

# 2022 INSTITUTIONAL MASTER PLAN



April 2021




# 2012 INST. MASTER PLAN





# 2012 IMP PROJECTS

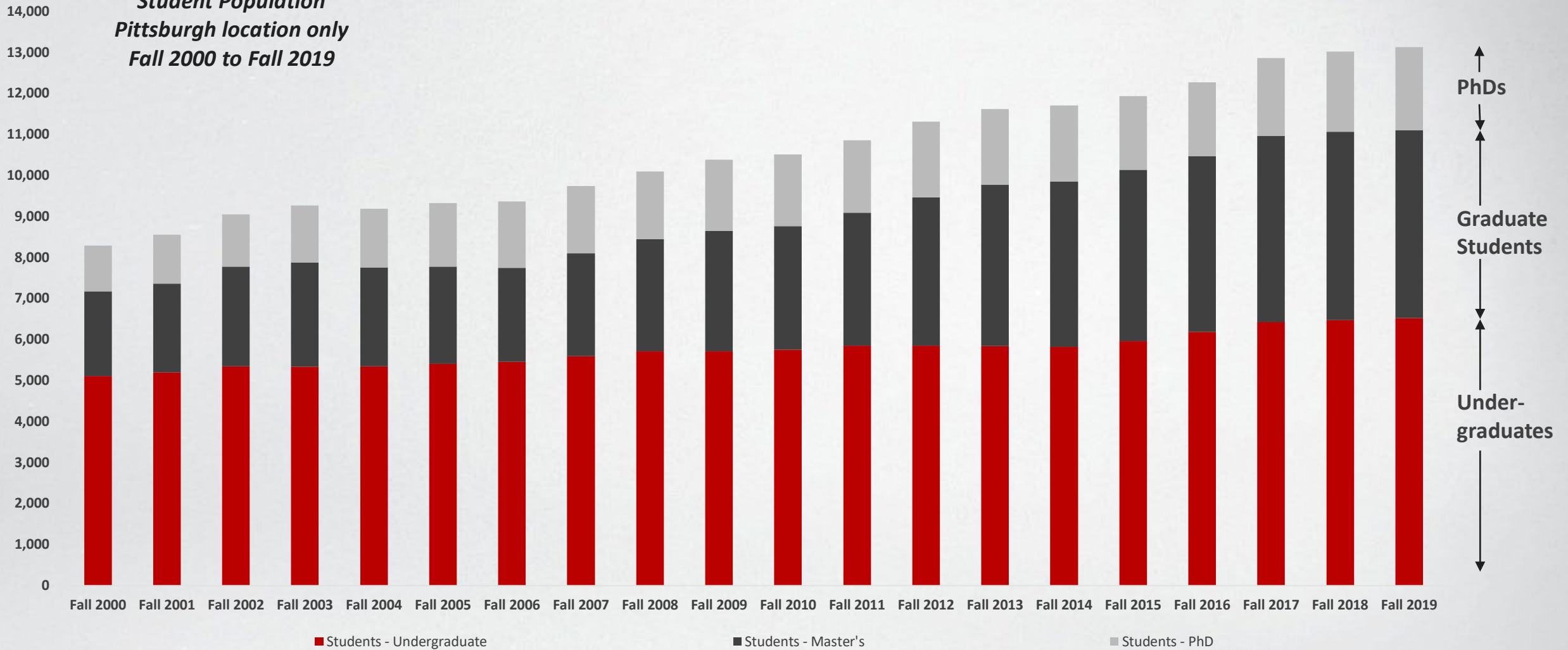
PROJECTS  
COMPLETED  
/ UNDERWAY

 Projects  
Completed/Underway  
under 2012 IMP



# STUDENT POPULATION TRENDS

*Student Population  
Pittsburgh location only  
Fall 2000 to Fall 2019*





# CMU IN PITTSBURGH





# SIMONDS PRINCIPLES

## BUILDING

Architecture  
Safety & Security  
Sustainability

## SPACE

Edges, Entrances & Connections  
Open Space  
Public Art

## COMMUNITY CONTEXT

Mixed Use  
Neighborhood Compatibility

## MOVEMENT

Multi-Modal Transportation  
Universal Access

# SUSTAINABILITY

## WORLD

Commitment to 2030 United Nations SDG

Completion of Voluntary University Review



## CITY

Founding partner of 2030 District Expansion to Oakland

Exceeding several 2030 District goals



## PEER INSTITUTIONS

Outperforming 12 benchmarked peer institutions in similar climate bands

AASHE Stars Gold



## UNIVERSITY

2021 Utilities Master Plan

Simonds Principles

1.35M+ SF LEED-certified buildings





# 2022 MASTER PLAN PRINCIPLES

## DESIGN

Reinforce the Connection of Design and Values  
Create an Enduring Framework of Campus Spaces  
Develop Campus Buildings that are Timeless

## EXPERIENCE

Create Memorable Campus Gateways  
Encourage Collaboration Everywhere  
Foster a Lively On-Campus Lifestyle

## MOBILITY

Expand and Integrate Campus Connections  
Pedestrians>Bikes>Transit>Shared>Single Vehicles

## CONTEXT

Nurture S Craig Street as a Great College Street  
Enhance Connections to the City & Schenley Park

