

A wide-angle photograph of the Pittsburgh skyline across the river. Two prominent yellow steel truss bridges are in the foreground. The background is filled with various skyscrapers and buildings under a blue sky with scattered white clouds. The river's surface is calm, reflecting the sky and the city lights.

SMITHFIELD STREET CORRIDOR VISION

JUNE 28, 2021

TODAY'S MEETING

SMITHFIELD STREET REDEVELOPMENT STAKEHOLDER UPDATE

PURPOSE: Update stakeholders on status of project and collect feedback on additional design elements.

Agenda

- Project Background
- Corridor Vision
- Current Plans
- Additional Opportunities
- Feedback and Questions



PROJECT BACKGROUND

SMITHFIELD STREET

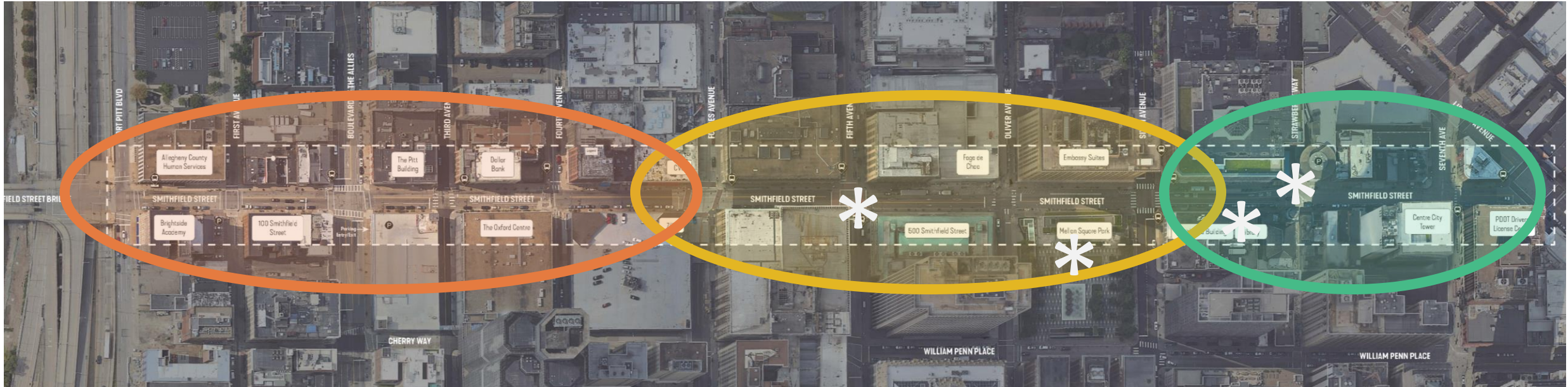
COORIDOR OVERVIEW

FORT
PITT BLVD

FORBES AVENUE

SIXTH AVENUE

LIBERTY AVENUE



SOUTH END

- Small scale retail
- Civic services
- Connection to bike network
- Connection to South Pittsburgh & Innovation District

THE CORE

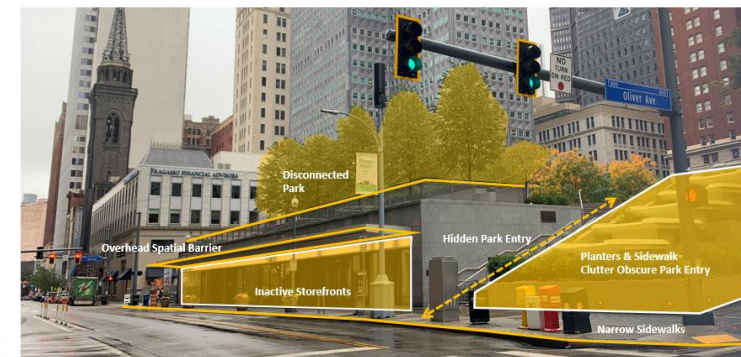
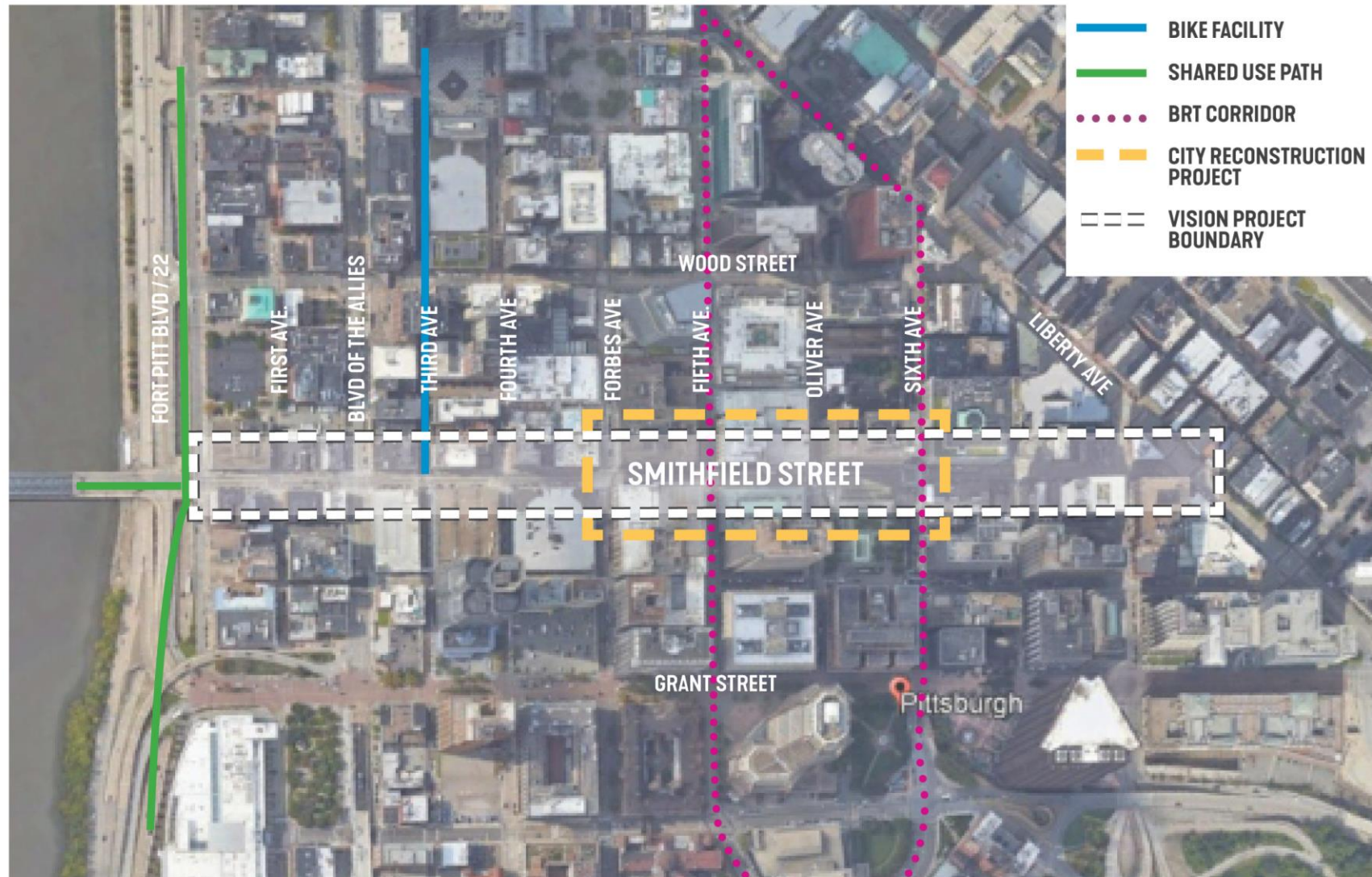
- Large scale retail
- Public spaces/landmarks
- Transit connectivity

NORTH END

- Institutional
- Vacancies
- Major transit station
- Liberty Ave & The Strip District

PROJECT AREA

EXISTING CONDITIONS



PROJECT SCOPE AND TIMELINE

SMITHFIELD STREET REDEVELOPMENT PHASE 1

SCOPE: Fully reconstruct the street and sidewalk, from building face to building face, including the following:

- Full depth pavement reconstruction
- Sidewalk and curb replacement
- Sidewalk widening and curb realignment
- Street Lighting upgrades
- Signal updates
- Storm system updates
- Streetscaping
- Vault investigation and repairs
- Trolley track removal
- Pavement markings
- Associated miscellaneous construction

PROJECT FUNDING

Design - \$ 1,820,000 Construction - \$ 7,280,000

TIMELINE

- Preliminary Engineering 2021
 - Summer 2021: 30% designs
 - Summer/Fall: Materials/amenities
 - Fall 2021: 60% designs
- Final Design 2022
- Contract Awarded February 2023
- Construction 2023/2024

FINDINGS

CURRENT USE AND TRAVEL PATTERNS

CURBSIDE USE

- Loading is a predominant curbside use

TRANSIT

- Future implementation of BRT will impact access to Smithfield

TRAFFIC

- Issues on Smithfield stem from conflicting curbside uses, network functionality, restricted turning movements, and one-way traffic

CRASH DATA

- Crash count is highest at intersections

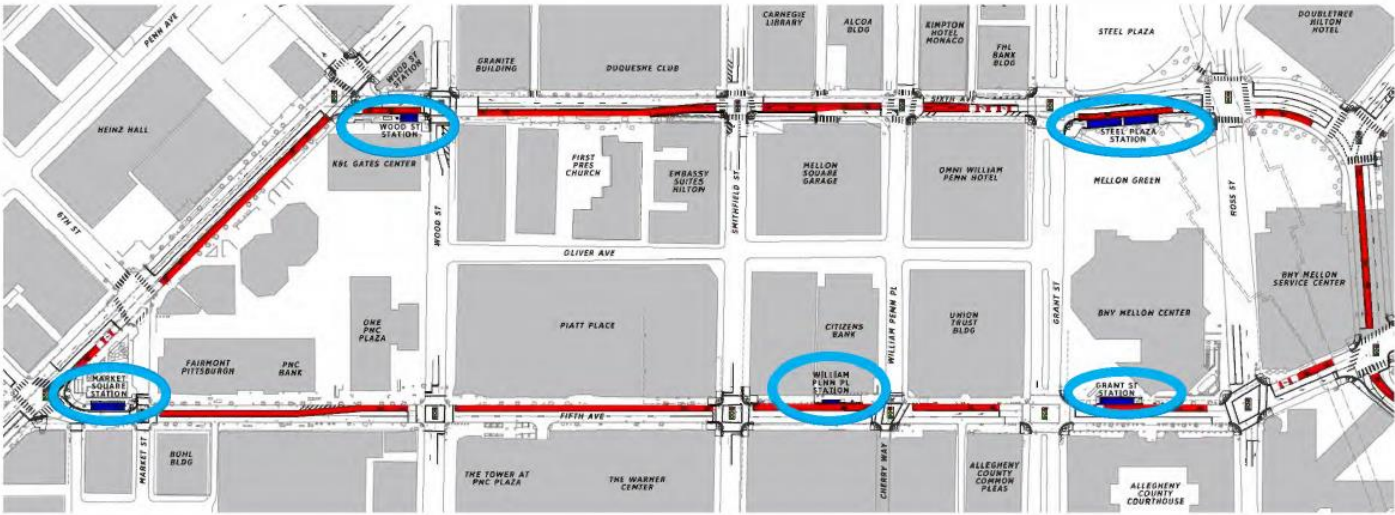
PED/BIKE COUNTS

- Smithfield Street currently has high pedestrian counts especially north of Forbes but low bicycle counts



