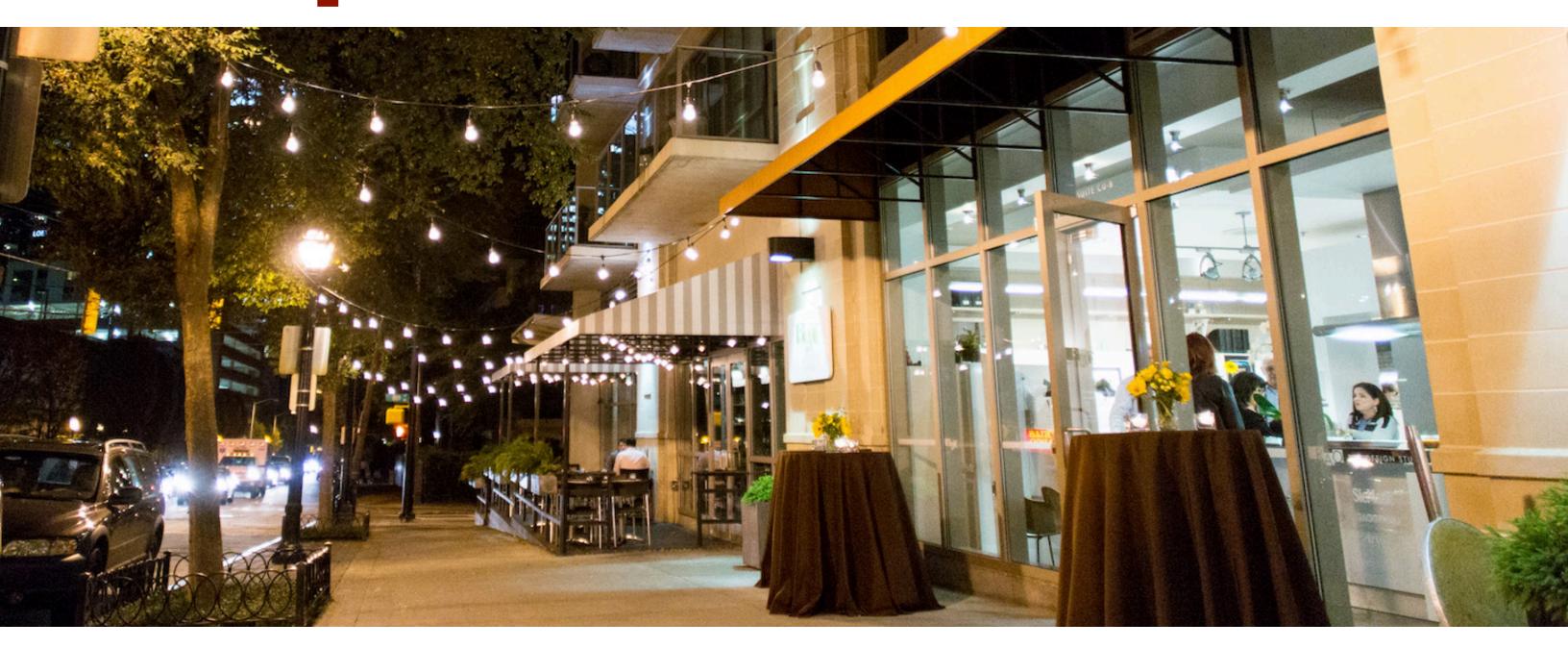
MIDTOWN ATLANTA



PRINCIPLES

- Make pedestrians and bikes safer, and contribute to street vibrancy.
- Engage stakeholders to shape the best solutions.
- Start from the premise that every street is different.
- Benefit from the experience of other places.

CONCLUSIONS

- No changes are recommended to the Midtown Alliance preferred plan between 10th and 14th Streets.
- No changes are recommended to the Midtown Alliance preferred plan between Ponce and 3rd.
- Between 3rd and 10th, a two buffer street section is proposed, with parking buffering the east side and a protected bike lane buffering the west side of Juniper. This configuration is safer for all modes, achieves greater parking efficiency and revenues, and supports core business functions such as loading and delivery.

Background

ABOUT KJERSTI MONSON

- Kjersti is Principal and CEO of Duval Companies, where she directs the Civic Studio.
- Kjersti served as the Planning Director for the City of Minneapolis, a top 3 bike city, when the City's Complete Streets policy was adopted, and oversaw the creation of the award winning Downtown Public Realm Framework Plan, a plan for enhanced streets.
- Kjersti serves in multiple forums as an expert in the creation of healthy safe streets (Super Bowl LII, Meet Minneapolis Tourism Association, Center for Transportation Studies).



Background

3.2.1.4 SUPPORTIVE DEVELOPMENT

A strong sense of place and corridor identity will be shaped not only by enhancements in the public realm, but by supportive development. Supportive development may contribute to the character and quality of a Downtown Public Realm Framework corridor through compatible ground floor uses, design considerations, activation through density or programming, or by facilitating connectivity (especially in the case of a desired but missing link, as identified in section 3.4, Potential Linkages).

- » 3.2.1.4.1 Supportive development opportunities, including compatible ground floor uses, design considerations, activation through density or programming, and facilitating connectivity where potential linkages exist, should be considered in the review of all development applications for Downtown Public Realm Framework corridors.
- » 3.2.1.4.2 Compatible ground floor uses should be discerned based on corridor typology (see section 3.5). Downtown Public Realm Framework corridors establish a hierarchy that informs developers and plan reviewers about goals for pedestrian experience. For instance, retail storefronts make more sense in some places than others; and pedestrian-unfriendly conditions (like loading zones) are not appropriate on some corridors.

Complete Streets Policy.

3.2.2.1 ADHERENCE TO THE COMPLETE STREETS POLICY

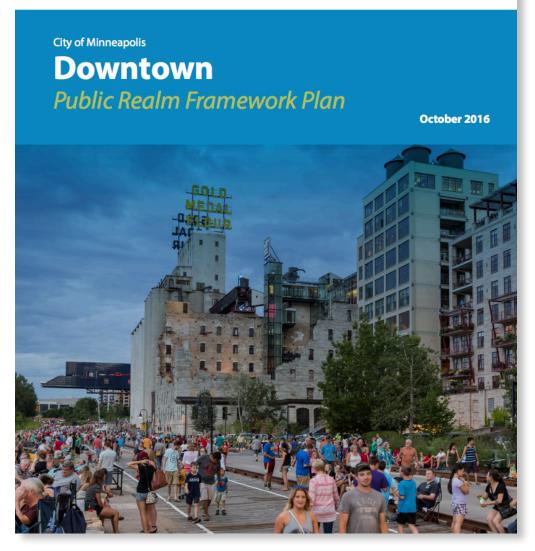
The Downtown Public Realm Framework is consistent with, and supplements, the City's Complete Streets Policy.

