



2015 Campus Master Plan Update

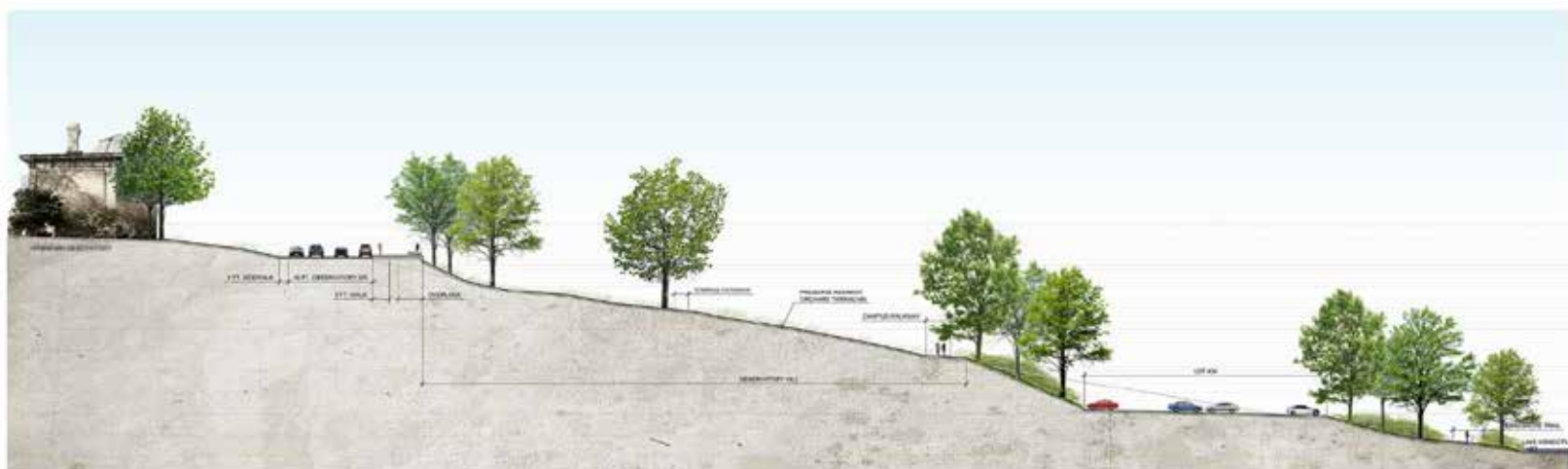
Campus and Community
Analysis Summary Presentation