FINDINGS

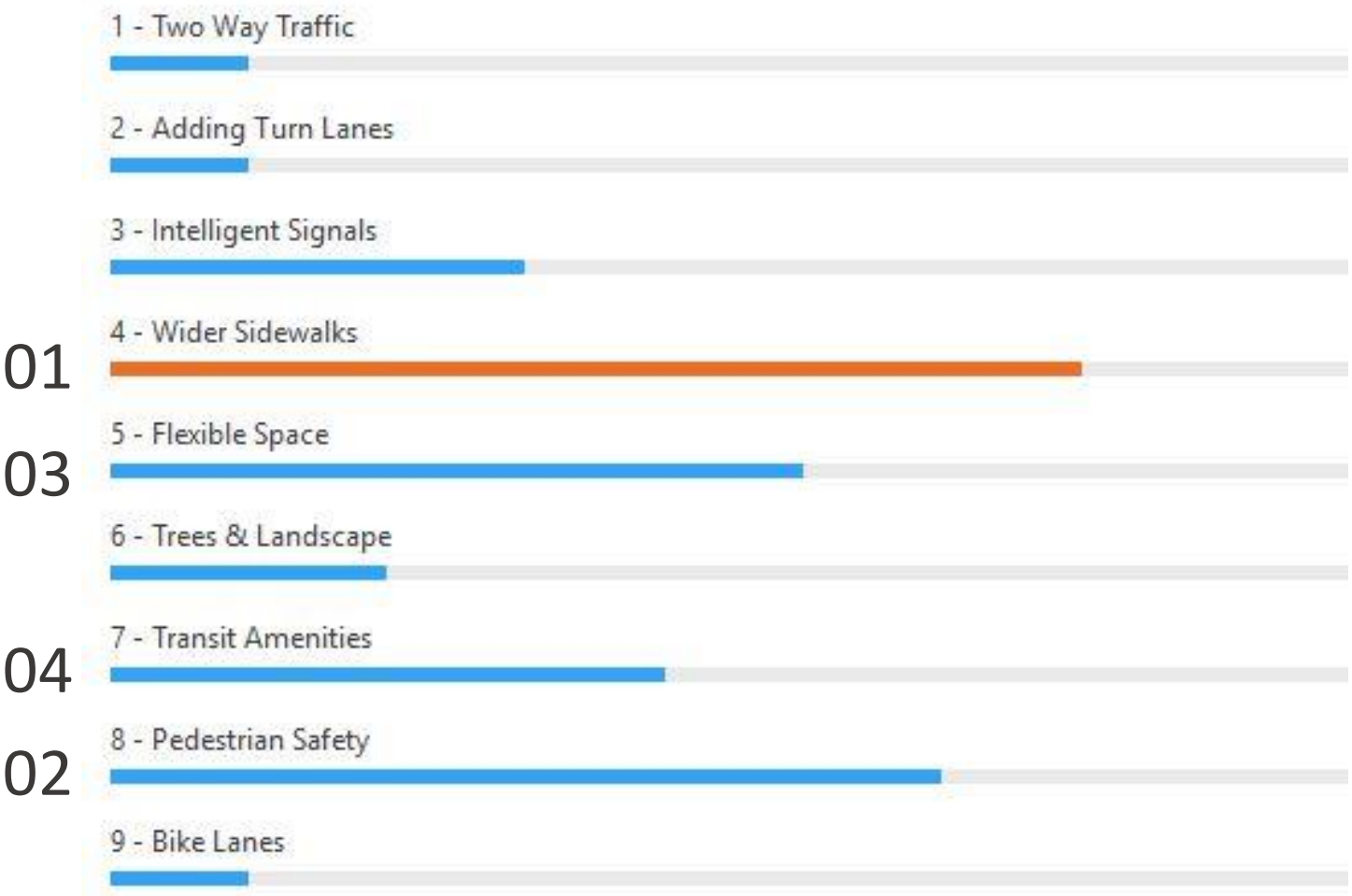
FUTURE PROJECTS



FINDINGS

PHASE 1 STAKEHOLDER ENGAGEMENT

1. What are your top 3 priorities for Smithfield Street? (Multiple choice)



01

03

04

02

FINDINGS

CONCLUSIONS/RECOMMENDATIONS

PLACEMAKING

- Wider sidewalks for increased amenities, balanced with customized block-by-block curb cuts to allow for specific curbside needs
- Integrate a flexible space within the corridor to allow for a wider range of activities
- Add trees and landscape to create a better buffer between vehicles & pedestrians and better connect Mellon Square to the street

TRAFFIC FLOW

- Improve network connectivity and access by looking at two-way traffic during off-peak times
- Adding turning lanes at high volume locations to improve travel times and access to parking garages
- Utilize intelligent signals & signage to allow for uses to change throughout the day and week

SAFETY & ACCESS

- Improve transit amenities and wayfinding
- Curb extensions and better alignment at intersections to improve pedestrian safety
- Explore options for better accommodating cyclists

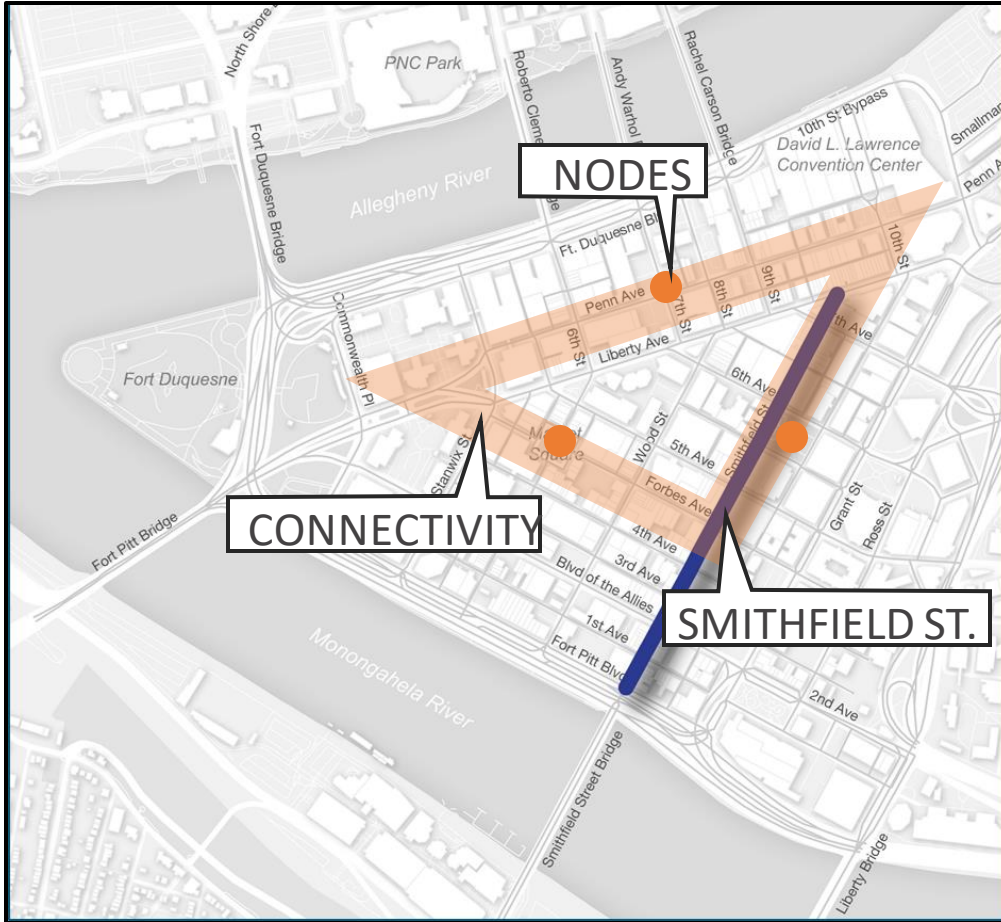
Envision Smithfield Street of the future:





CORRIDOR VISION

SMITHFIELD STREET VISION



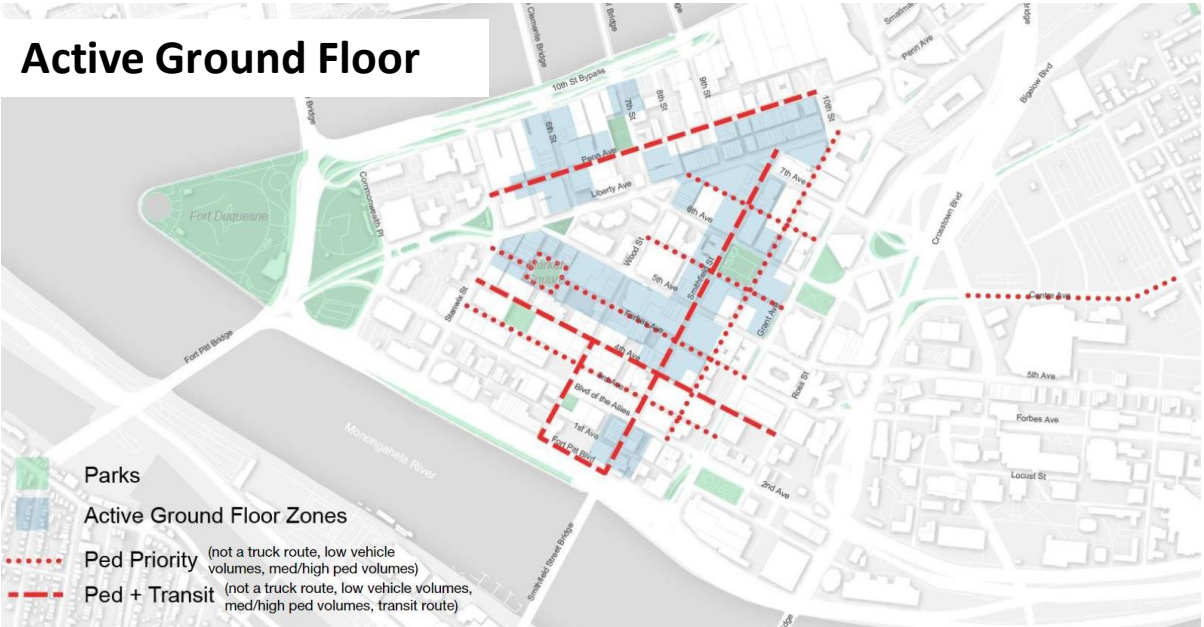
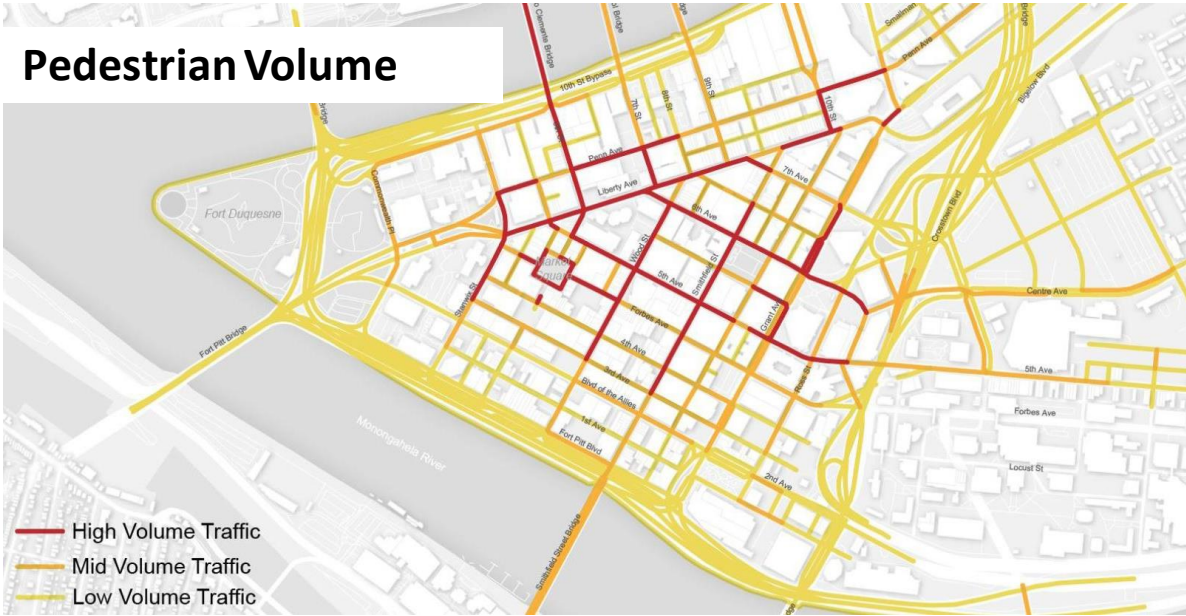
Connecting a Vibrant Core: The transit and pedestrian corridor of Smithfield Street serves to connect public open space 'nodes' within the downtown core.

CONNECTING A VIBRANT CORE

Smithfield Street plays an essential roll downtown in connecting the urban fabric and strengthening the downtown core. Like Forbes and Penn Avenue it has the necessary ingredients of a vibrant and active street: ground floor retail, network connectivity, and pedestrian scale, along with supportive transit amenities.

Revitalizing Smithfield with wider sidewalks and amenities while strengthening Mellon Square with an adjacent flexible plaza/street will create a "connected core" supported by unique signature public spaces, including Market Square and Katz Plaza. These streets and public spaces serve as critical destination spaces, and with intentional and coordinated efforts can positively impact downtown and support walkable, transit-oriented development long into the future.

A WALKABLE STREET



- Market Square**
- Active
 - Retail, dining, entertainment, etc.



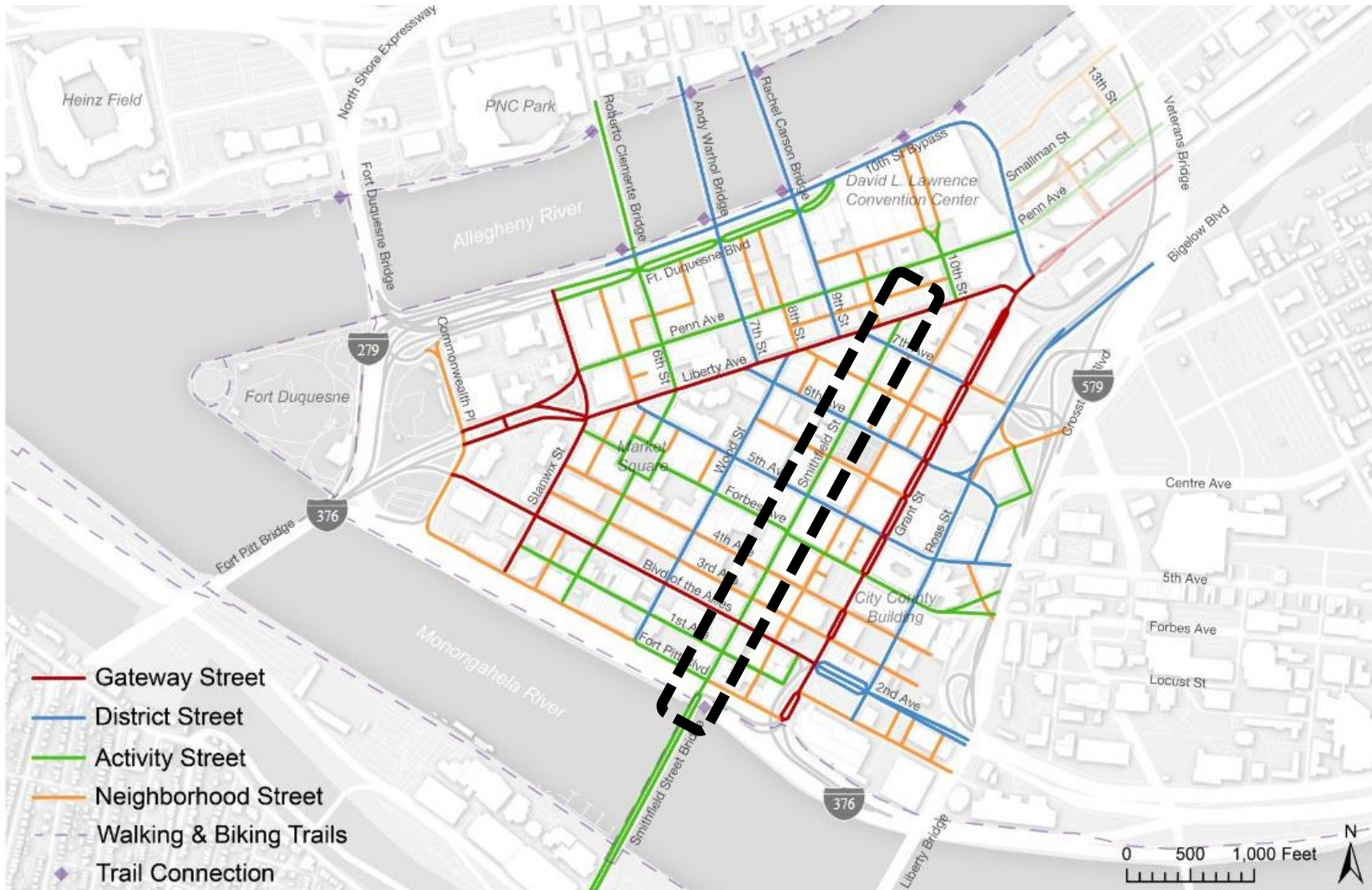
- Agnes R. Katz Plaza**
- Passive
 - Art/culture