Complete Streets Policy

The City of Minneapolis is committed to building a complete and integrated public right-of-way to ensure that everyone - pedestrians, bicyclists, transit users, and motorists - can travel safely and comfortably along and across a street. The Complete Streets policy will inform decisionmaking throughout all phases of transportation projects and initiatives. The overarching policy purpose is the establishment of a modal priority framework that prioritizes public right-of-way users in the following order: people who walk, people who bike or take transit, and people who drive motor vehicles.







CIVIC STUDIO d DUVAL





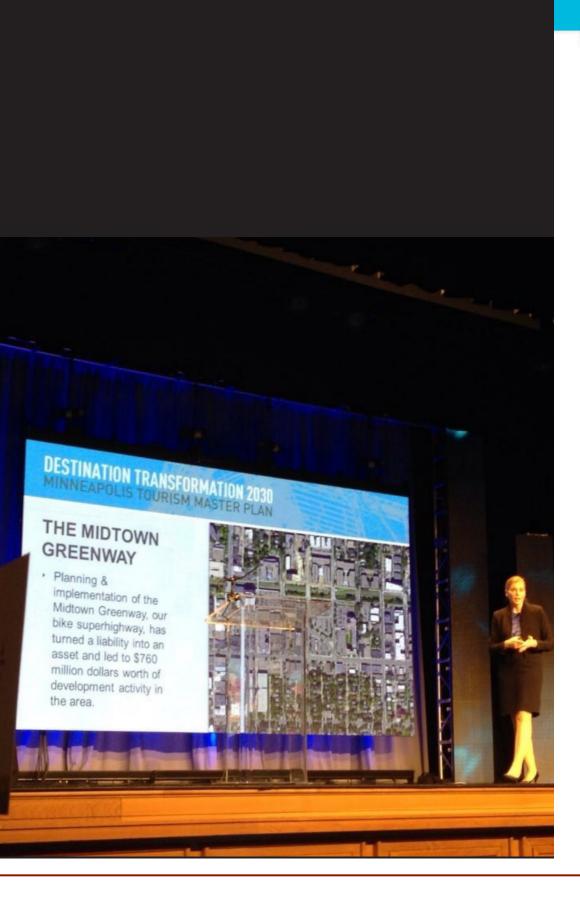
Figure 3.7 Destination Corridor diagram





DESTINATION TRANSFORMATION 2030 AIMS TO ENHANCE THE CITY OF MINNEAPOLIS AND ITS FUTURE AS A PREMIERE TOURIST DESTINATION

Goal 5 of the tourism master plan envisions a comprehensive placemaking plan to build & maintain a green, high-quality, & consistently-compelling walking experience along the sidewalks of downtown Minneapolis.



Background



CENTER FOR TRANSPORTATION STUDIES

Research

Events

Education & Careers

Publications

Faculty & Staff

About CTS

News

Programs

Structure Executive Committee

Board of Advisors

Councils

Awards

Requests for proposals/information (RFP/RFI)

Location & Contact Information

Executive Committee

The Executive Committee is the Center's main decision-making body. It has primary responsibility for providing strategic direction to staff and for overseeing the implementation of CTS programs. It governs the operations of the Center, consistent with University of Minnesota policies, based on input from the Board of Advisors, CTS Councils, and CTS staff.

Current Members



Chair: Jay Cowles
Co-Chair, Itasca Project Transportation
Committee



Randy Maluchnik
County Commissioner, Carver County



Ardell Brede Mayor of Rochester, Minnesota



Jim McDonough
County Commissioner, Ramsey County



Gina BuccellatoTechnical Director, Transportation
Safety Division, 3M



Kjersti MonsonPartner, Director of Civic Studio, Duval Companies



Scott Dibble Senator, State of Minnesota



Sue Mulvihill
Deputy Commissioner and Chief
Engineer, Minnesota Department of
Transportation

ANALYSIS & RECOMMENDATIONS

- We reviewed Midtown's plans & policies, including bike and transit facilities.
- To learn more about business characteristics and conditions, we conducted a block by block field survey
- We engaged stakeholders and assessed impacts
- The Midtown Alliance preferred alternative design was evaluated from a complete streets perspective.
- An alternative plan was developed, and is proposed.