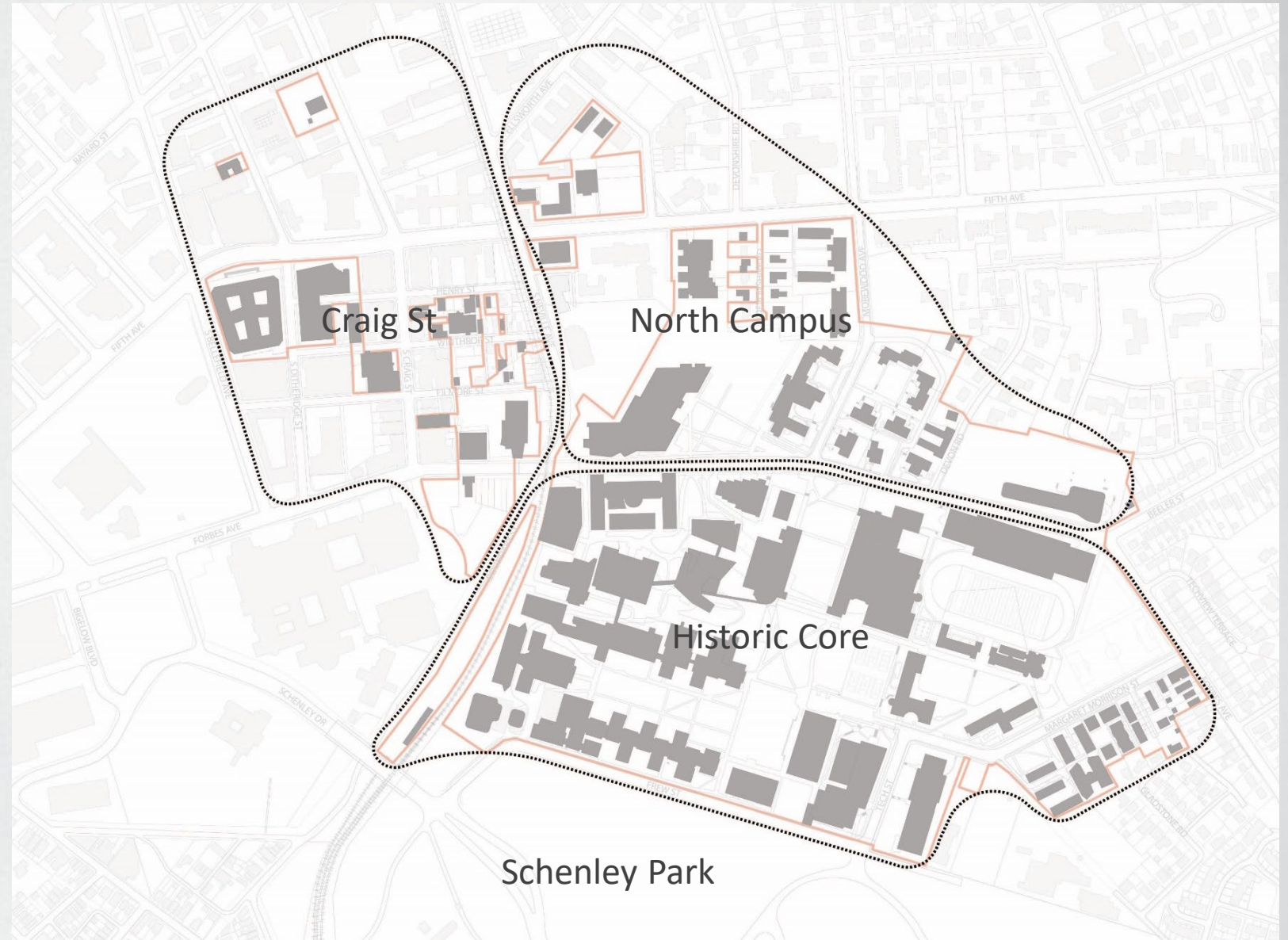
## OPPORTUNITY

Utilize Assets for Campus Growth  
Create a Campus that can Respond to a Dynamic Future



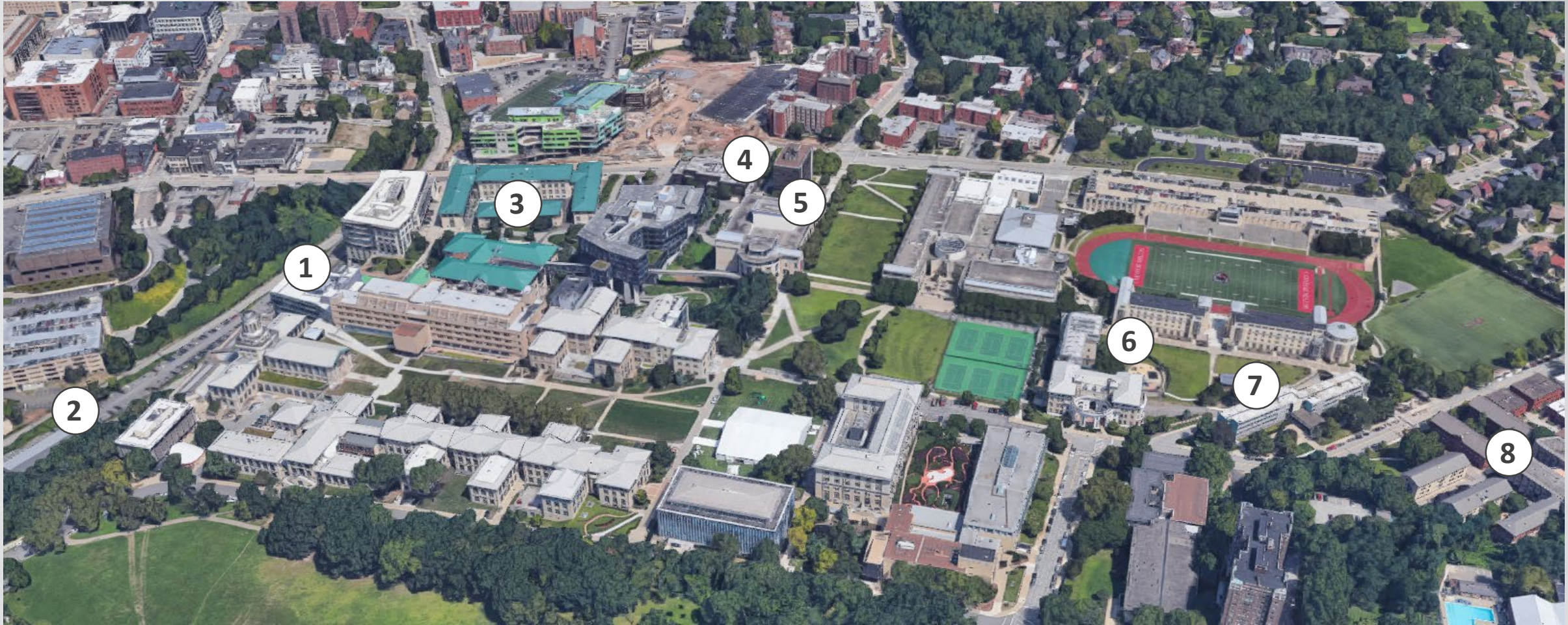
# 2022 MASTER PLAN THEMES

- Enhance the campus experience and develop additional academic sites in the Historic Core
- Build on the Tepper Quad to increase density in the North Campus and integrate the campus
- Support the urban framework of the Craig St area and connect it to campus
- Connect to Schenley Park and improve the Frew, Tech and M.Morrison Corridor