- Mellon Square Park**
- Passive
 - Capable of hosting large events

DOWNTOWN MOBILITY PLAN

MAY 2021



A people-first strategy for
the Golden Triangle's future

GUIDING PRINCIPLES

- Welcoming & Vibrant
- People-First & Transit-Prioritized
- Equitable & Affordable
- Intuitive & Responsive
- Sustainable & Healthy

DOWNTOWN MOBILITY PLAN

WHAT IS AN ACTIVITY STREET?



- Function as destinations with active ground floor uses, recreational activities, and programming
- Enable high-quality walking experiences with limited speeds and curb cuts and active sidewalks
- May provide transit access/priority
- May provide street parking with limited access during peak periods
- Provide non-obstructive loading zones during non-peak periods and encourage off-hour deliveries
- Emphasize greening and amenities



**Smithfield
reimagined**

**PG
H**

Connect Mellon Square to
the street

Widened sidewalks with
streetscape amenities

Safer pedestrian
crossings

Flexible curbs that allow for buses
and loading

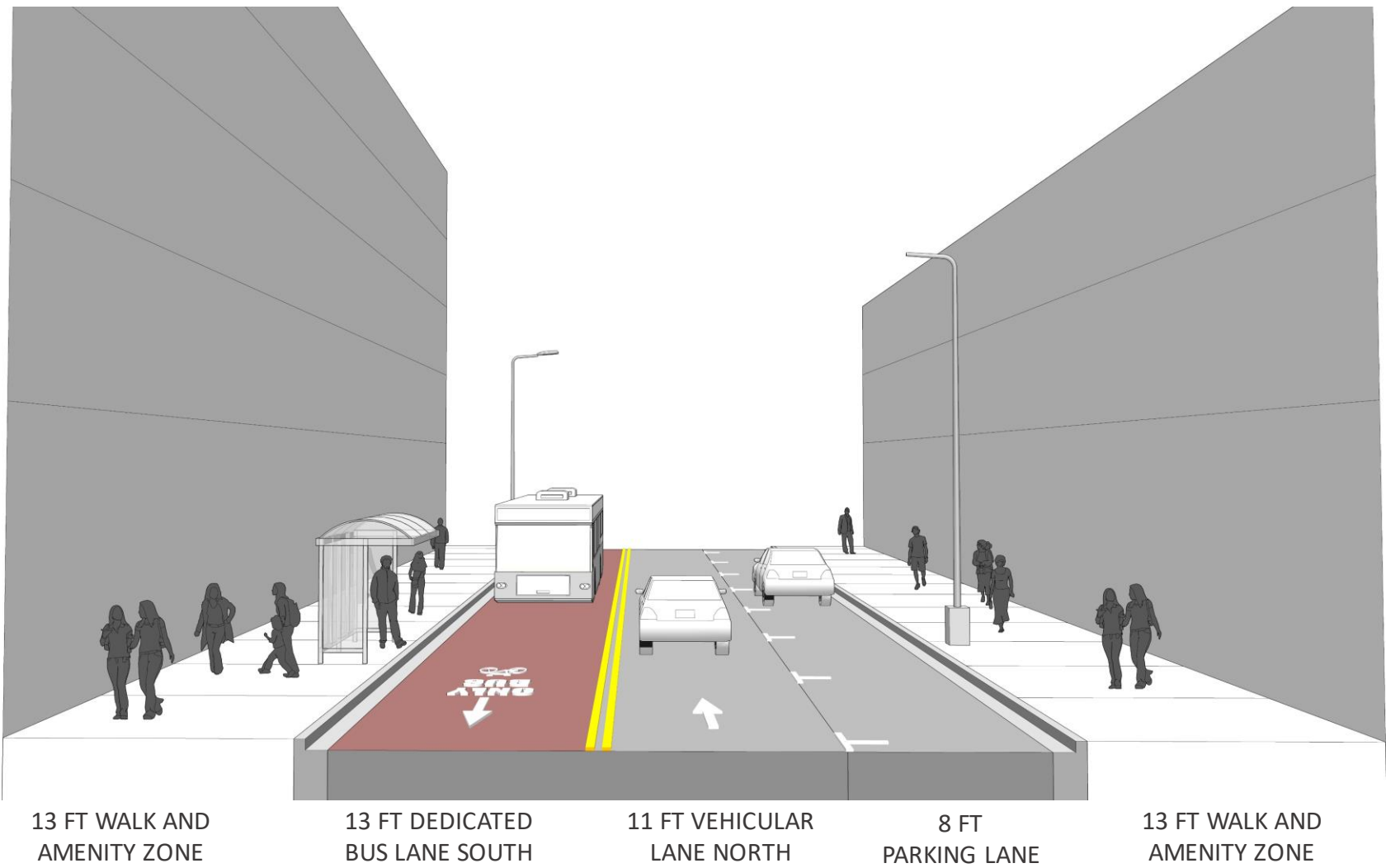




CITY'S 30% PROPOSED PLAN

DESIGN CONCEPTS

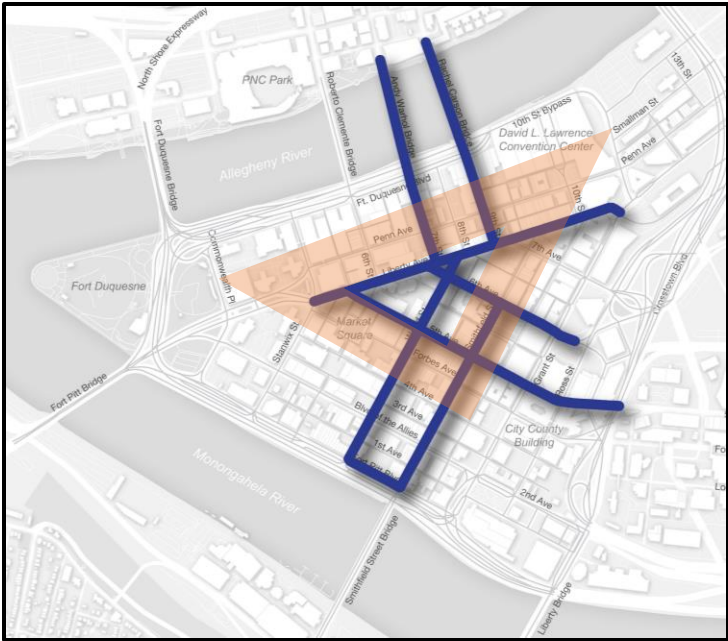
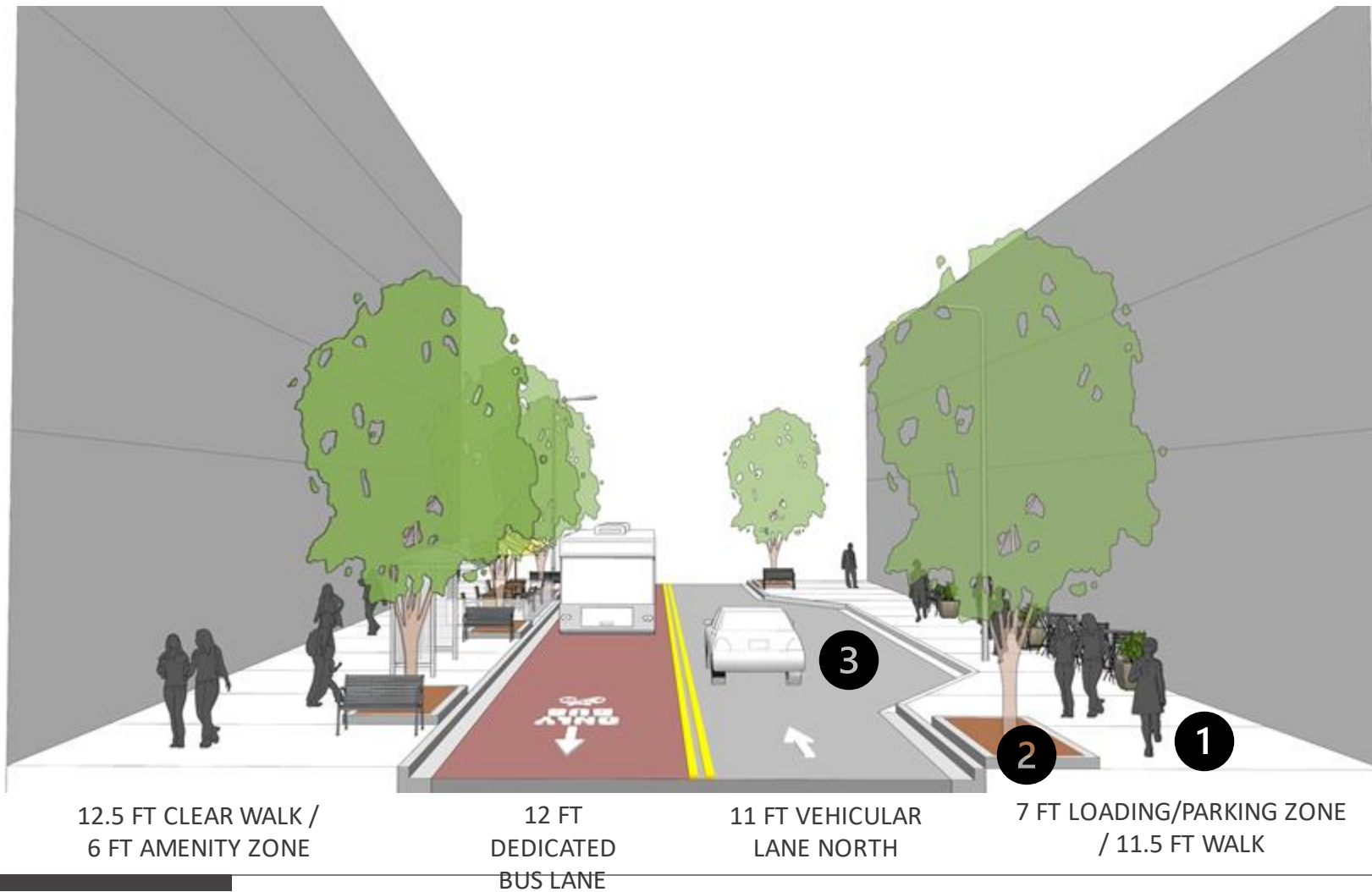
CURRENT STREET CONFIGURATION



Smithfield Avenue Dimensions	
Building to Building Distance	59 feet
Curb to Curb Distance	33 feet
Sidewalk Widths	13 feet