MIDTOWN ATLANTA

SMALL BUSINESSES ARE KEY STAKEHOLDERS



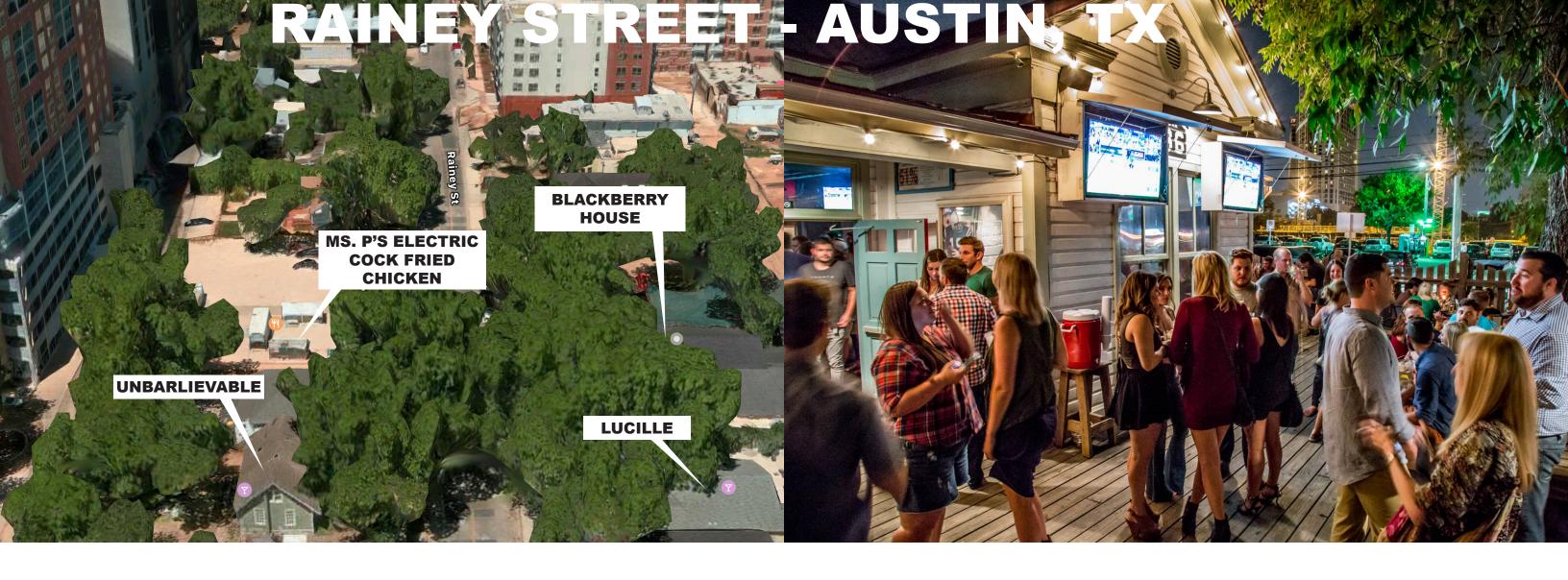


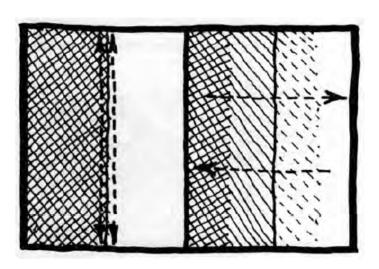


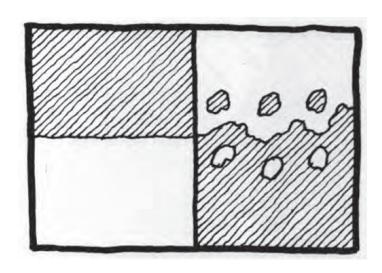












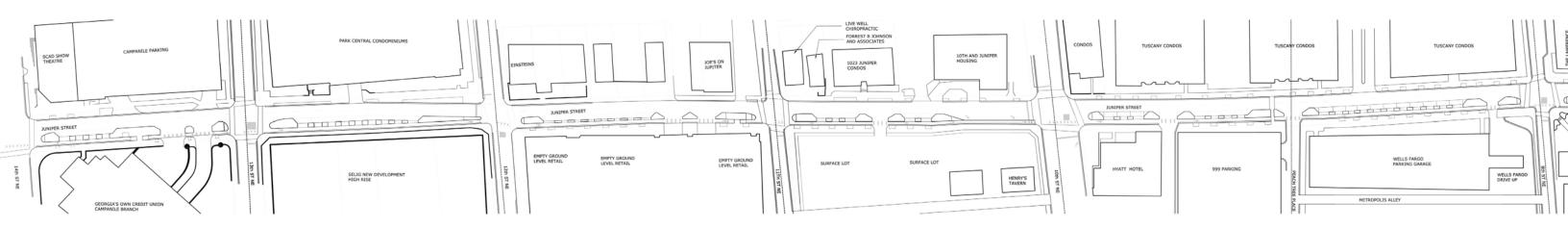
Eclectic Diversity Emergence Littoral Zone Hybridization

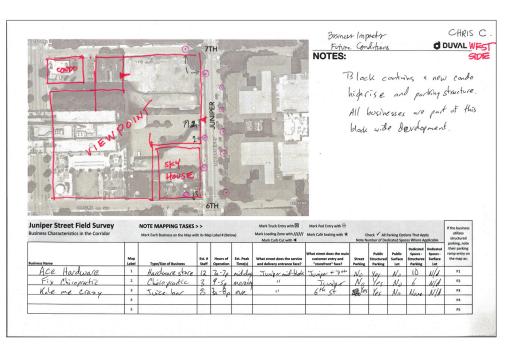
COMPLETE STREET PRINCIPLES





Beyond the Street Wall



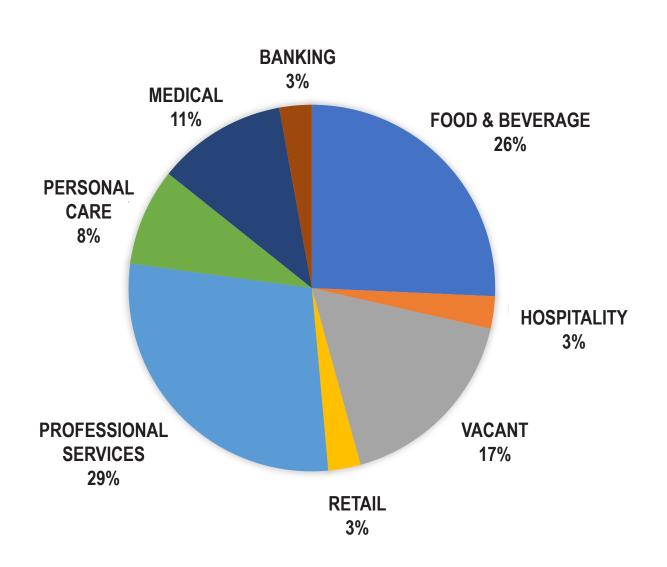


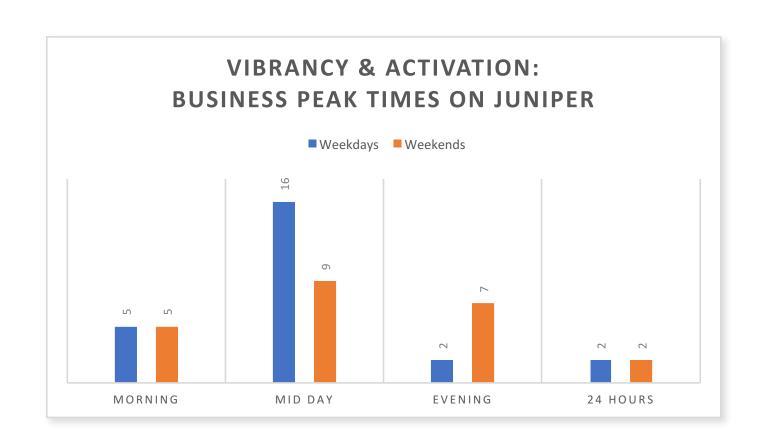






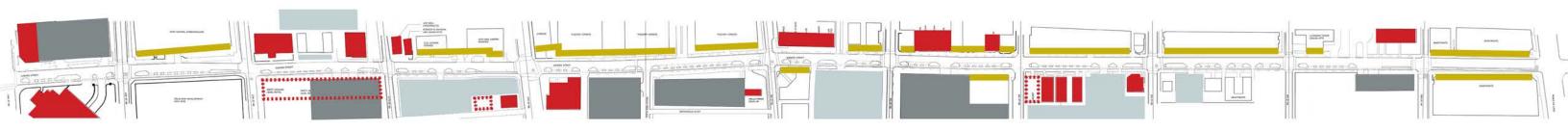
BUSINESS CHARACTERISTICS





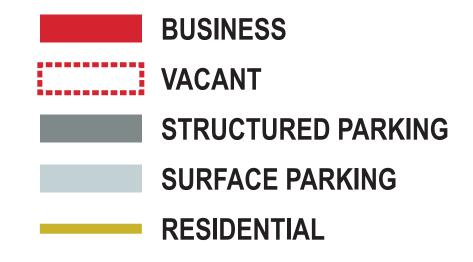
Source: Field Survey and stakeholder interviews.