# DEVELOP NEW ACADEMIC SITES ON THE HISTORIC CORE



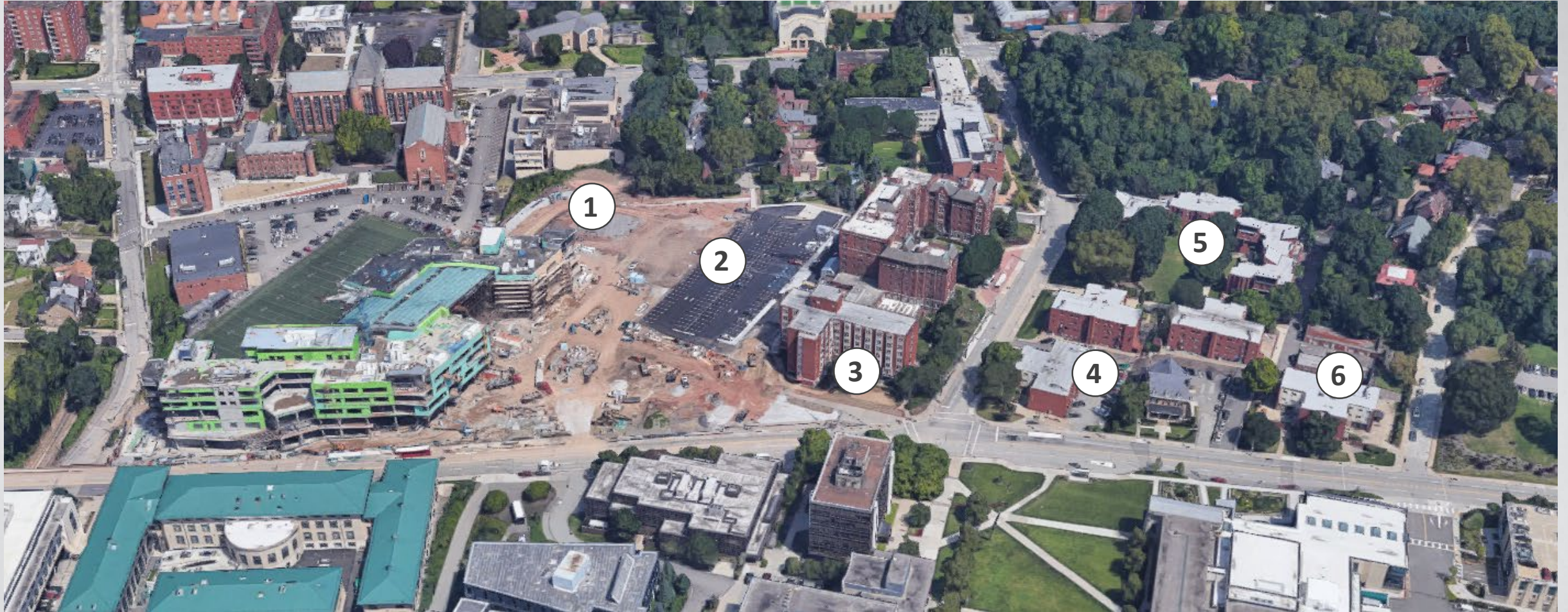
- 1 New building at FMS site
- 2 Move FMCS to S Neville
- 3 Hamburg atrium expansion