PHASE 1 - DESIGN CONCEPTS

OPTION 1A - WIDER SIDEWALKS W/CURB CUTS



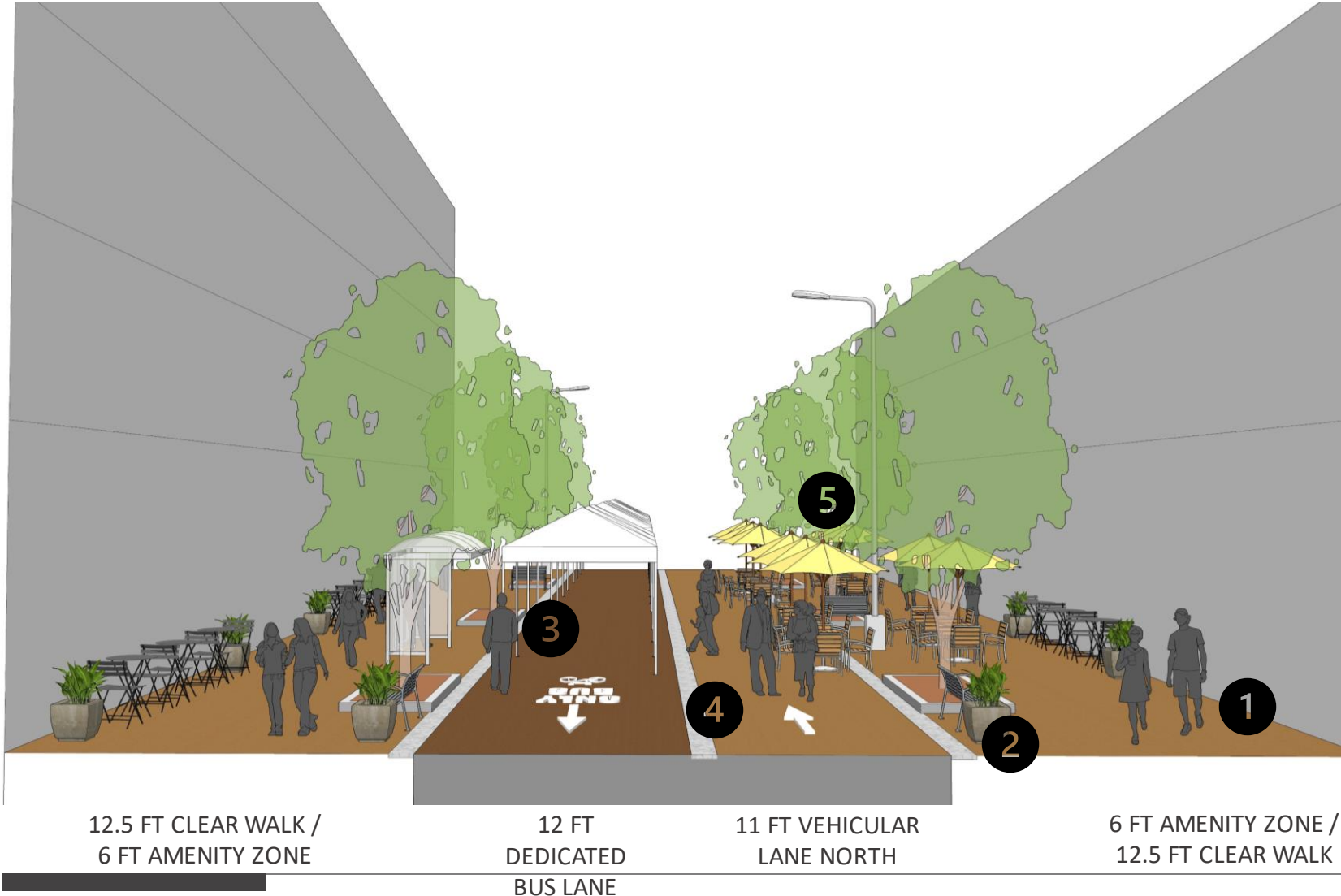
Transit network: Smithfield’s primary role within downtown is as a transit and pedestrian corridor.

LEGEND

- 1 Widened sidewalks allow for increased pedestrian comfort, café dining and other uses
- 2 ‘Amenity Zone’ utilized for plantings, bus stops, seating and other elements
- 3 Dedicated loading zone curb cut for short term loading/deliveries

PHASE 1 - DESIGN CONCEPTS

OPTION 1B – WIDER SIDEWALKS (FLEX STREET)



LEGEND

- 1 Widened sidewalks allow for increased pedestrian comfort, café dining and other uses
- 2 'Amenity Zone' utilized for plantings, bus stops, seating and other elements
- 3 Curbless streets allow for special events & activities
- 4 Unique materials & amenities slow traffic
- 5 Enhanced landscape and flush streetscape provide connection to Mellon Park

DESIGN CONCEPTS

POLL 2: VOTE ON YOUR PREFERRED CROSS SECTION

PREFERRED

OPTION 1 WIDER SIDEWALKS



OPTION 1A WIDER SIDEWALKS



EXPLORE

OPTION 1B CURBLESS STREET



OPTION 1C TWO-WAY VEHICULAR OFF-PEAK



OPTION 2A

BIKE LANES – SIDEWALK LEVEL



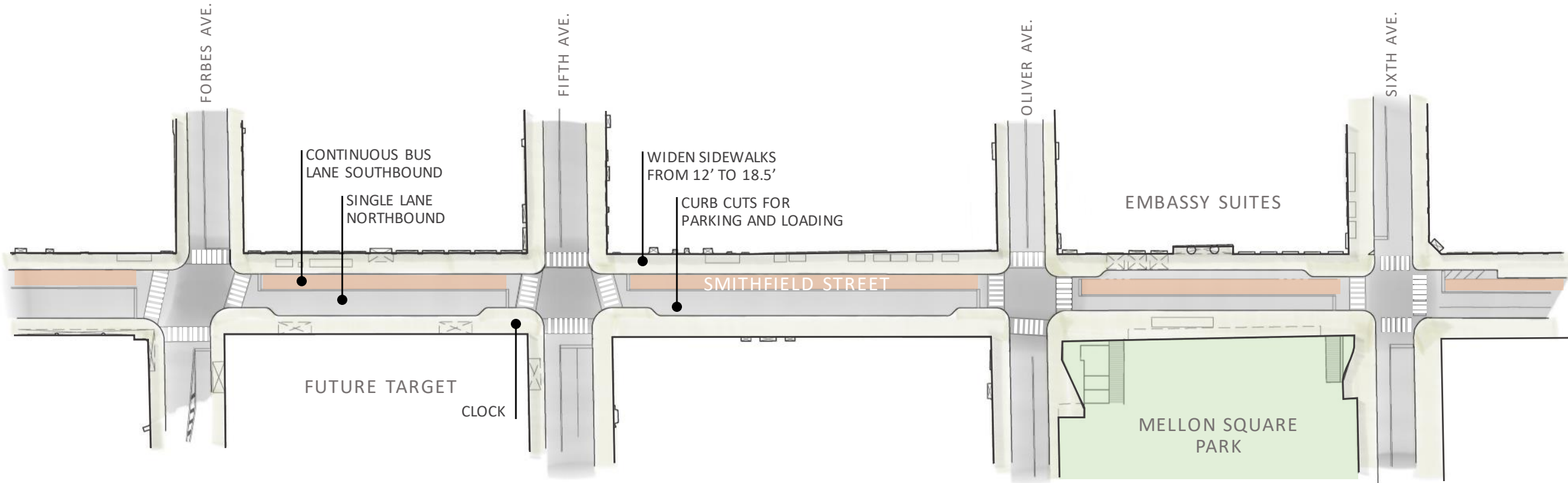
OPTION 2B

BIKE LANES – STREET LEVEL



SMITHFIELD STREET

CITY PLAN



- Continuous bus lane southbound
- Single lane northbound
- Widen sidewalks from 12' to 18.5'
- Curb cuts for parking and loading



ADDITIONAL OPPORTUNITIES

SMITHGROUP

OPPORTUNITIES



- 1.) IMPROVED VEHICLE ACCESS
- 2.) IMPROVED INTERSECTIONS
- 3.) BETTER TRANSIT AMENITIES
- 4.) IMPROVED RETAIL EXPERIENCE
- 5.) FLEXIBLE STREET
- 6.) CONNECTION TO MELLON SQUARE PARK

OPPORTUNITIES

IMPROVED VEHICLE ACCESS

SIDE STREET LOADING



TRANSIT PRIORITY SIGNALS



OPPORTUNITIES

IMPROVED VEHICLE ACCESS

TWO-WAY TRAFFIC OFF-PEAK



12.5 FT CLEAR WALK / 6 FT AMENITY ZONE 12 FT BUS LANE SOUTH WITH OFF-PEAK VEHICLE SERVICE 11 FT VEHICULAR LANE NORTH 12.5 FT CLEAR WALK / 6 FT AMENITY ZONE

TWO-WAY ACCESS ON SIDE STREETS

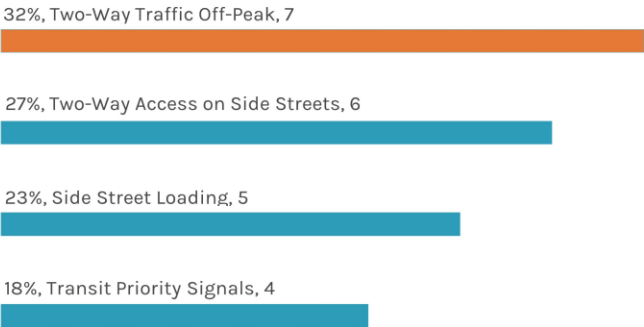


OPPORTUNITY POLL

IMPROVED VEHICLE ACCESS

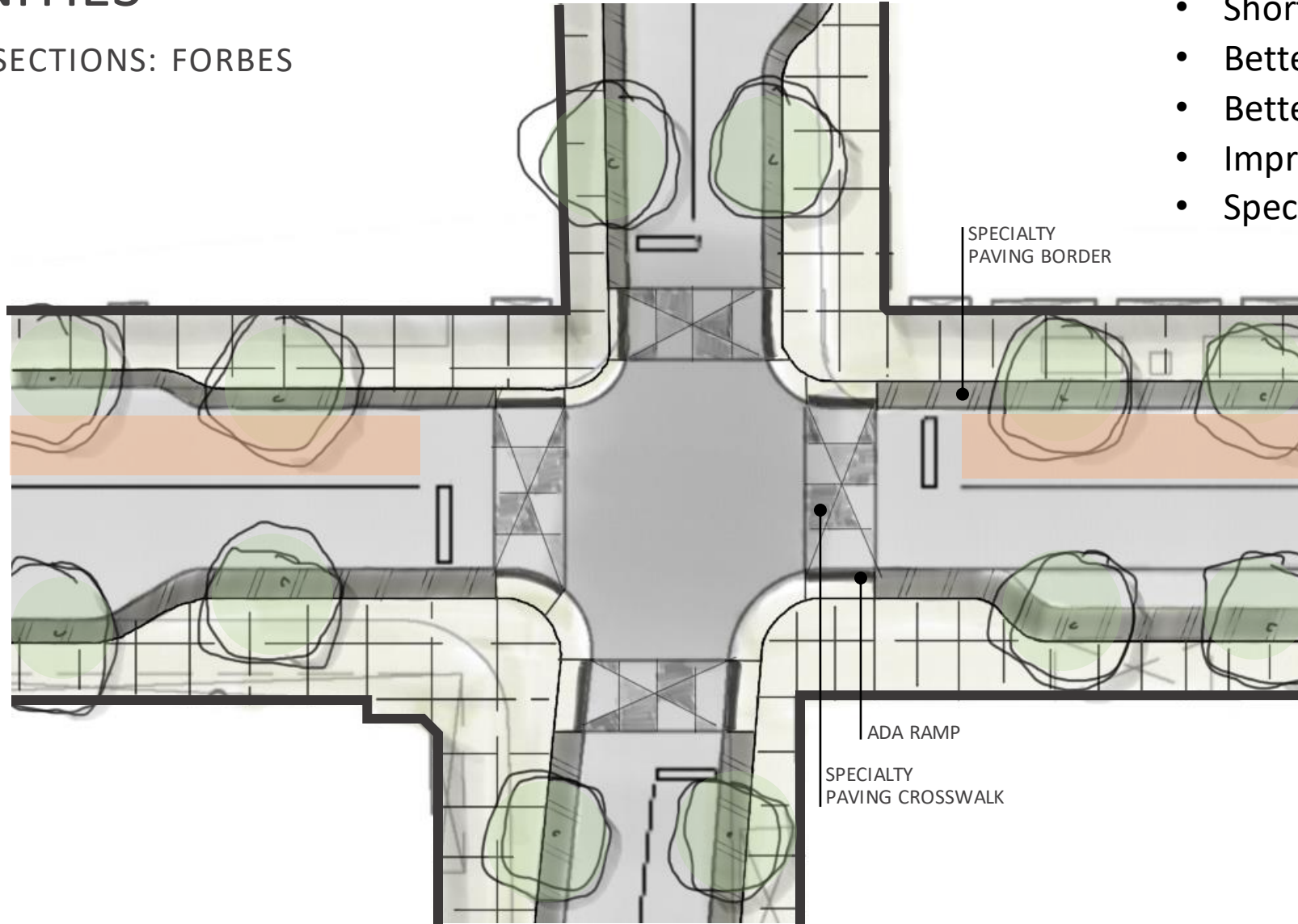
- What improvement represents what you feel would best enhance traffic flow along Smithfield Street?