Beyond the Street Wall

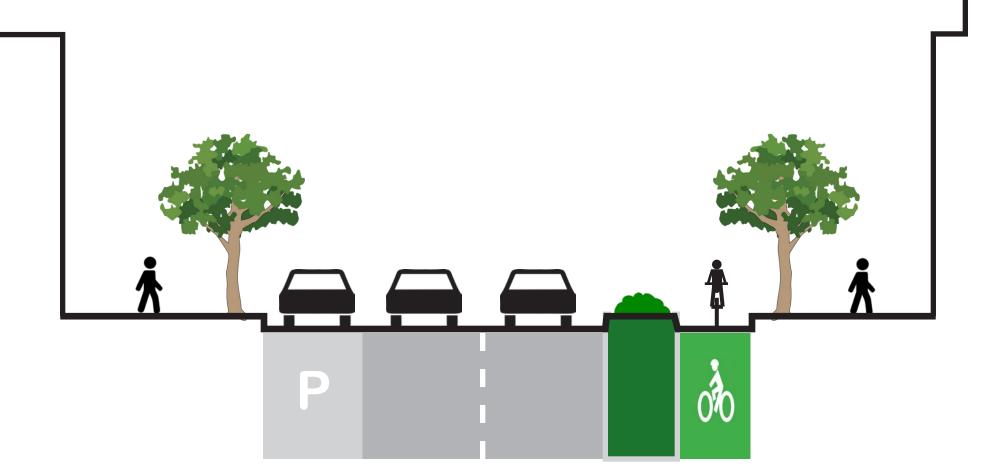


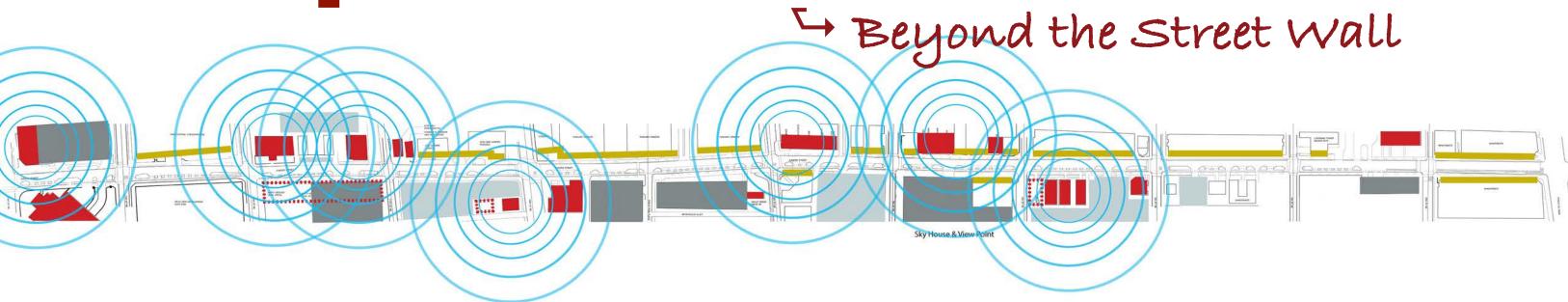
STREET WALL & GROUND FLOOR USES

- The east side of the street is comprised of a continuous street wall of storefronts and medium density residental.
- The west side of the street also has storefronts and residential, but it's interspersed with podium & surface parking, a drive-through bank, and a large hotel.



ALL MODES + BUSINESSES
BENEFIT FROM TWO BUFFERS





WHAT GIVES JUNIPER STREET ITS IDENTITY?

- Juniper Street, like Rainey Street, feels authentic because local owner-entrepreneur businesses create vibrancy. The businesses that are attracted to an eclectic-adaptive context like Juniper, and the ambience they create, are the core driver of street identity and value.
- Complete streets should be vibrant streets. Because infrastructure decisions will be in place for decades once built, it's important to identify & resolve issues that could impact street vibrancy now, in design.

MIDTOWN ATLANTA

HOW MANY
BUSINESSES DEPEND
ON ON-STREET
DELIVERY & LOADING?

HOW MANY LOADING DOCKS ARE PLANNED OR EXIST?

East Side of Juniper: 0
West Side of Juniper: 5

DELIVERY & LOADING? East Side of Juniper: 81%

West Side of Juniper: 0%

HOW MANY SERVICE
ALLEYS ARE THERE? East Side of Juniper: 1
West Side of Juniper: 1

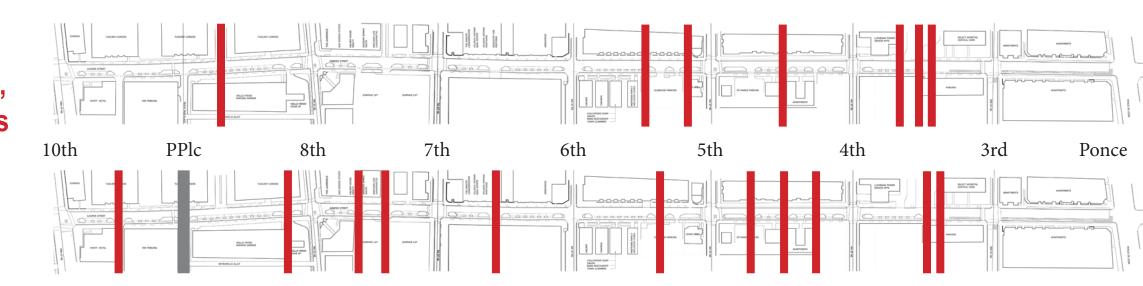
MIDTOWN ATLANTA

FREQUENCY OF CURB CUTS & DRIVE WAYS



THERE ARE MORE MID-BLOCK CURB CUTS ON THE WEST SIDE OF JUNIPER BETWEEN 10TH & PONCE THAN THE EAST. WHY DO PEDESTRIAN ORIENTED STREETS LIMIT OR PROHIBIT MID-BLOCK CURB CUTS?