- 4 New building at Warner/Cyert
- 5 Purnell Expansion

- 6 M.Morrison Extension
- 7 New building(s) at Donner
- 8 Hamerschlag Commons



# INCREASE DENSITY ON THE NORTH CAMPUS



1 **Tepper Expansion**

2 **New Morewood building**

3 **E Tower Commons**

4 **New mixed-use building**

5 **Reconfigured housing quad  
with additional density**

6 **New housing building**



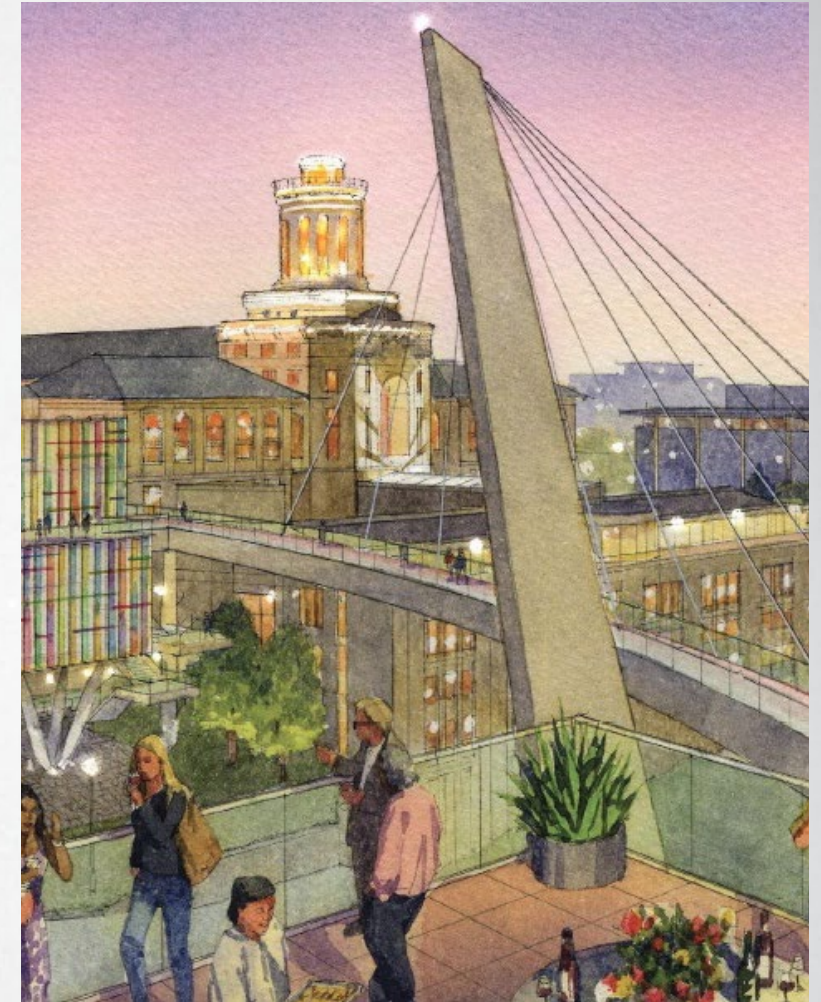
# STRENGTHEN CAMPUS CONNECTIONS



**Widen Sidewalk on Forbes Ave Bridge**



**Widen and Separate Sidewalk on Fifth Ave**

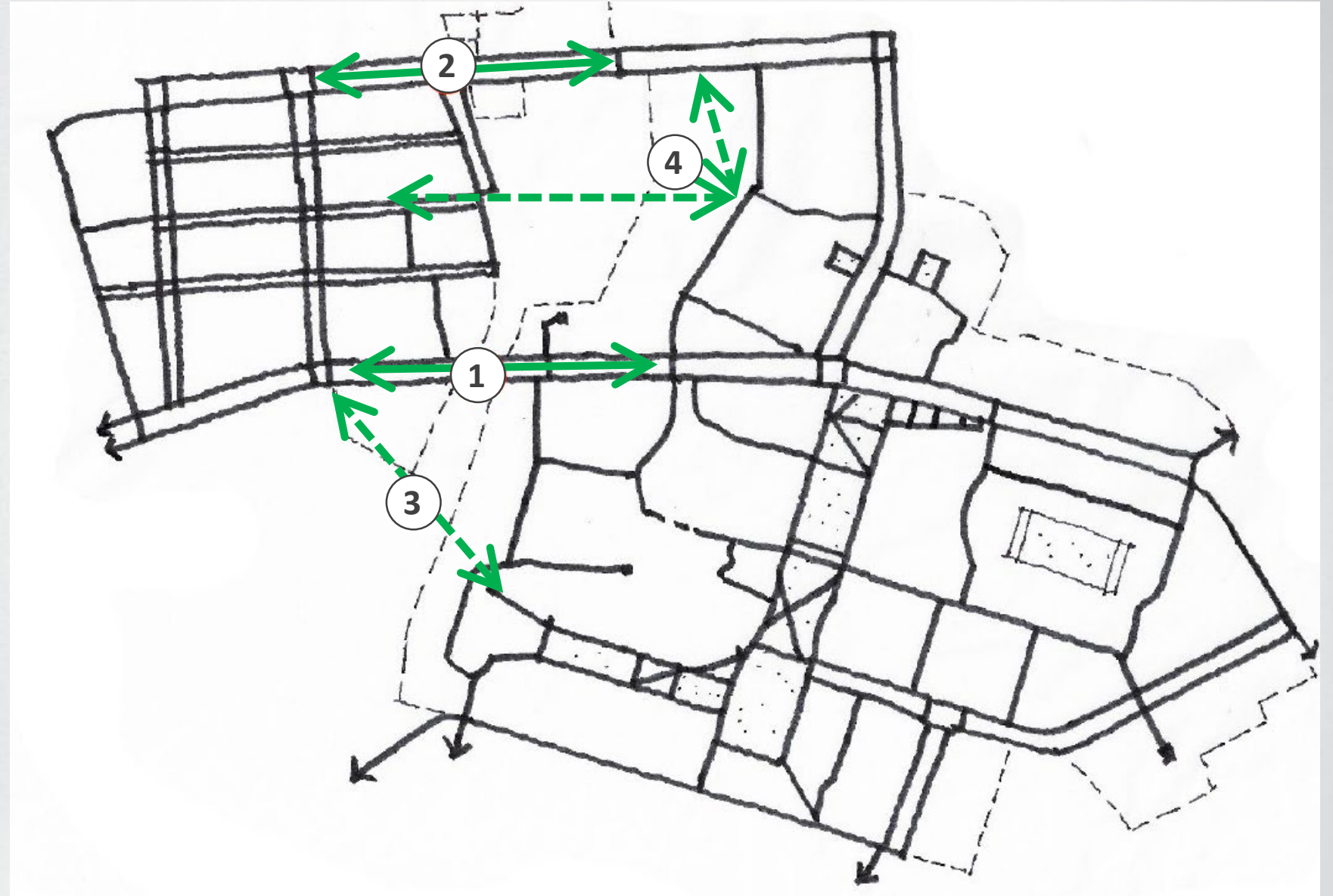


**New Ped Bridge from S Craig to the Mall**  
as part of Science@CMU project



# STRENGTHEN CAMPUS CONNECTIONS

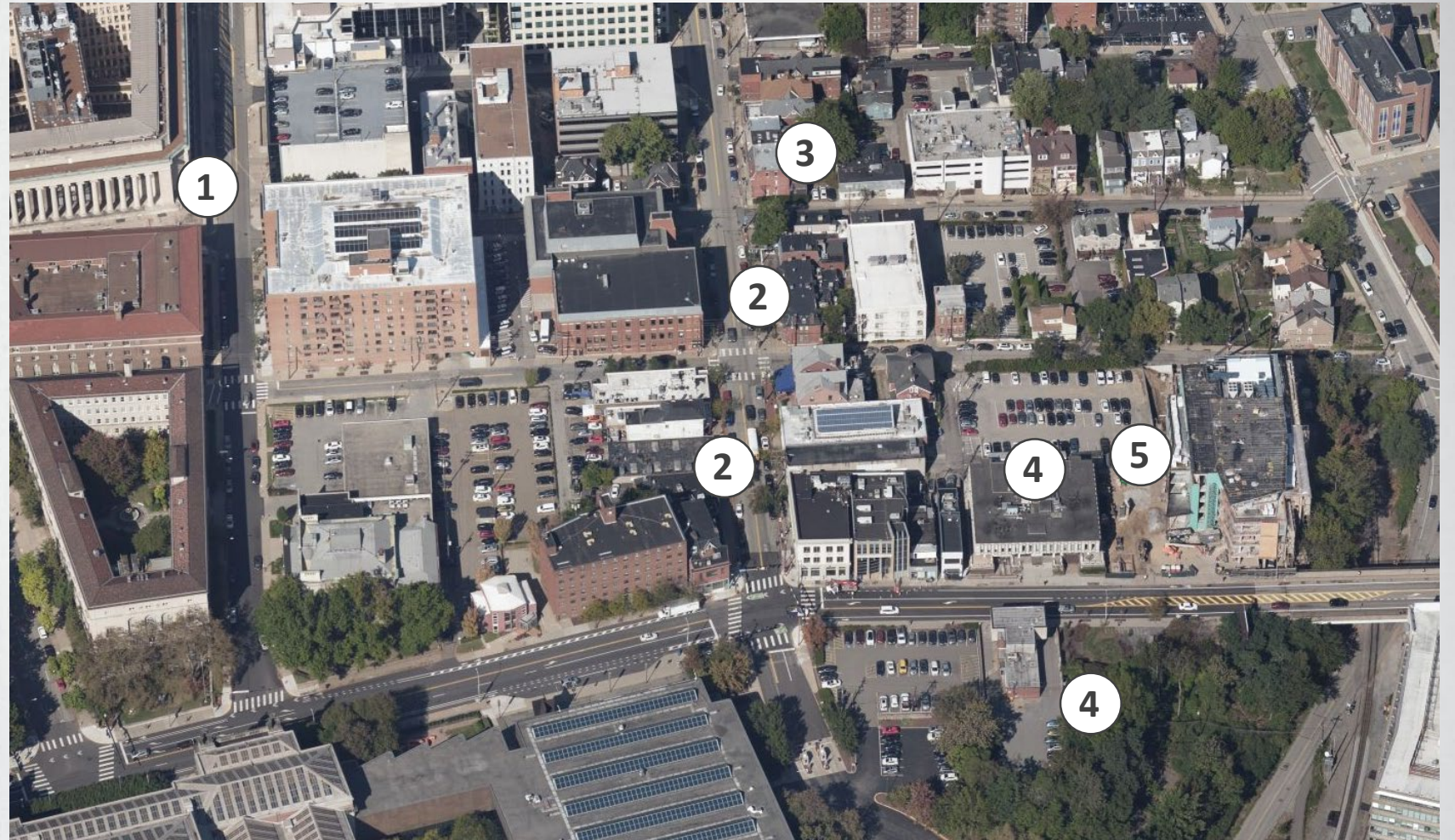
- 1 Widen sidewalk on Forbes Ave Bridge
- 2 Widen and separate sidewalks on Fifth Ave
- 3 New Ped/Bike Bridge from S.Craig/Forbes to Scott Hall
- 4 New Ped connections to WQED & Central Catholic