1. What improvement represents what you feel would best enhance traffic flow along Smithfield Street?



OPPORTUNITIES

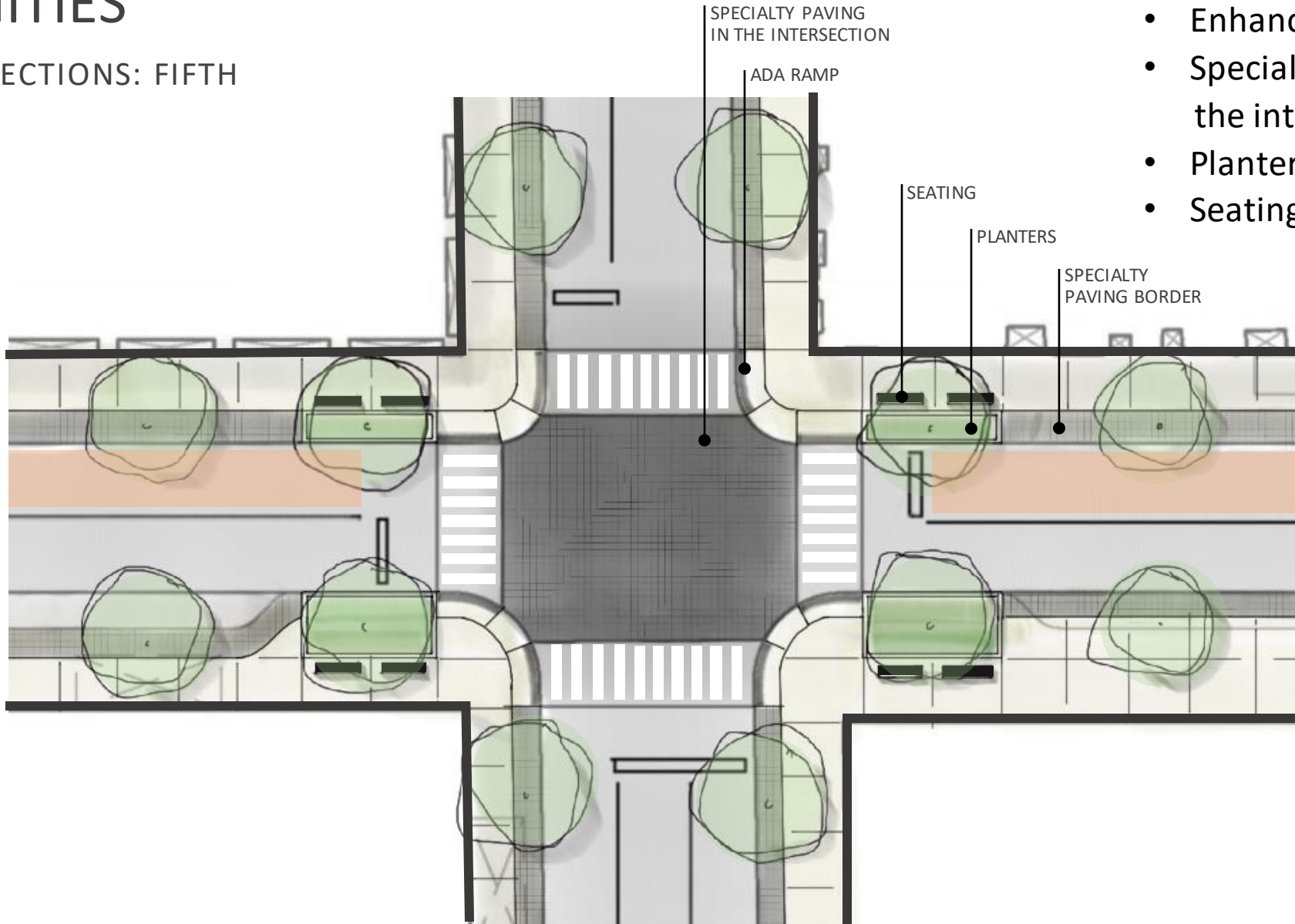
IMPROVED INTERSECTIONS: FORBES



- Shortened crosswalks
- Better sightlines
- Better lane alignment
- Improved ADA access
- Specialty border paving

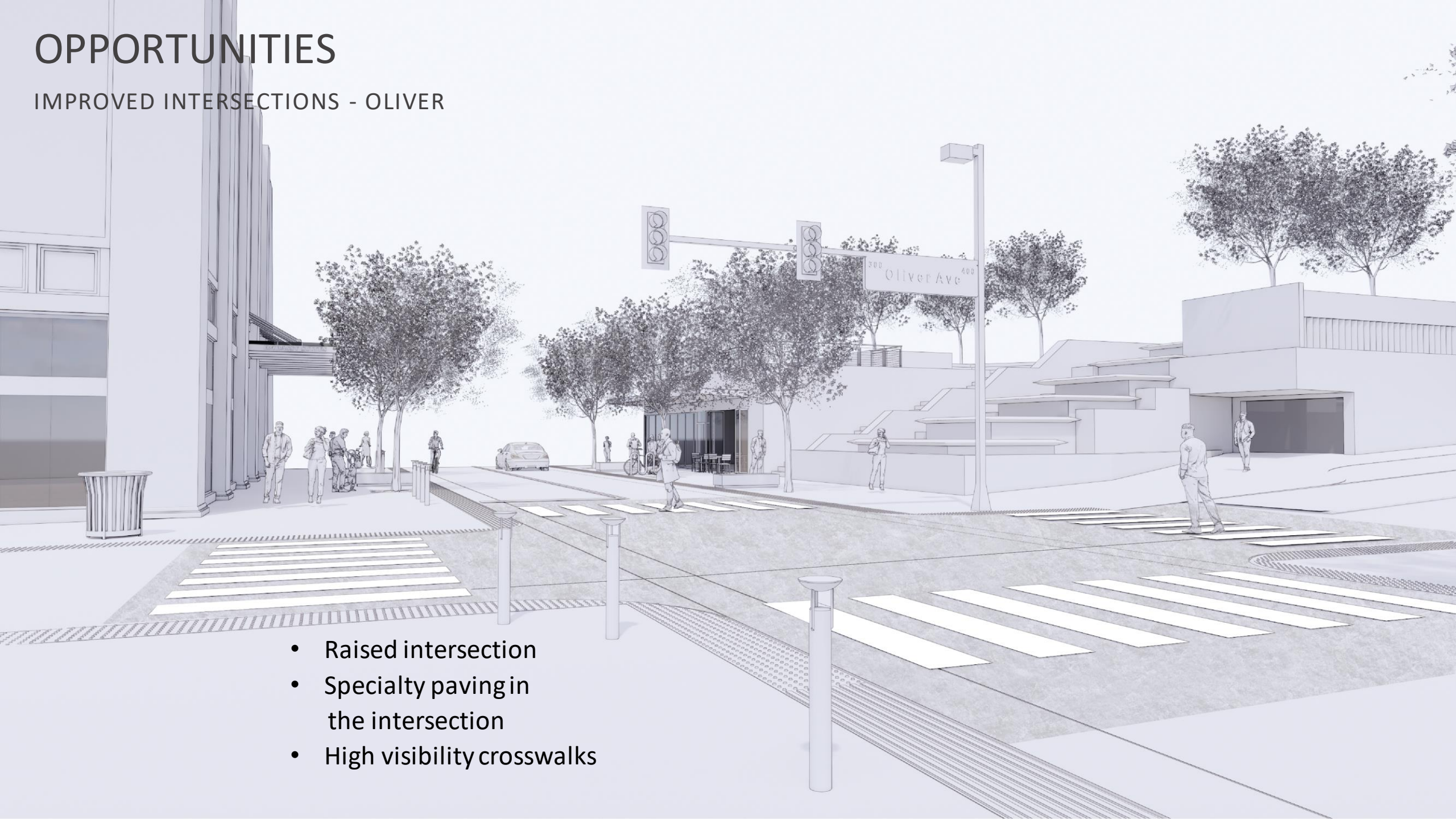
OPPORTUNITIES

IMPROVED INTERSECTIONS: FIFTH



OPPORTUNITIES

IMPROVED INTERSECTIONS - OLIVER



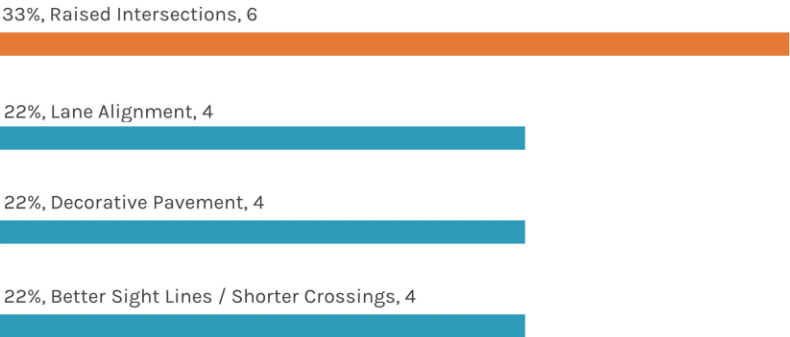
- Raised intersection
- Specialty paving in the intersection
- High visibility crosswalks

OPPORTUNITY POLL

IMPROVED INTERSECTIONS

- Which image represents what you feel would best improve the intersections along Smithfield Street?

2. Which image represents what you feel would best improve the intersections along Smithfield Street?



OPPORTUNITY -IMPROVED TRANSIT AMENITIES

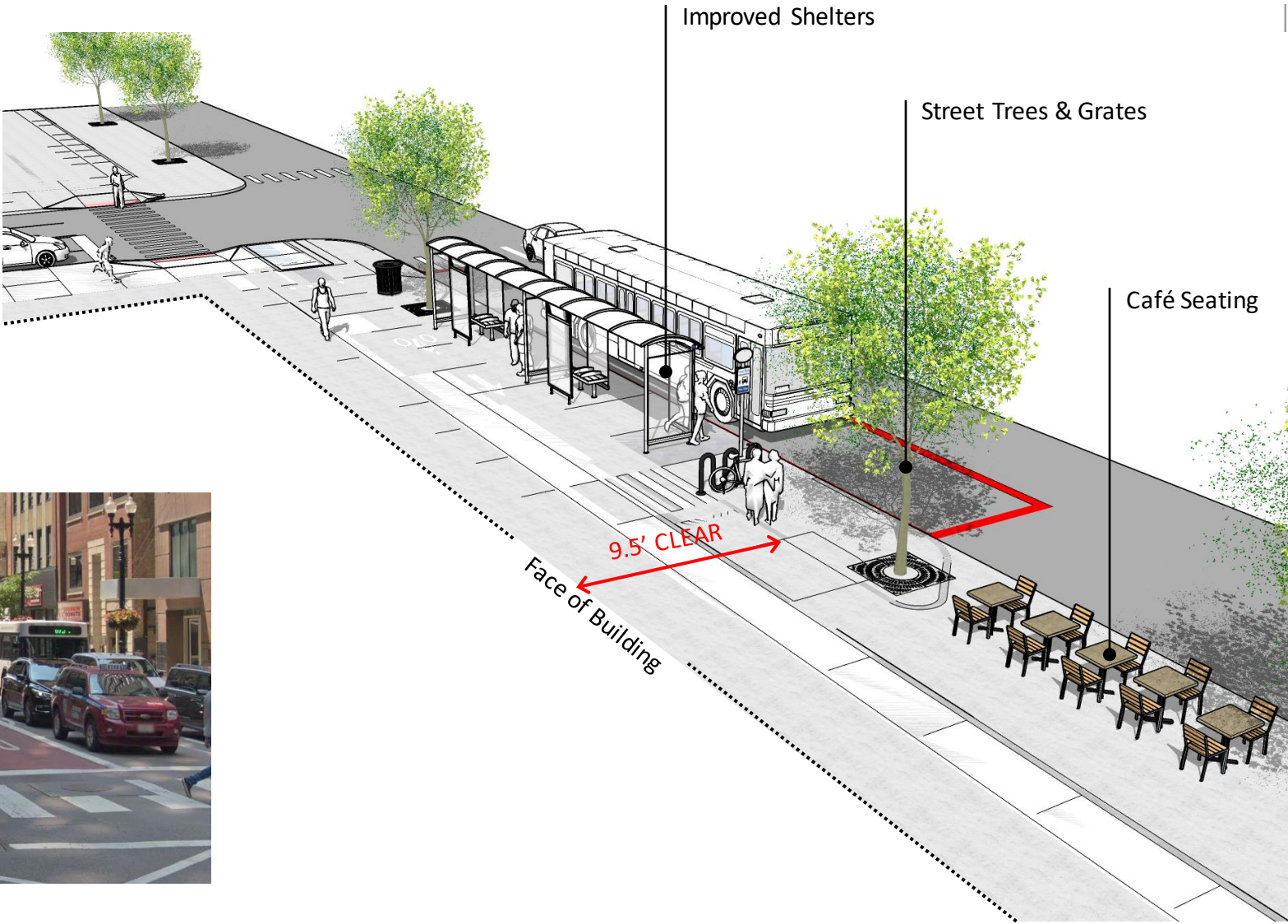


- Improved Shelters
- Better signage
- Enhanced wayfinding

Artistic rendering of an enhanced bus stop along Liberty Avenue, credit: Arup

CREATING MORE SPACE FOR TRANSIT

TRANSIT AMENITIES

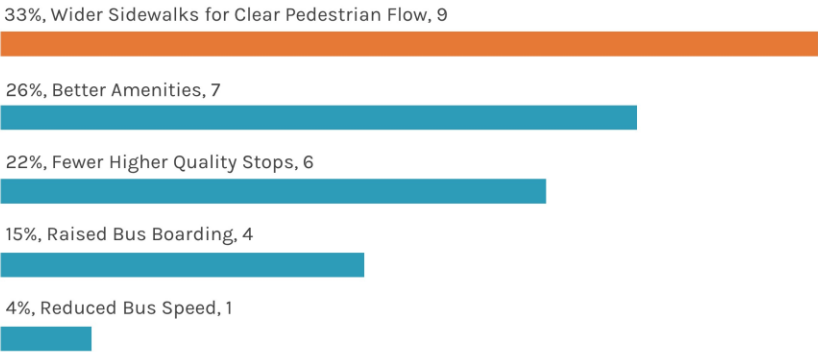


OPPORTUNITY POLL

TRANSIT AMENITIES

- Which image represents what you feel would provide the best transit amenities along Smithfield Street?