- Less curb cuts indicates a commitment to the pedestrian as the primary mode on a street, consistent with complete streets policies. Complete streets place the pedestrian on top of the hierarchy of modes.
- For visually impaired and disabled people, every break in the sidewalk between intersections is a unique hazard. Navigating numerous mid-block driveways can be stressful and dangerous.







PROTECTED BIKE LANES ARE SOMETHING EVERYONE WANTS - SO WHY DOESN'T A PARKING PROTECTED STYLE OF BUFFER MAKE SENSE ON THE WEST SIDE OF JUNIPER?

Parking efficiency & parking revenues will suffer on the west side of Juniper due to large number of mid-block driveways, because sight lines need to be preserved for turning vehicles.

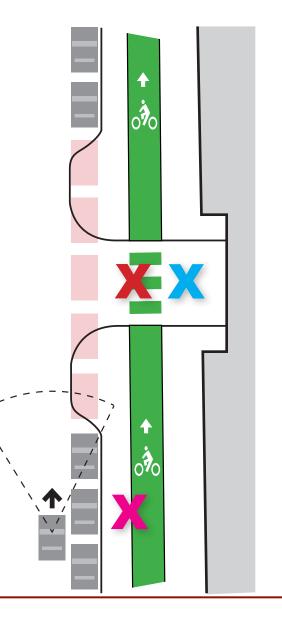
There will be a greater number of dangerous conflicts between vehicles and bikes, vehicles and pedestrians, and pedestrians and bikes.



VEHICLE/PEDESTRIAN CONFLICT

VEHICLE/BIKE CONFLICT

X BIKE/PEDESTRIAN CONFLICT



"...when considering parking protected and offsetting the parking from the curb, one huge factor to consider is the number of intersections and curb cuts along the corridor. The more there are, the less effective this becomes and you lose parking spaces in order to achieve necessary sight lines for safety."

Jeni Hager

Director of Transportation Planning City of Minneapolis (A Top 3 Bike City)

PARKING EFFICIENCY & REVENUES

MA Preferred Alternative: **75** Business Preferred Alternative: **87**

ON-STREET	OFF-STREET	TOTAL PARKING
1,705 803 metered 902 'free'	63,090 11,289 in lots 51,801 in decks	64,795 Total Spaces

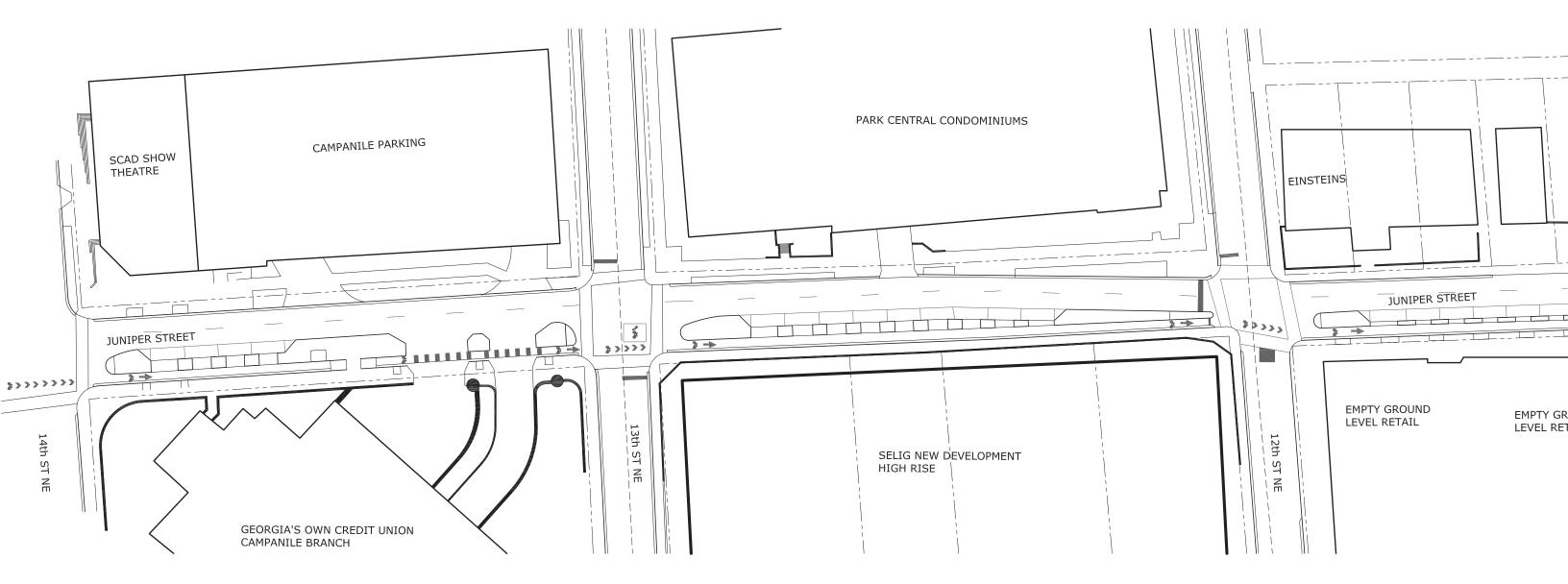
2014 ON-STREET PARKING OCCUPANCY STUDY						
WEEKDAY MIDDAY	WEEKDAY EVENING	WEEKEND EVENING				
11AM-1PM	7-9PM	8-10PM				
47%	57%	65%				
797 of 1,705	964 of 1,705	777 of 1,192*				
spaces occupied	spacets occupied	spaces occupied				

Placing parking on the east side of Juniper Street creates 16% more spaces and the additional revenue they generate.

Estimated Annual Value of 12 Metered Spaces in an Entertainment/Restaurant/Hospital Zone (Meters enforced in this zone M-Sa 7am to 10pm)