# CREATE A FRAMEWORK FOR CRAIG ST AREA DEVELOPMENT

- 1 Improve connections to Mellon Inst
- 2 Activate sidewalks and public spaces with dining
- 3 Create courtyard dining opportunities
- 4 New academic building
- 5 Linear open space





# MAKE CRAIG A GREAT COLLEGE STREET



Sidewalks too narrow for outdoor seating



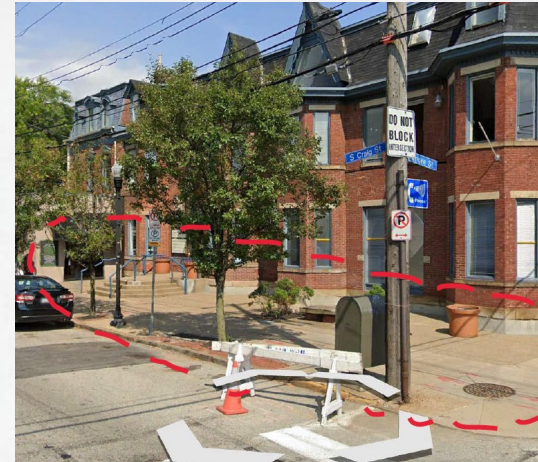
Create "Park-lets" for wider sidewalks



Blank walls along sidewalks



Activate and "Open-up" Ground Floors



Unused open spaces



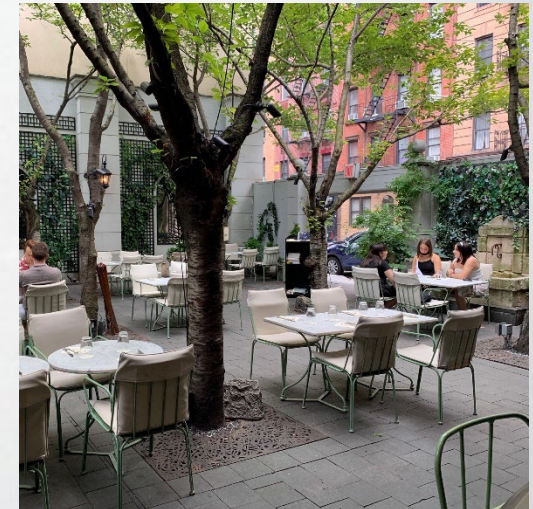
Utilize public spaces for dining



Rear and side yards that have no functions



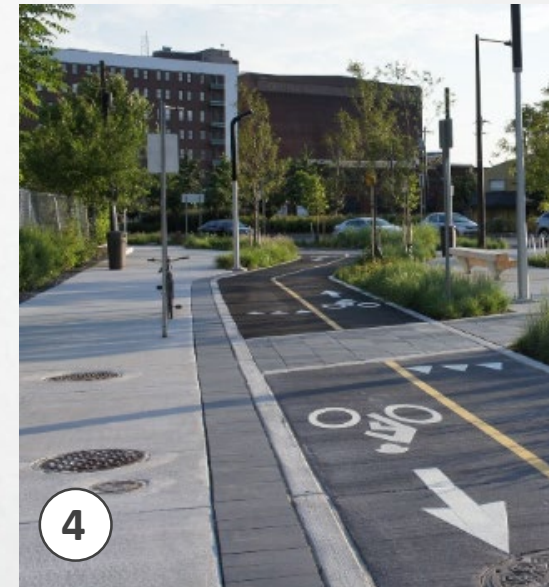
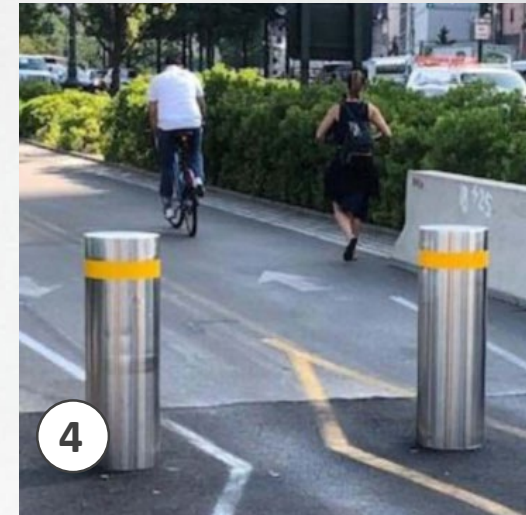
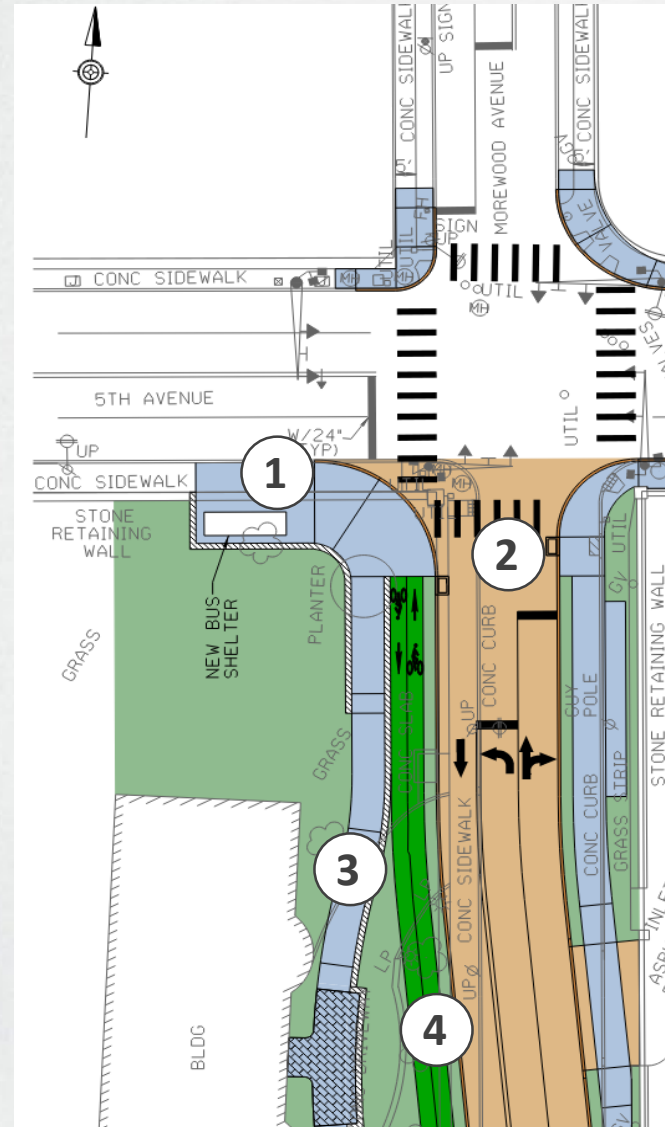
Create off-street courtyards for dining