WISCONSIN
UNIVERSITY OF WISCONSIN-MADISON

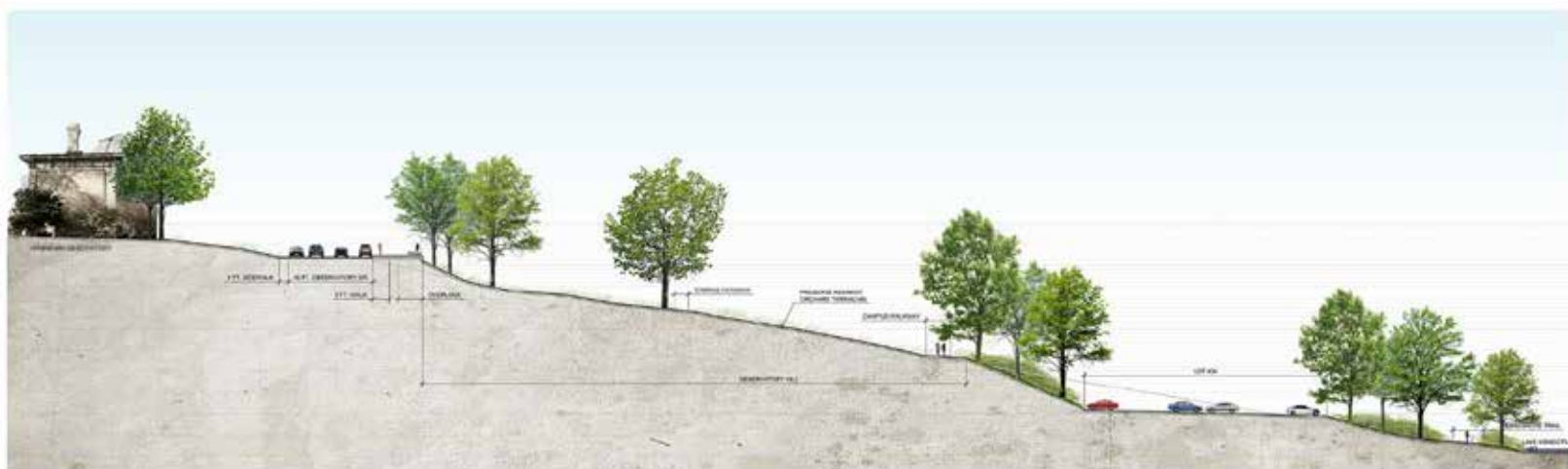
AGENDA

1. Scope & Schedule of the Master Plan
2. Planning Principles & Draft Goals
3. Background & Analysis Information
4. Q & A



AGENDA

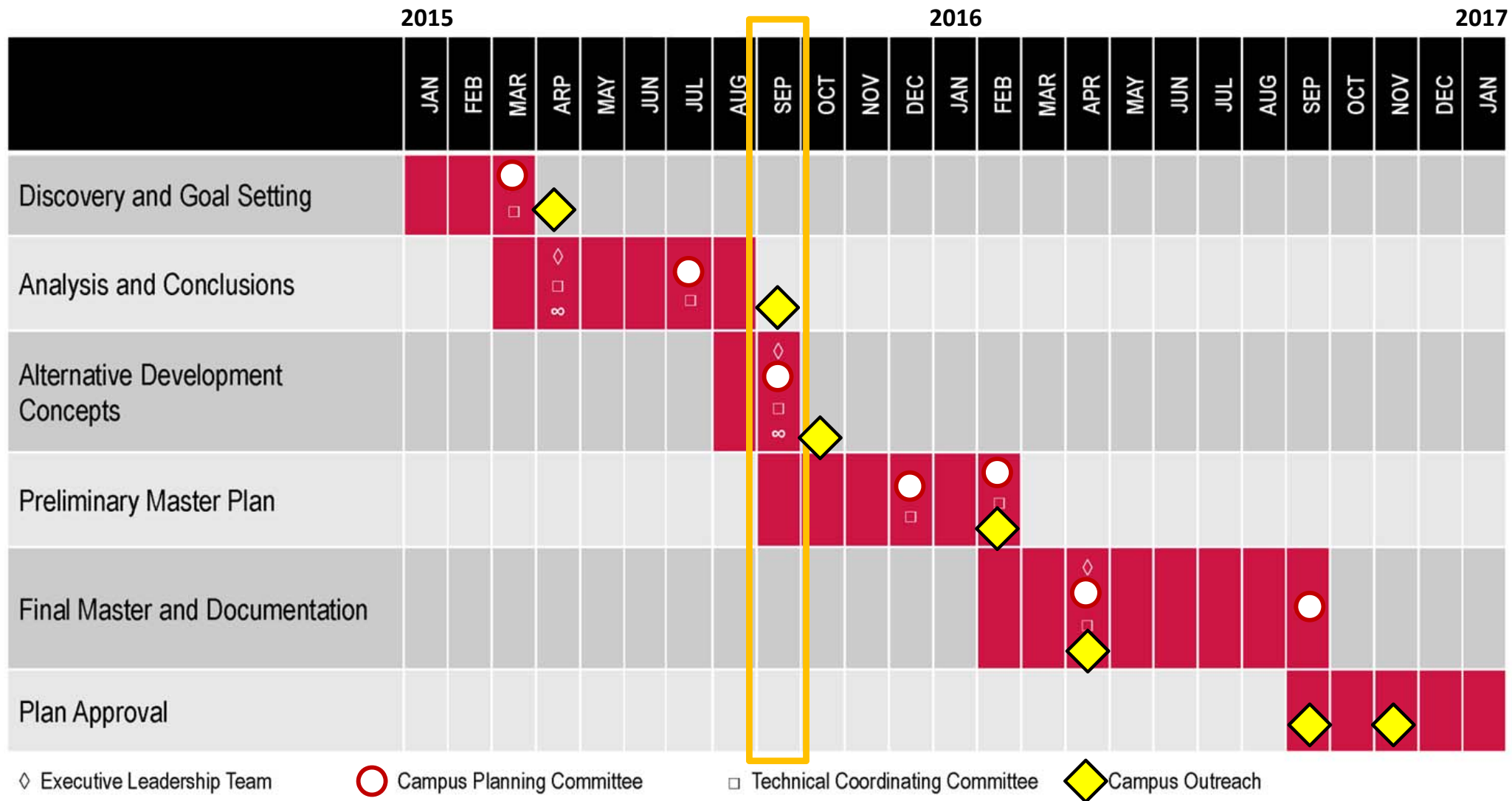
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Campus Master Plan Update - Scope