3. Which image represents what you feel would provide the best transit amenities along Smithfield Street?

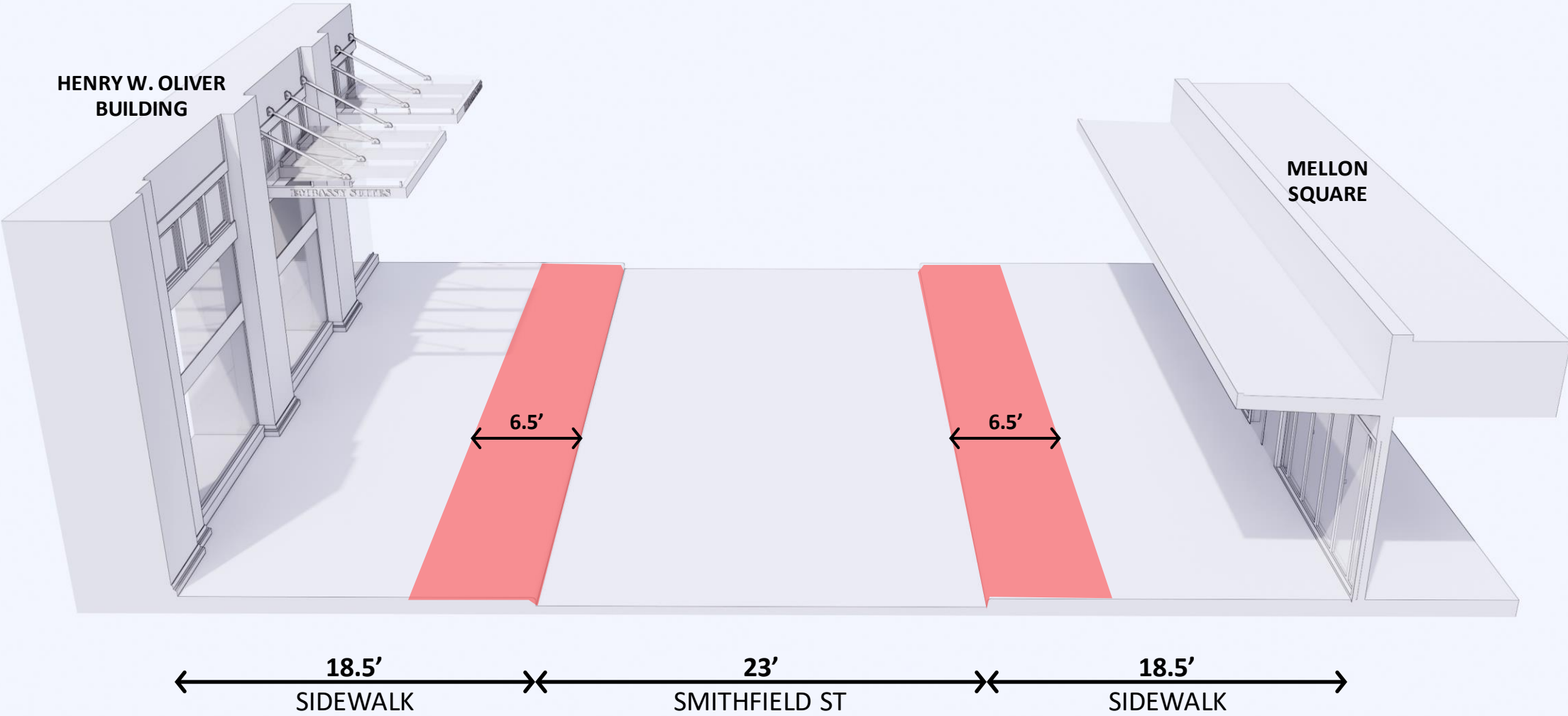


FEWER HIGHER QUALITY STOPS



OPPORTUNITIES

IMPROVED RETAIL EXPERIENCE – WIDER SIDEWALK



OPPORTUNITIES

IMPROVED RETAIL EXPERIENCE - AMENITIES



SMITHFIELD STREET

MATERIAL PALETTE



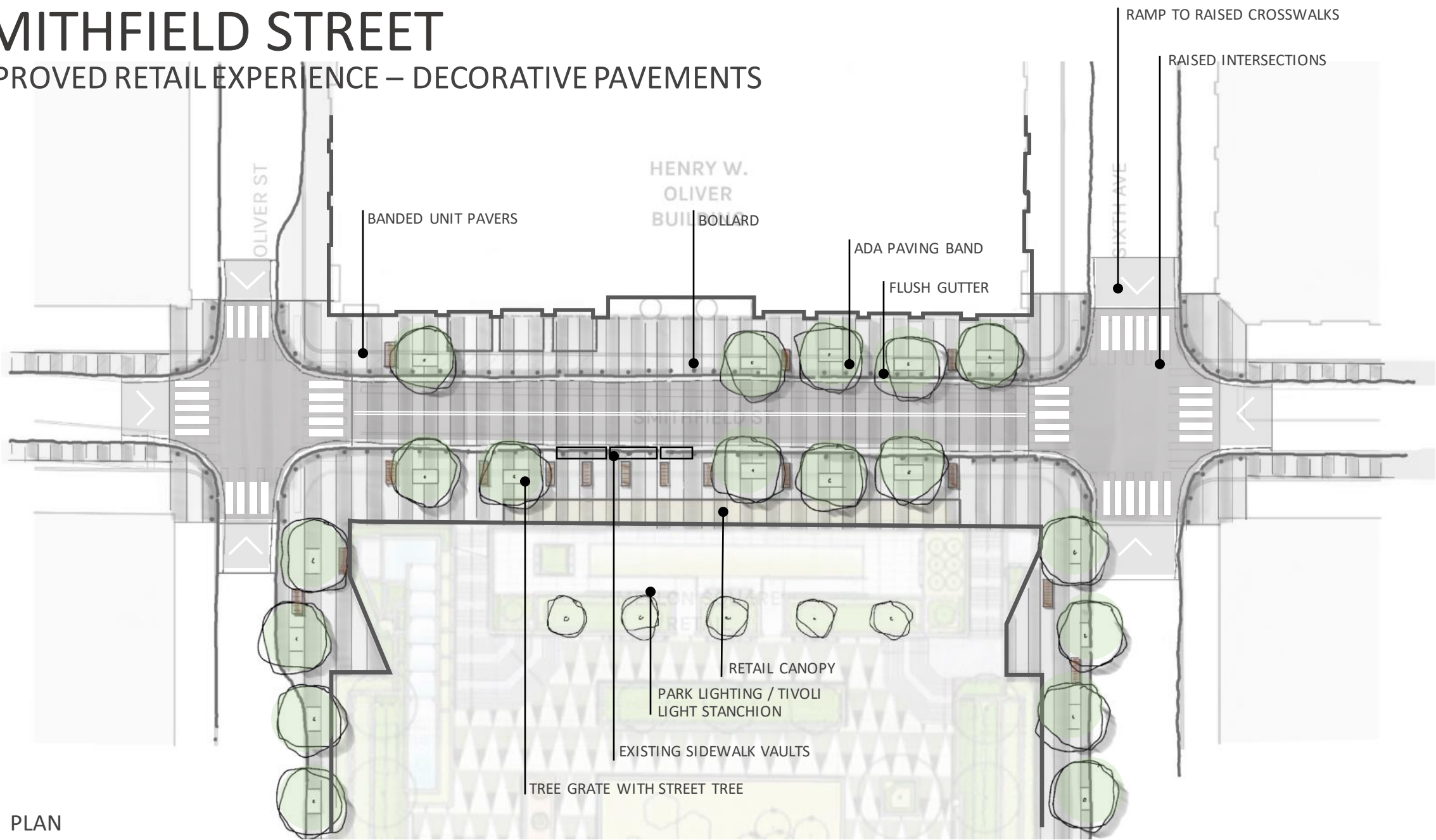
SMITHFIELD ST (LOOKING SOUTHEAST)

EXISTING STAIR/FOUNTAIN



SMITHFIELD STREET

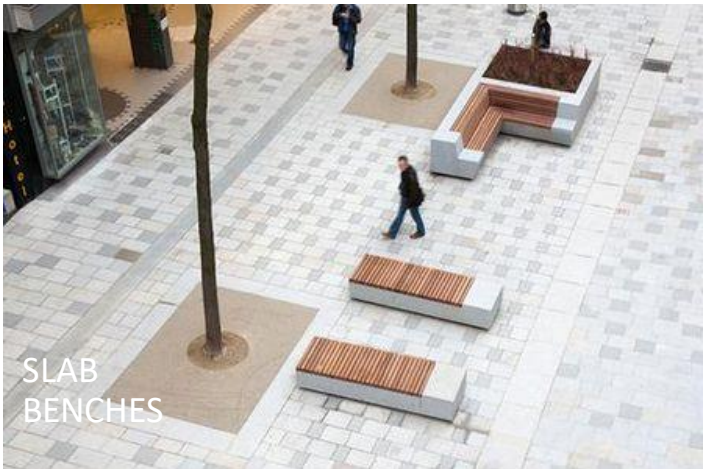
IMPROVED RETAIL EXPERIENCE – DECORATIVE PAVEMENTS



PLAN

SMITHFIELD STREET

MATERIAL PALETTE



SMITHFIELD STREET

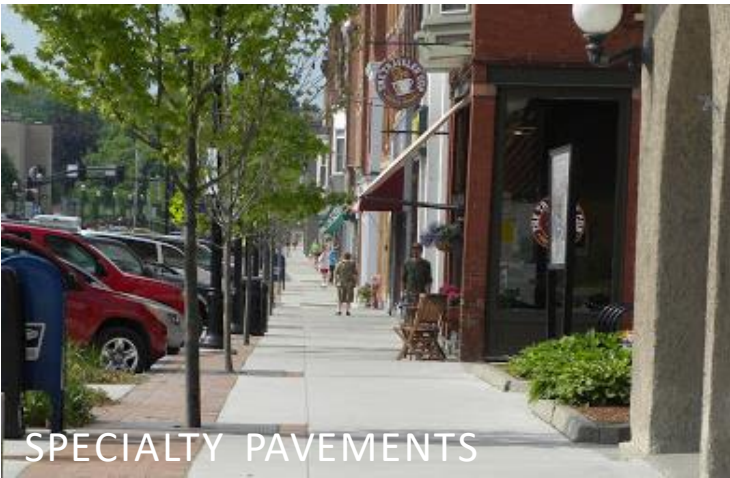
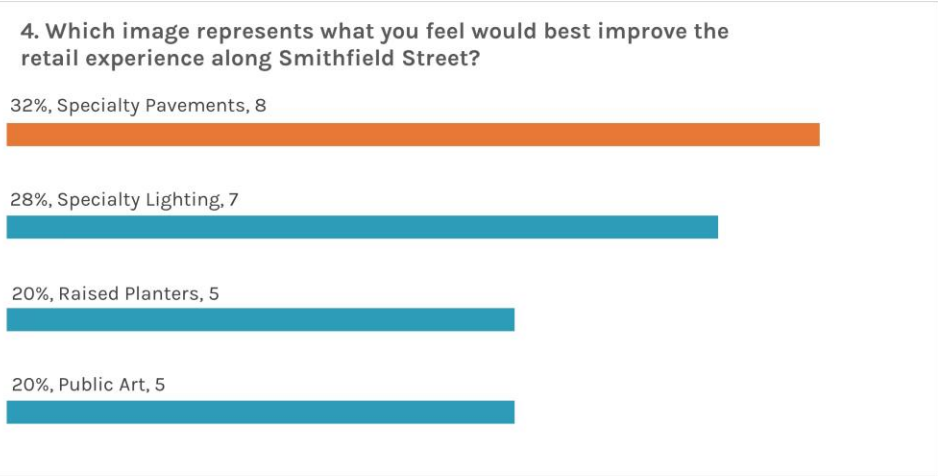
MATERIAL PALETTE ENHANCEMENTS



OPPORTUNITY POLL

IMPROVED RETAIL EXPERIENCE

- Which image represents what you feel would best improve the retail experience along Smithfield Street?