# UPGRADE MOBILITY ON MOREWOOD AVE

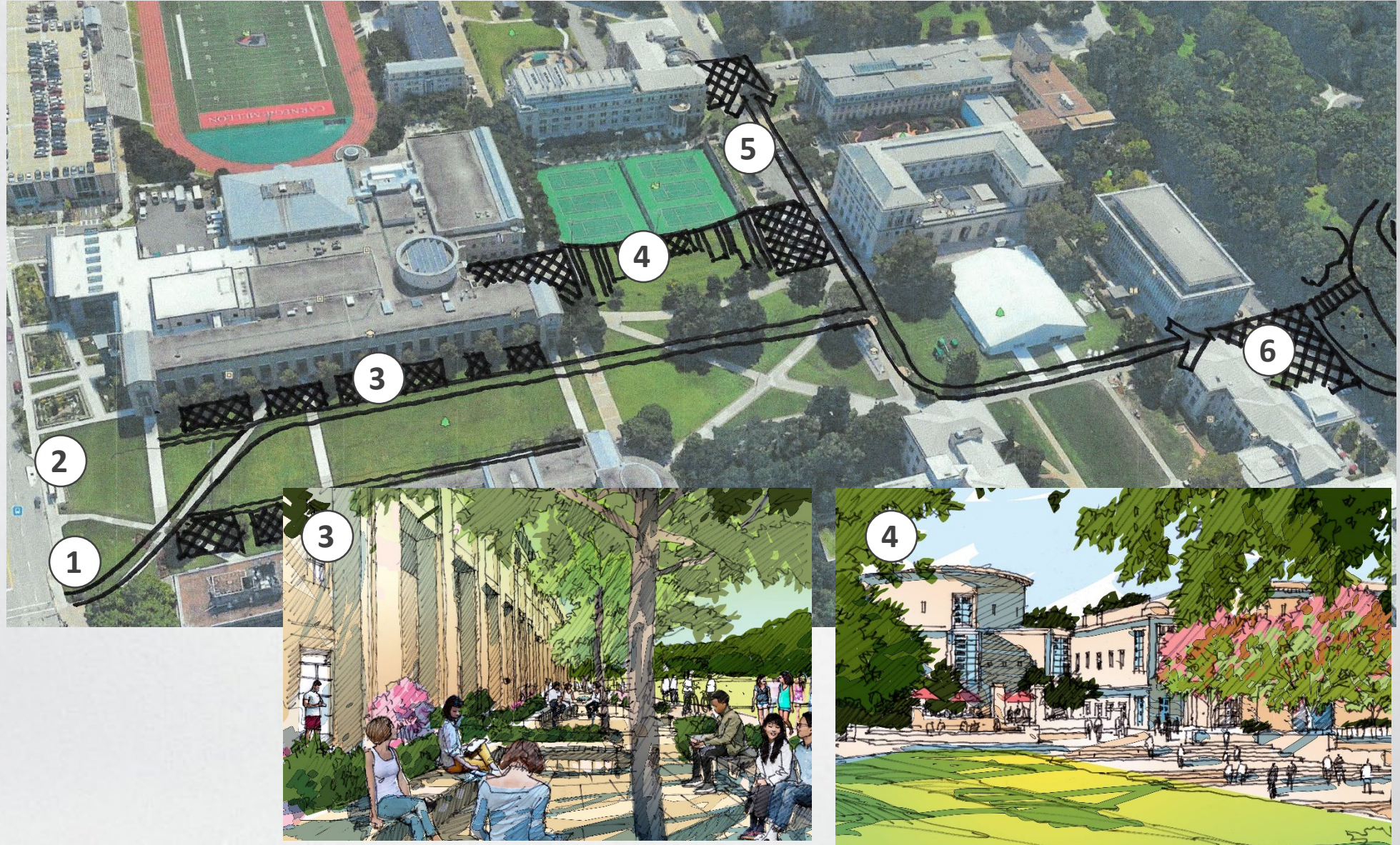
- 1 New Bus Rapid Transit Station
- 2 Re-aligned Fifth/Morewood intersection
- 3 Sidewalk relocated closer to residences
- 4 Two-way bike track between Fifth & Forbes