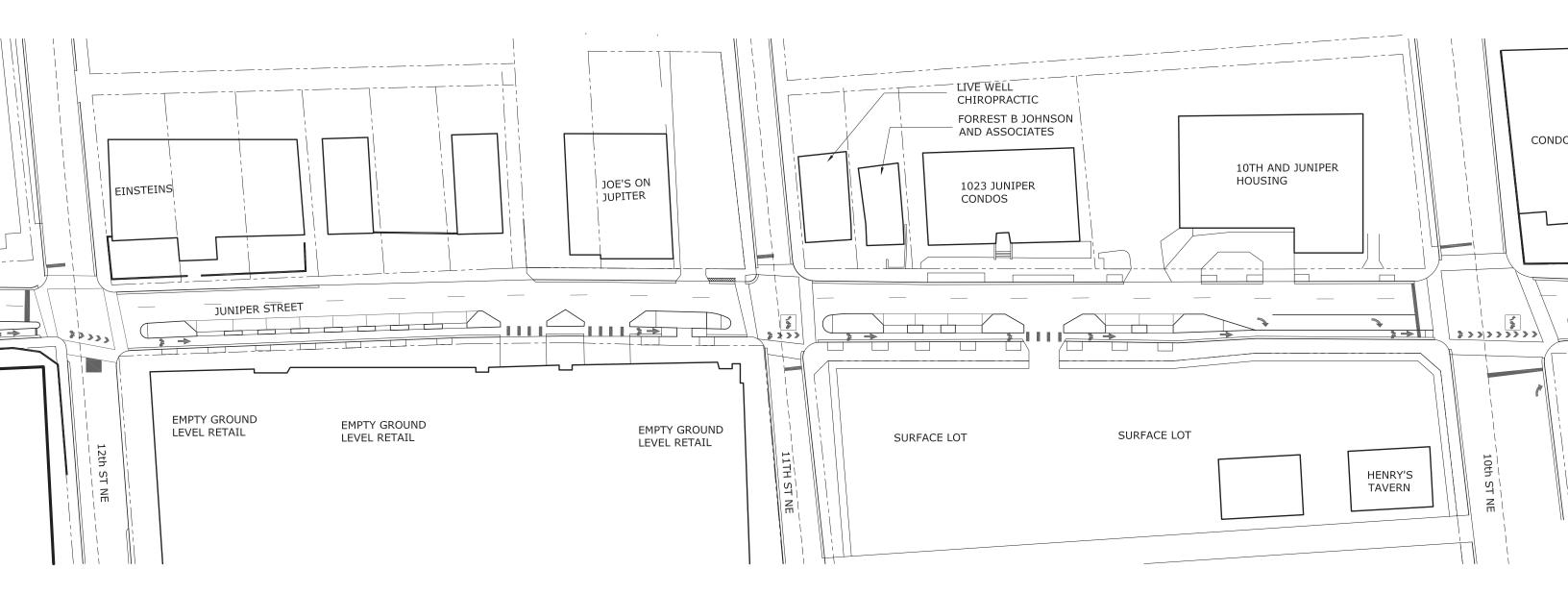
	TOTAL METERED HOURS	UTILIZATIO N	NET PAID HOURS	HOURLY RATE (\$)	REVENUE PER SPACE PER DAY	TOTAL ADDITIONAL PARKING SPACES	TOTAL ADDED REVENUE PER DAY	TOTAL ADDED REVENUE PER YEAR
Weekday Mid Day (11-1)	2	47%	0.94	\$2	\$1.88	12	\$22.56	\$1,308.48
Weekday Evening (7-9)	2	57%	1.14	\$2	\$2.28	12	\$27.36	\$1,586.88
Weekend Evening (8-10)	2	65%	1.3	\$2	\$2.60	12	\$31.20	\$1,809.60
All Other Zoned Weekday Times	11	50%	5.5	\$2	\$11.00	12	\$132.00	\$7,656.00
All Other Zoned Weekend Times	13	65%	8.45	\$2	\$16.90	12	\$202.80	\$11,762.40
					4		4	4

\$34.66 \$415.92 \$24,123.36



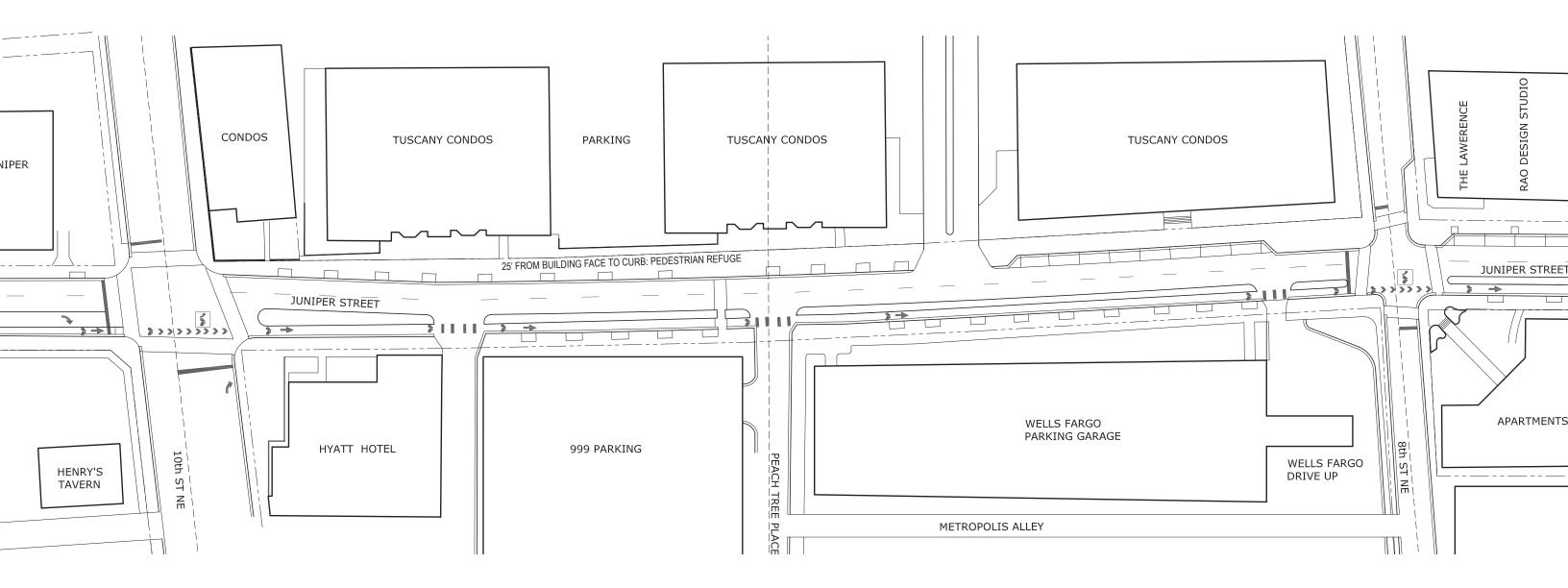
BUSINESS PREFERRED ALTERNATIVE | 12th to 14th (no changes)