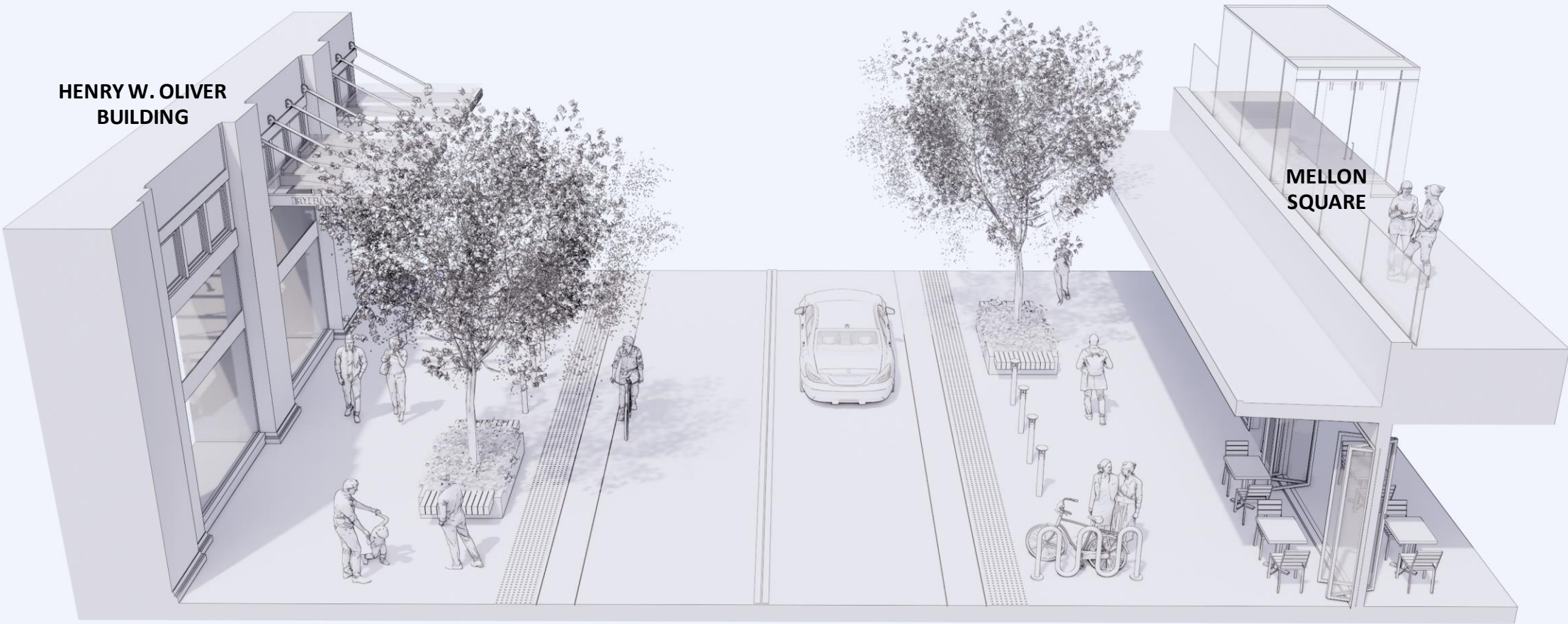
OPPORTUNITIES – SHARED STREET

CASE STUDIES



OPPORTUNITIES

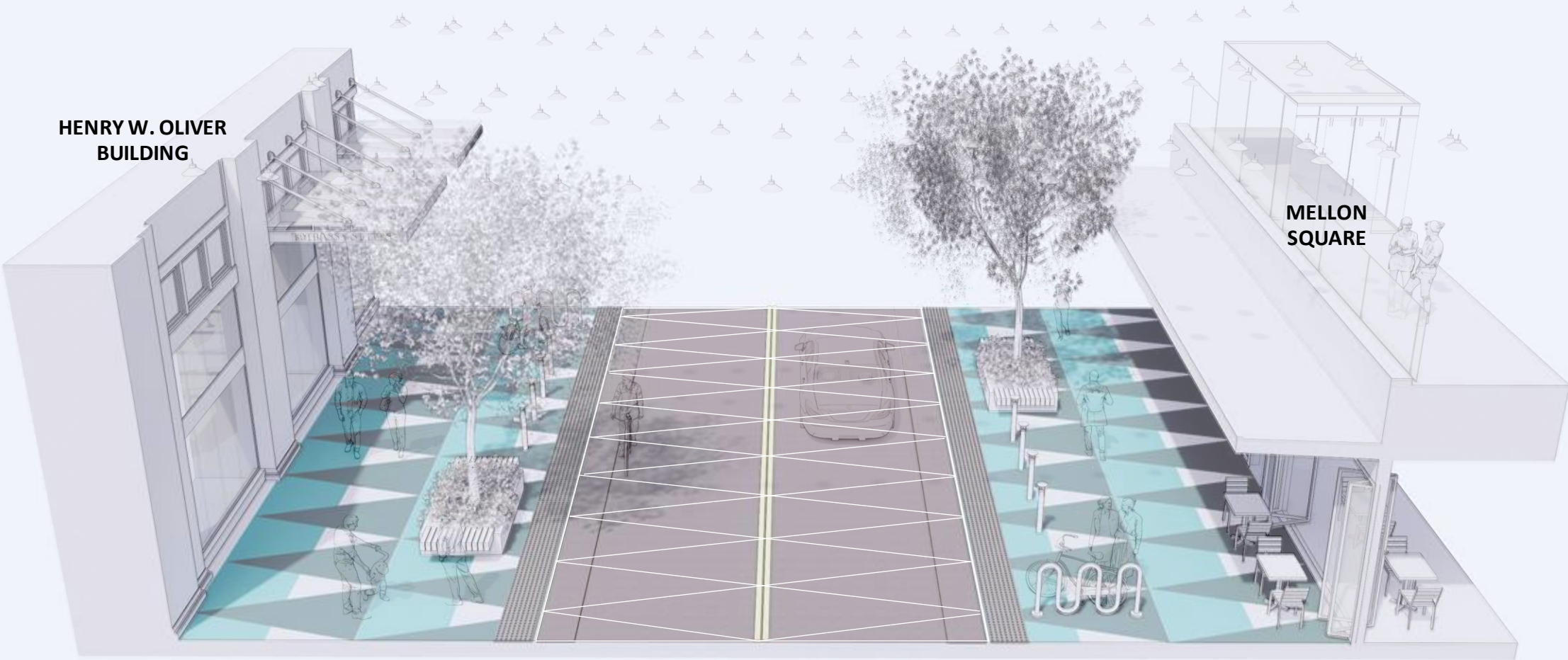
PEDESTRIAN FIRST PLACEMAKING



← CURBLESS SMITHFIELD ST →

OPPORTUNITIES

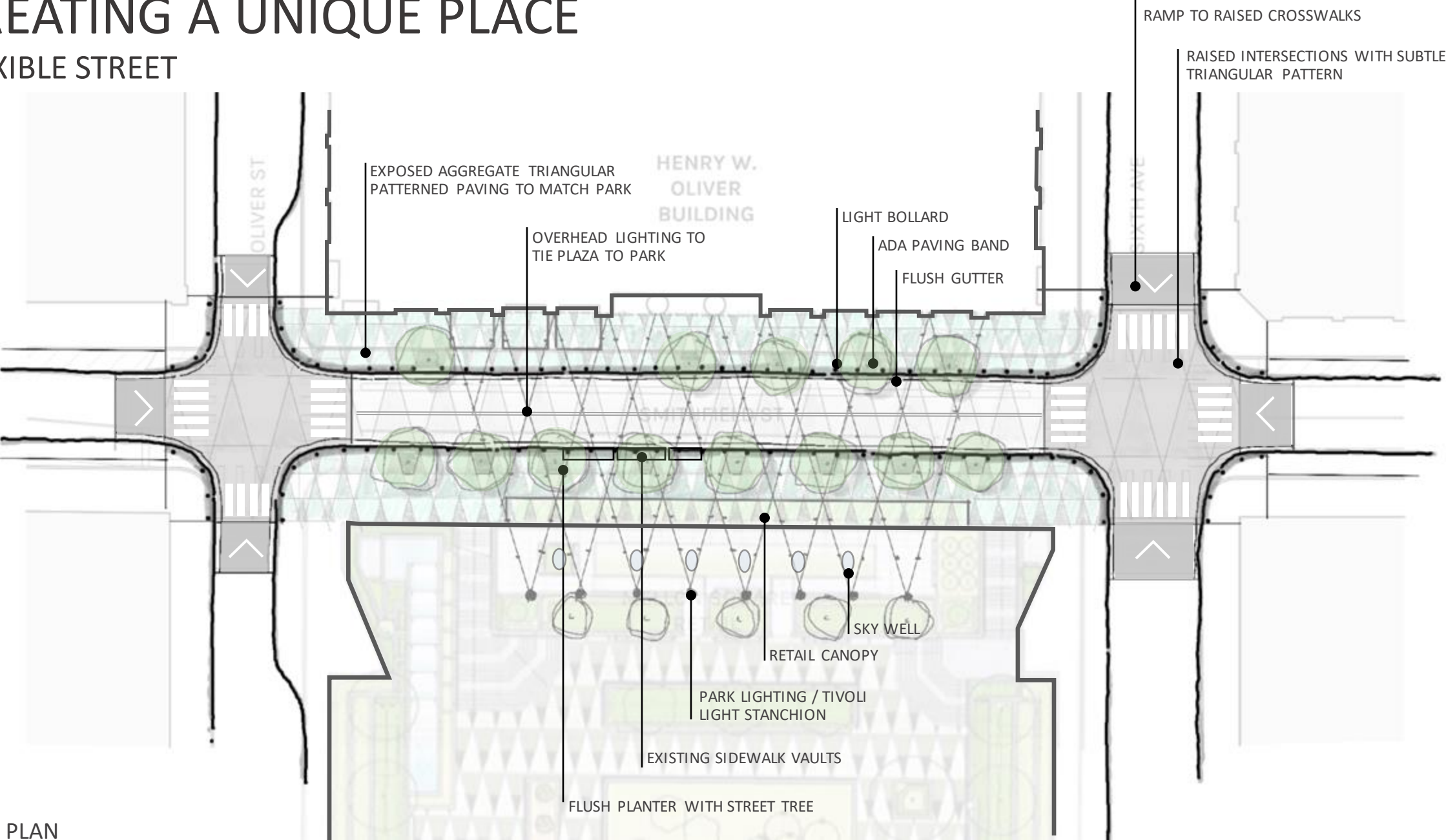
CELEBRATING CULTURAL ASSETS



← CURBLESS SMITHFIELD ST →

CREATING A UNIQUE PLACE

FLEXIBLE STREET



PLAN

OPPORTUNITY POLL

FLEXIBLE STREET

- Which image represents what you feel would provide the best flexibility along Smithfield Street?