# ENHANCE THE CAMPUS EXPERIENCE

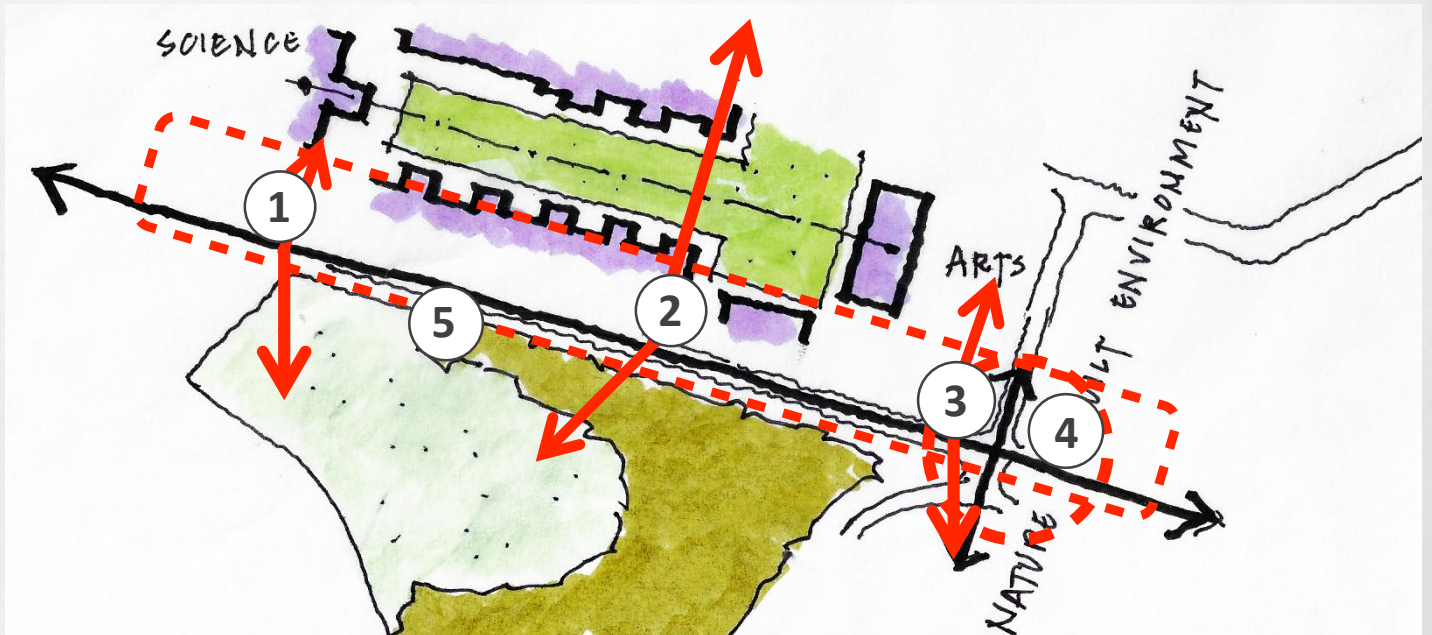
- 1 Bike track connection to Fifth Ave on Morewood
- 2 Bus Rapid Transit station
- 3 Bike track and seating upgrades on The Cut
- 4 Enhanced Beach with accessible paths
- 5 Reimagined CFA lot with Plaza and Short Term Parking
- 6 Entrance Plaza to Schenley Park





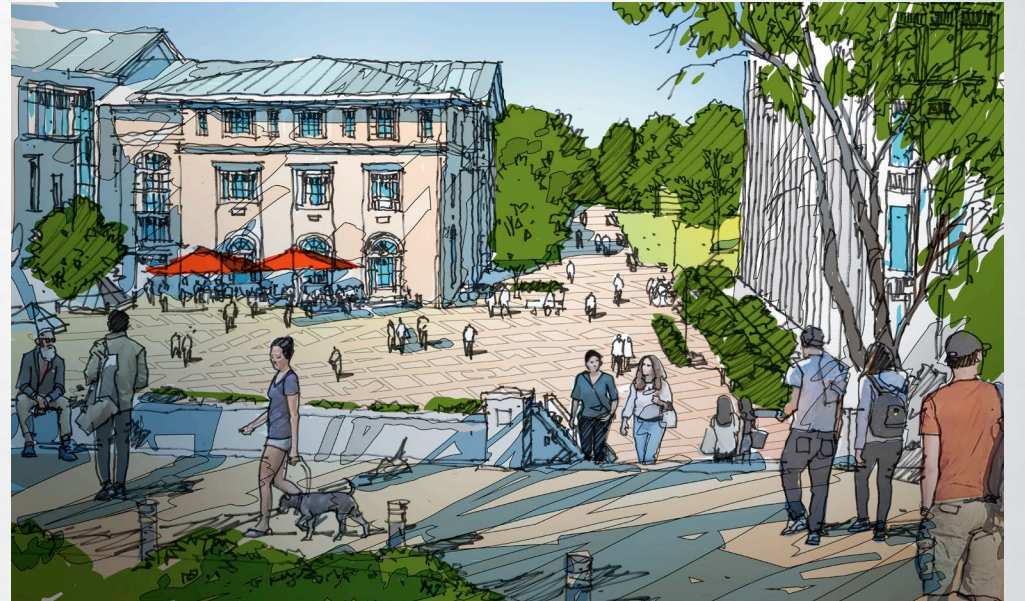
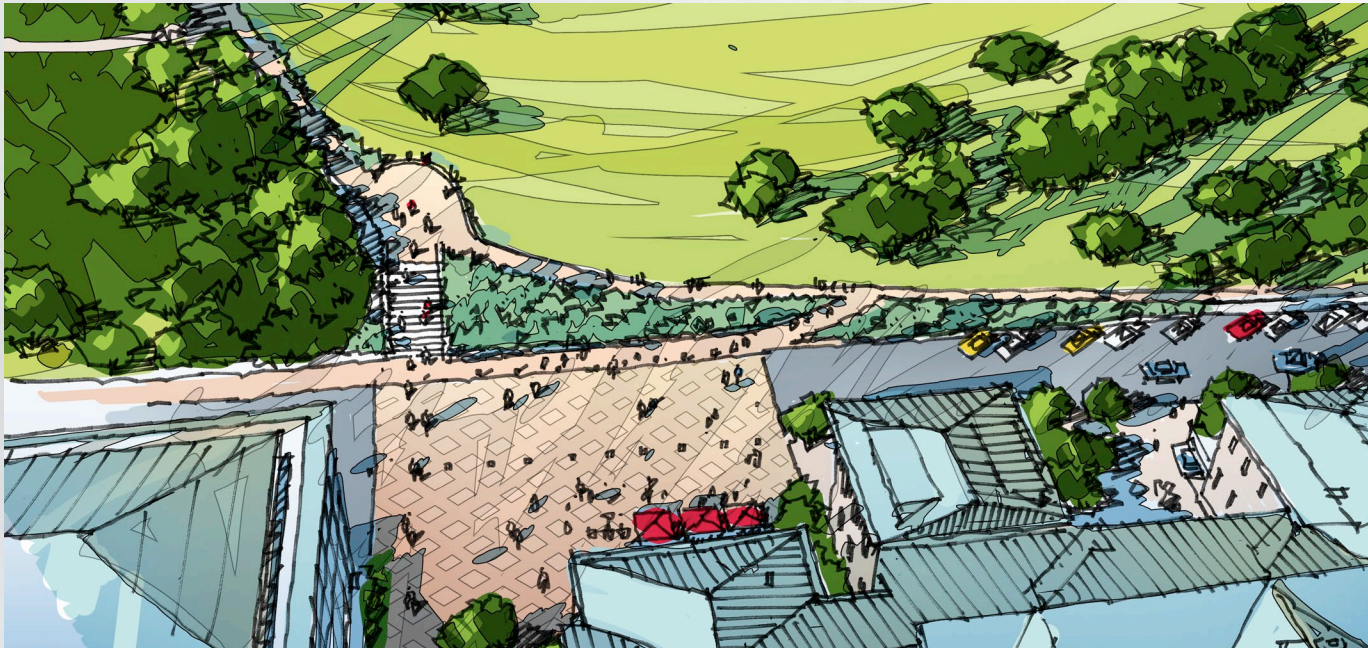
# IMPROVE CONNECTIONS TO SCHENLEY PARK