MIDTOWN ATLANTA

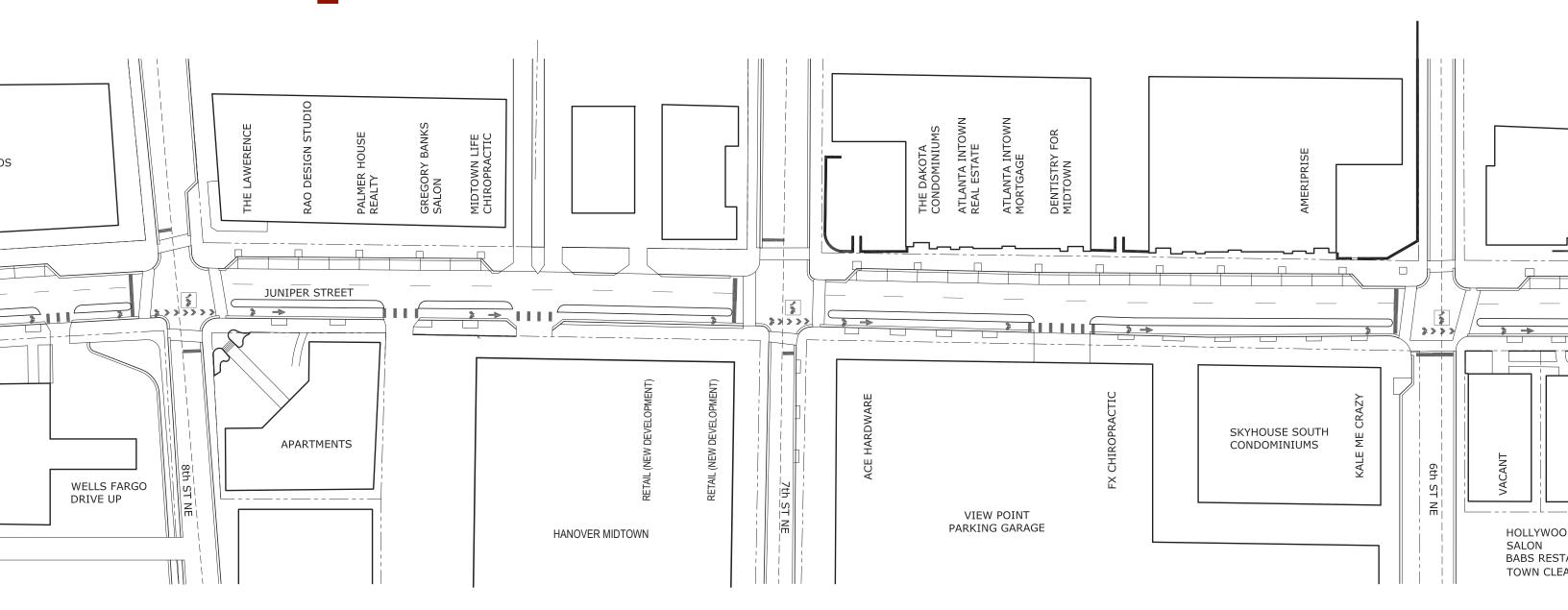


BUSINESS PREFERRED ALTERNATIVE | 10th to 12th (no changes)