5. Which image represents what you feel would provide the best flexibility along Smithfield Street?

45%, No Curb / Wider Sidewalk, 10



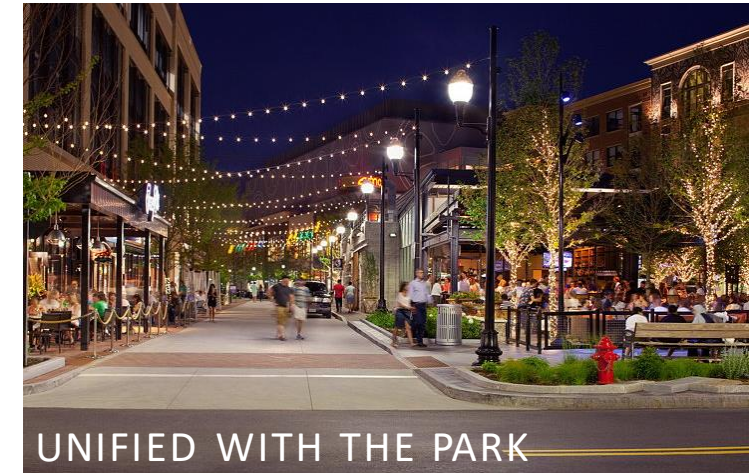
36%, Prioritizing the Pedestrian, 8



14%, Additional Programming, 3

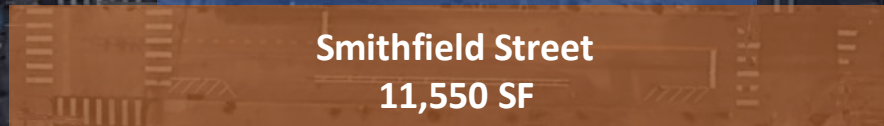


5%, Unified with the Park, 1

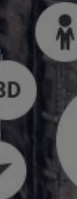


OPPORTUNITIES

CONNECTION TO MELLON SQUARE PARK

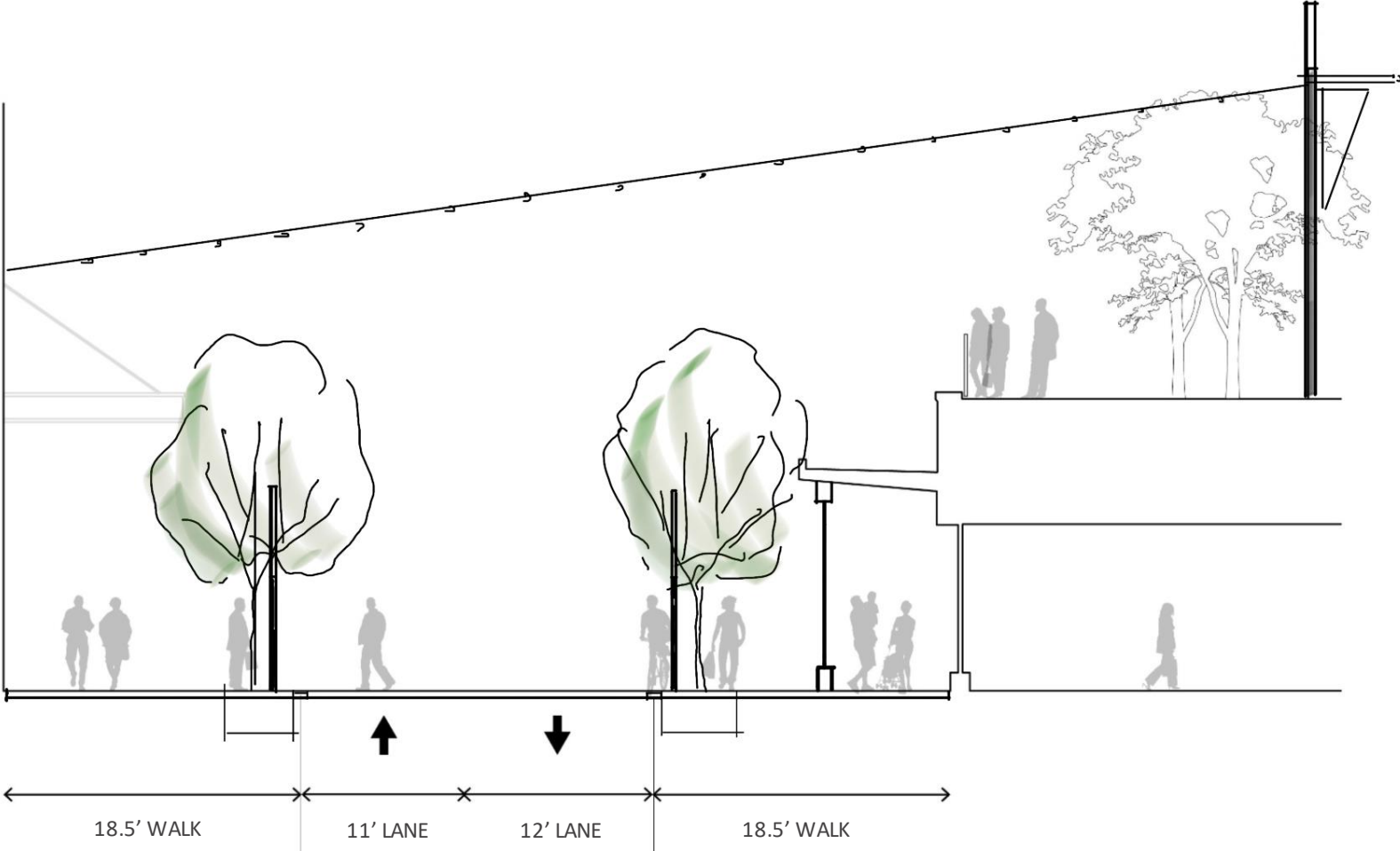


NORTH



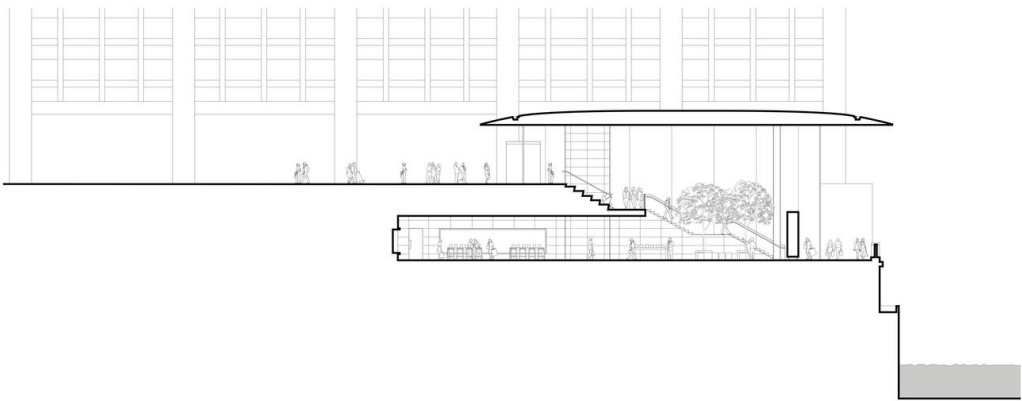
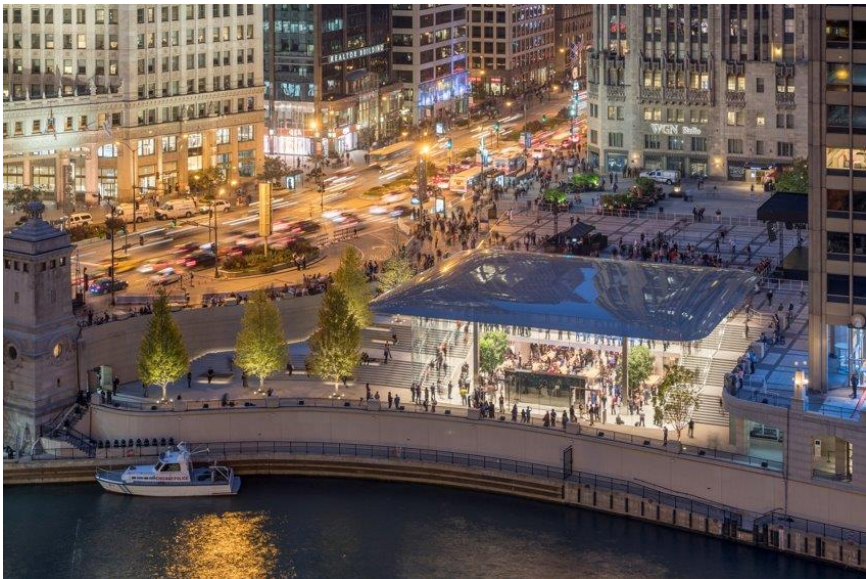
OPPORTUNITIES

CONNECTION TO MELLON SQUARE PARK - LIGHTING



OPPORTUNITIES

CASE STUDIES



OPPORTUNITIES – EXISTING STREET

CONNECTION TO MELLON SQUARE PARK



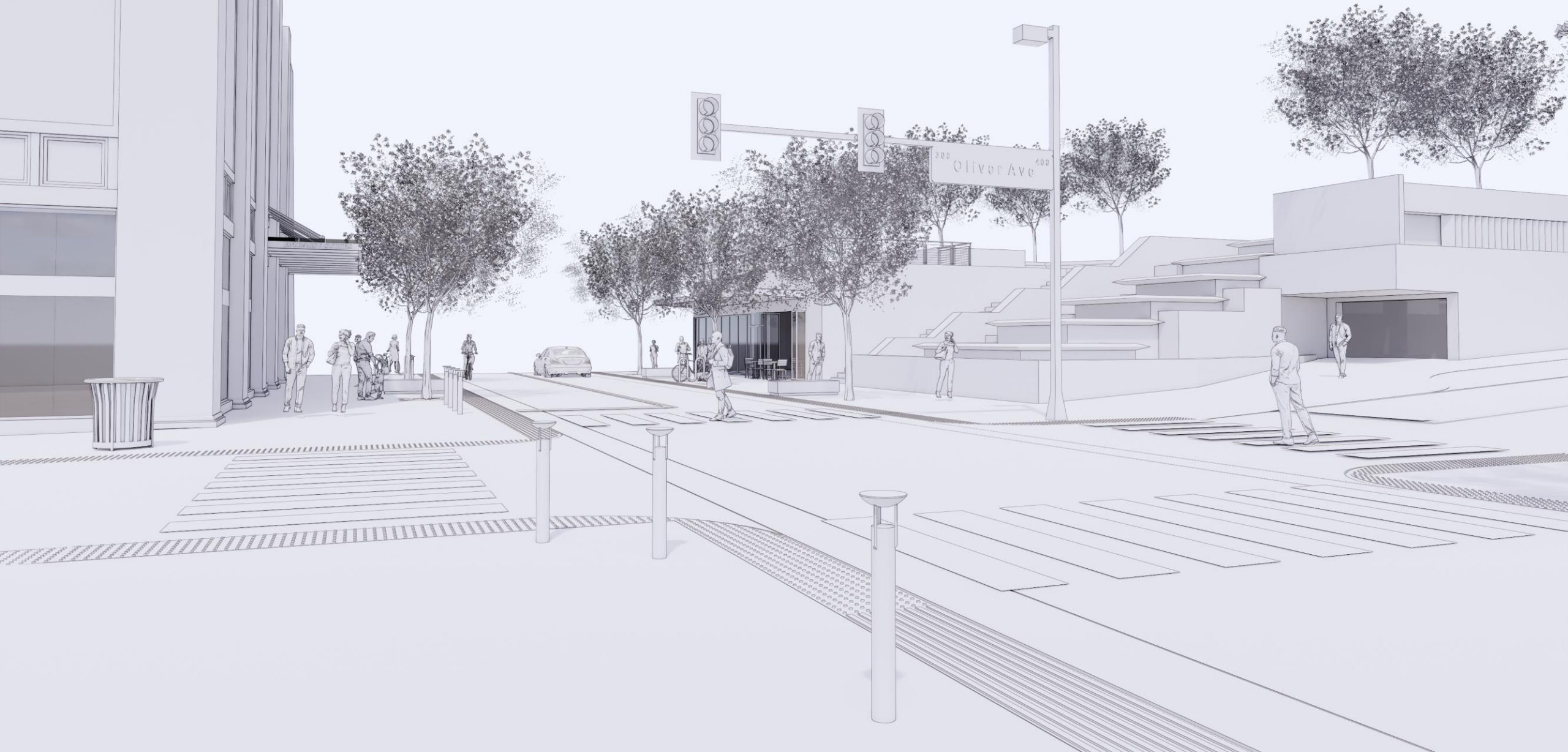
OPPORTUNITIES – WIDER SIDEWALKS

CONNECTION TO MELLON SQUARE PARK



OPPORTUNITIES – FLEX STREET (CURBLESS)

CONNECTION TO MELLON SQUARE PARK



OPPORTUNITIES – PARK IMPROVEMENTS

CONNECTION TO MELLON SQUARE PARK



OPPORTUNITIES

CONNECTION TO MELLON SQUARE PARK

Art/Sculpture

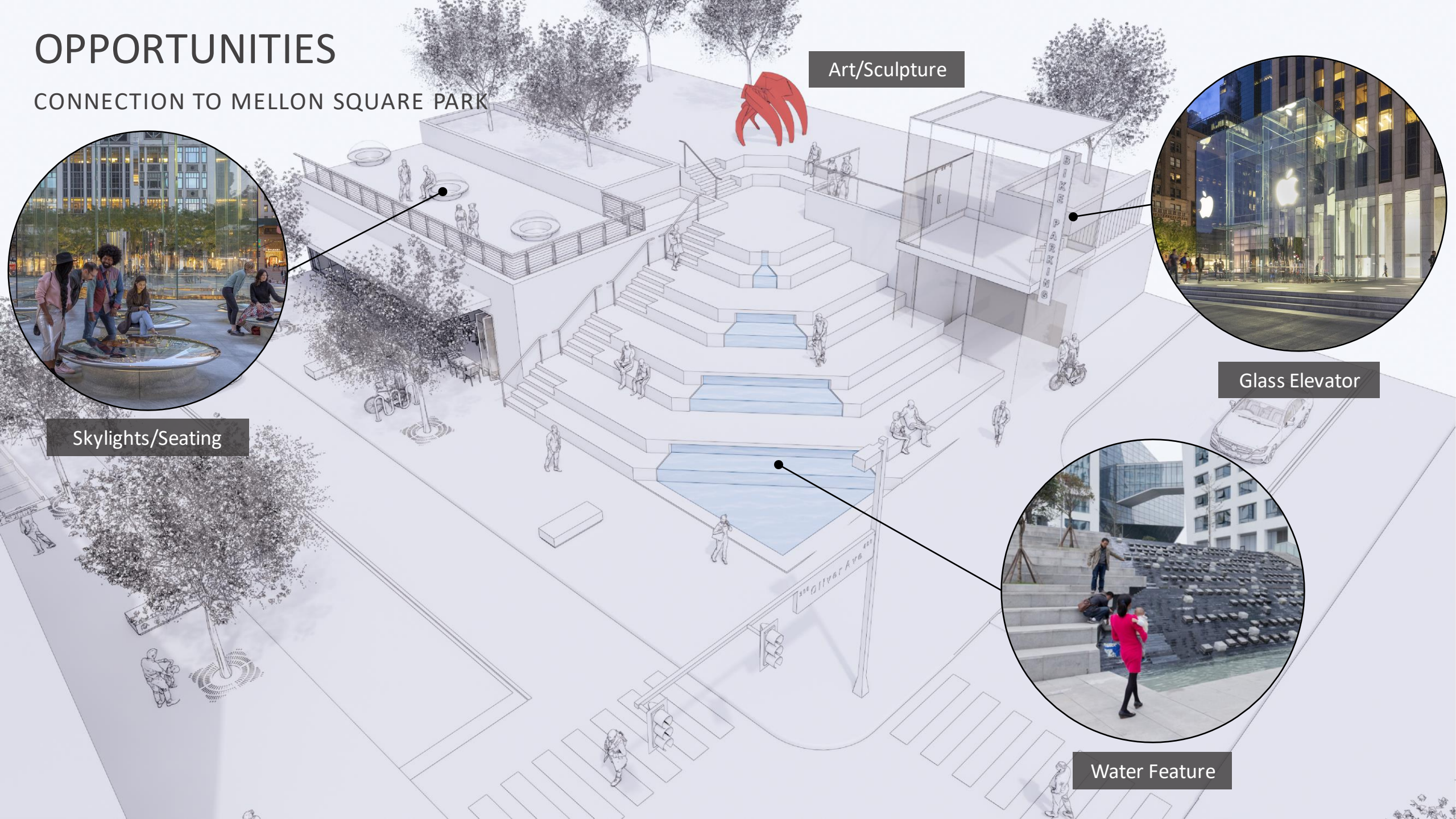


Glass Elevator



Water Feature

Skylights/Seating



OPPORTUNITY POLL

CONNECTION TO MELLON SQUARE PARK

- Which image represents what you feel would provide the best connection between Mellon Square Park and Smithfield Street?

6. Which image represents what you feel would provide the best connection between Mellon Square Park and Smithfield Street?



OPPORTUNITY POLL

PRIORITIZATION

- Prioritize your top two opportunities along Smithfield Street



- 1.) IMPROVED VEHICLE ACCESS
- 2.) IMPROVED INTERSECTIONS
- 3.) BETTER TRANSIT AMENITIES
- 4.) IMPROVED RETAIL EXPERIENCE
- 5.) FLEXIBLE STREET
- 6.) CONNECTION TO MELLON SQUARE PARK



QUESTIONS

CASE STUDIES

QUEEN'S QUAY, TORONTO



CASE STUDIES

COLLEGE AVENUE, TEMPE AZ



OPPORTUNITIES

CONNECTION TO MELLON SQUARE PARK

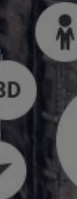
Market Square
50,000 SF

Mellon Square Park
35,000 SF

Agnes R.
Katz Plaza
11,000 SF



NORTH



OPPORTUNITIES

CONNECTION TO MELLON SQUARE PARK



OPPORTUNITIES – EXISTING

CONNECTION TO MELLON SQUARE PARK



OPPORTUNITIES

CONNECTION TO MELLON SQUARE PARK