- 1 Improved connection at New Scaife
- 2 New campus/park entrance plaza at Hunt Library
- 3 Hall of Arts entrance upgrades
- 4 New gateway at HWAC site on Tech St
- 5 Improve the parking layout to accommodate pedestrians and bikes





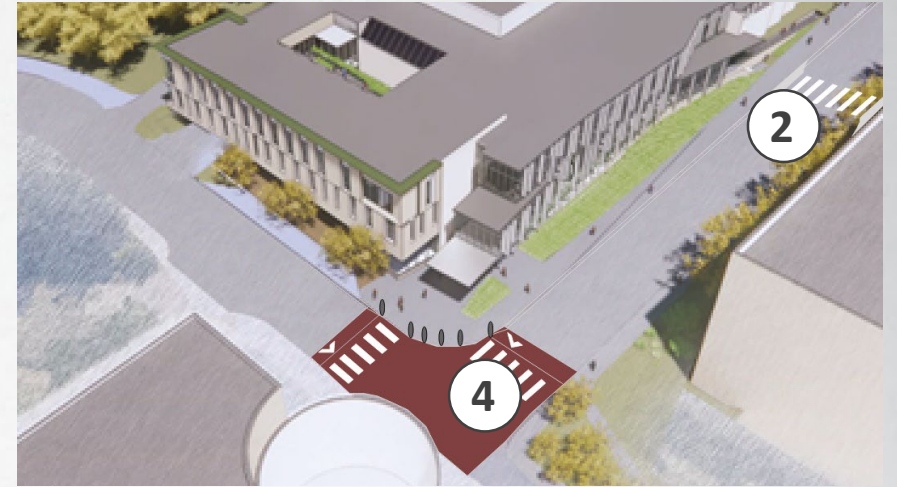
# NEW CAMPUS CONNECTION TO SCHENLEY PARK





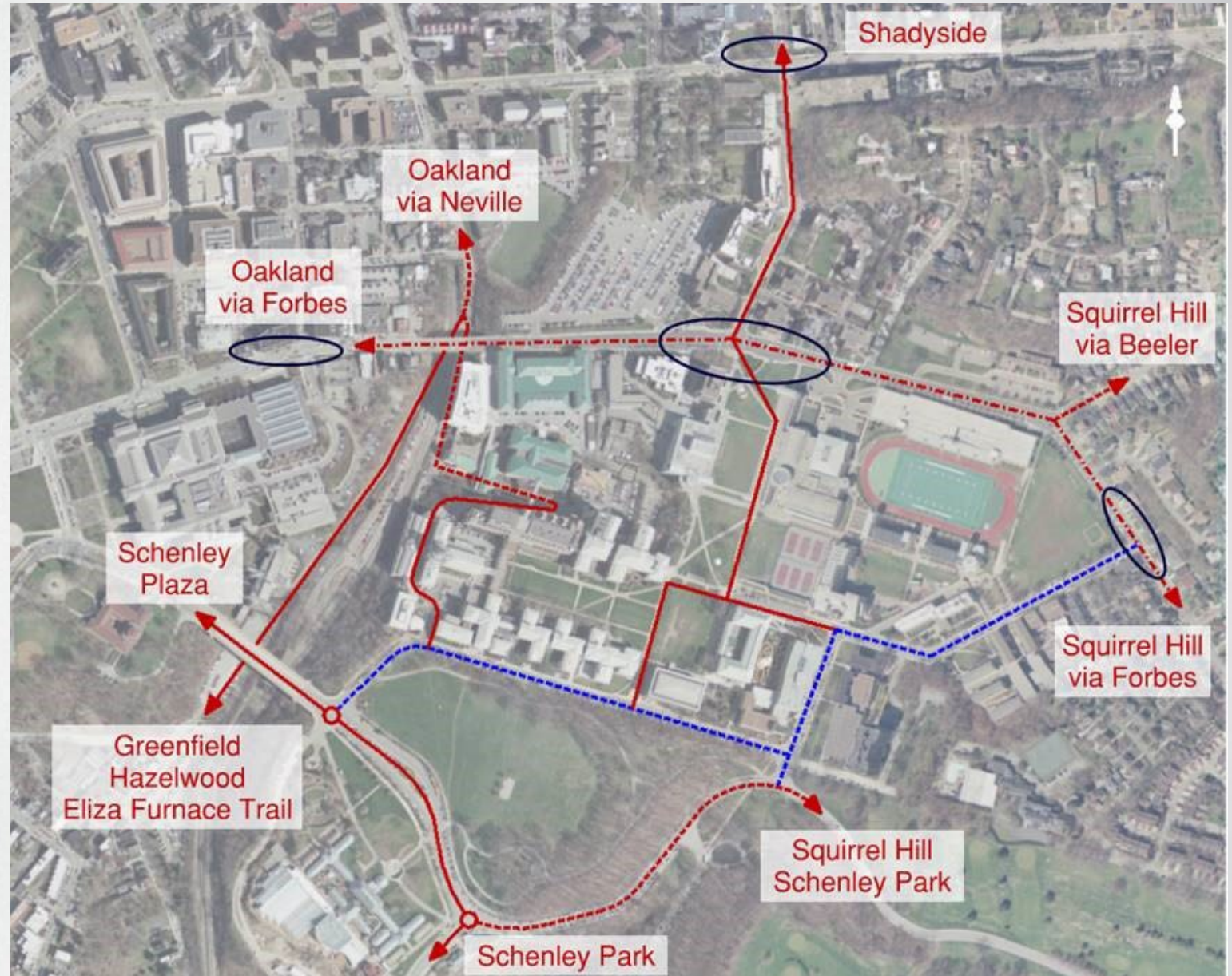
# IMPROVE FREW-TECH-M.MORRISON CORRIDOR

- 1 Frew St Reconfiguration
- 2 New Pedestrian Crosswalks
- 3 Tech & Schenley Drive Improvements
- 4 Tech & M.Morrison Improvements
- 5 M.Morrison Improvements





# CREATE A CAMPUS MOBILITY NETWORK





# OUTREACH & APPROVAL SCHEDULE