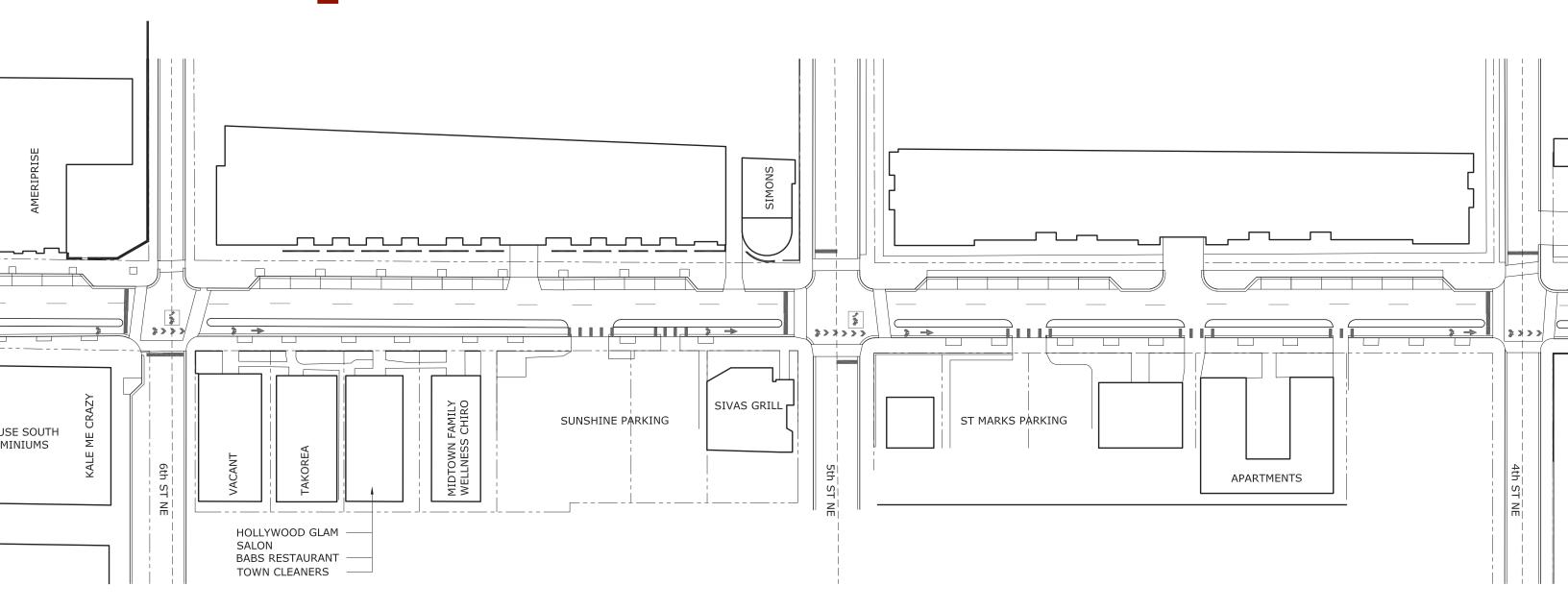
MIDTOWN ATLANTA



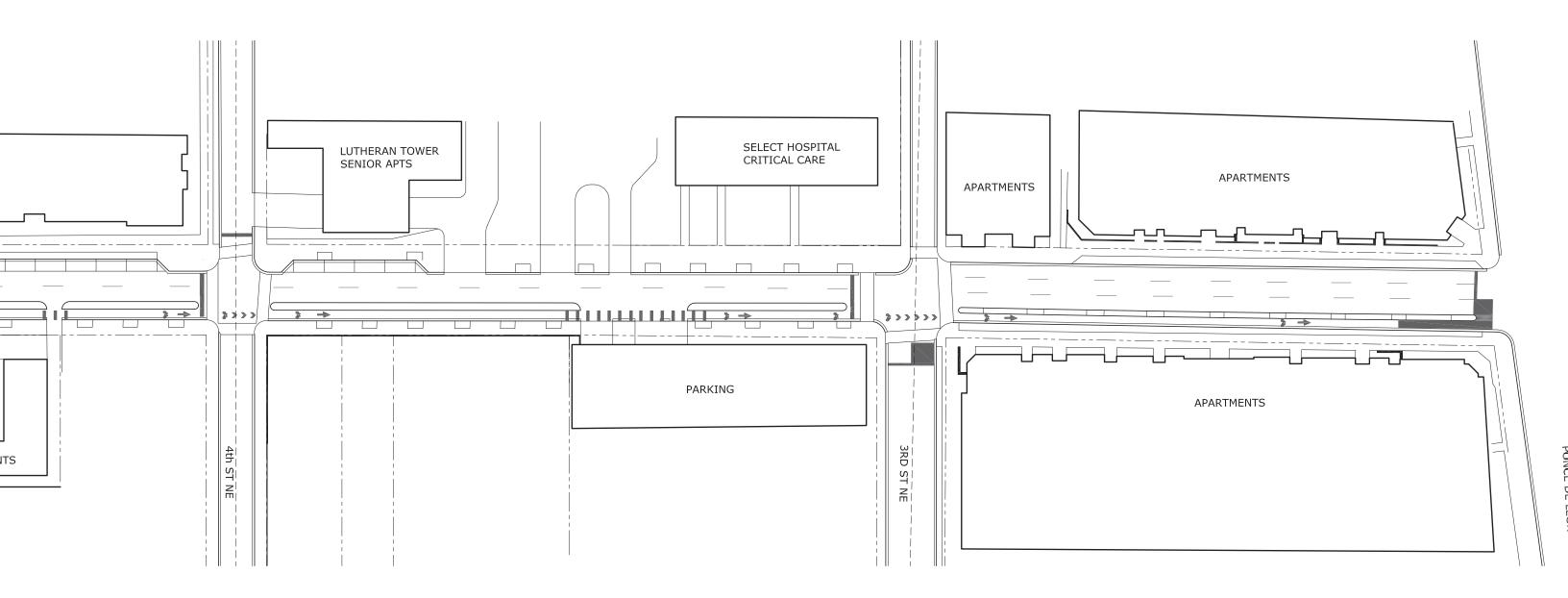
BUSINESS PREFERRED ALTERNATIVE | 8th to 10th



BUSINESS PREFERRED ALTERNATIVE | 6th to 8th



BUSINESS PREFERRED ALTERNATIVE | 4th to 6th



BUSINESS PREFERRED ALTERNATIVE | Ponce to 4th

The revised plan is safer for pedestrians.

- Pedestrians on both sides of the street benefit when both sides are buffered one with parking, and one with the bike lane.
- By shifting parking to the east side, away from the bike lane, we reclaim the ability to include intersection bumpouts ensuring shorter pedestrian crossing times.
- By buffering the sidewalk with less frequent and less busy curb cuts, the plan creates a safer path for the visually impaired and disabled.

With fewer conflicts between cars, bikes, & pedestrians, it's safer for other modes too.

- The revised plan will result in less conflicts between cars entering mid-block driveways & pedestrians/bikes crossing those driveways. There is not only more curb cuts on the west side, but more traffic volume in and out of them to present potential conflicts as they cross the sidewalk, bike lane, and a parking lane.
- It will also avoid the necessity for pedestrians to cross the bike lane from their parked car to get to the sidewalk, which could result in pedestrian/bike conflicts.
- In the revised plan proposal, no drivers will their door into traffic.

SMALL BUSINESS PREFERRED ALTERNATIVE | FIVE BENEFITS OF THE PLAN



The revised plan supports the needs of the small local businesses that give the corridor its identity.

- The plan doesn't impact businesses dependent on on-street loading
- The plan protects outdoor seating areas. It keeps the parking buffer (and therefore does not introduce moving traffic near their patrons).

It also provides more parking spaces overall, which is good for businesses as well as the City's bottom line.

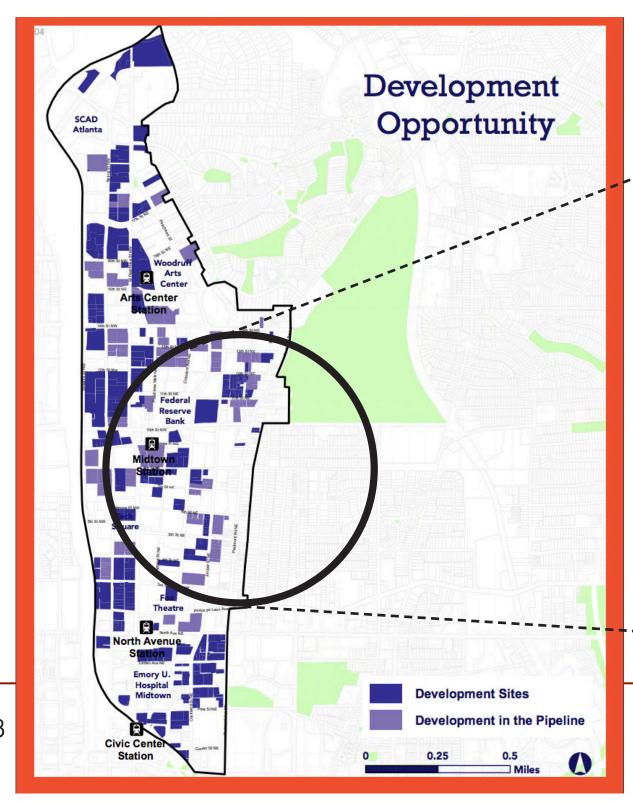
- More parking spaces fit on the east side of the street.
- Parking on Juniper will be metered. More spaces means more revenue annually.

The plan offers a unique opportunity for a pedestrian amenity.

• The revised plan introduces a 25-foot sidewalk between 8th and 10th Streets on Juniper, which could be a site for a pedestrian enhancement such as a plaza, seating, or art.

SMALL BUSINESS PREFERRED ALTERNATIVE | FIVE BENEFITS OF THE PLAN

MIDTOWN ATLANTA





BUSINESS PREFERRED ALTERNATIVE PROJECT CONTACTS

Matthew Rao
Rao Design Studio, Inc.
matthew@raodesignstudio.com
905 Juniper Street
Suite CU-B
Atlanta, GA 30309

Kjersti Monson
Principal & CEO, Duval Companies
Director, Civic Studio
kjersti@duvalcompanies.com
1314 Marquette Avenue, Suite 502
Minneapolis MN 55403