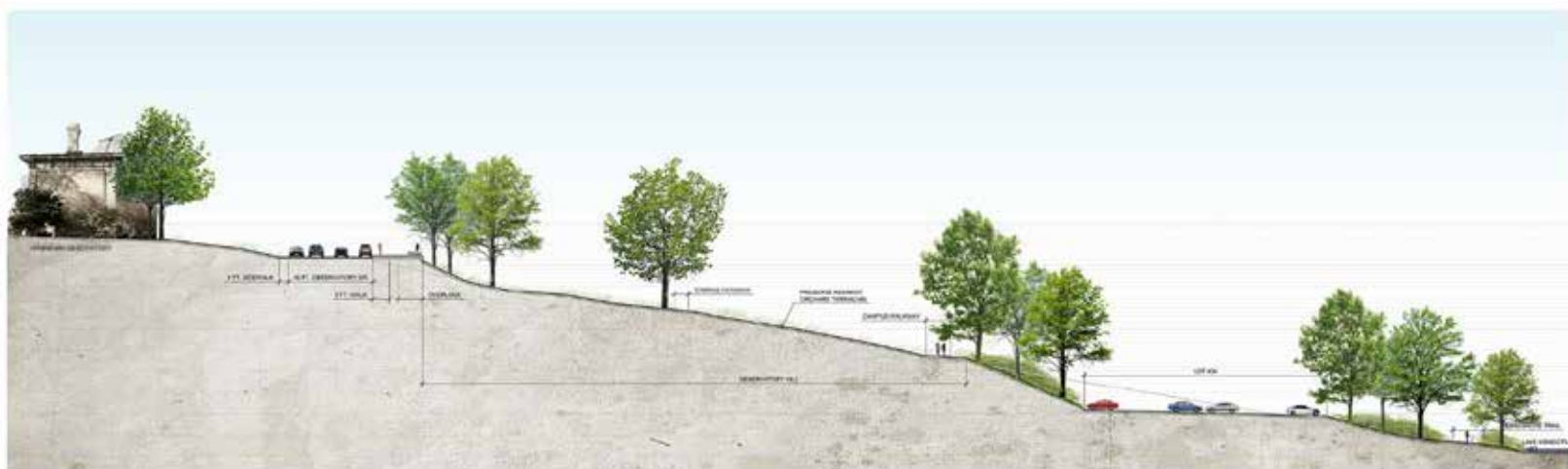


Overall Schedule - 40% complete



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A Spectacular Setting

Experience of Place

Connections

Edges and Boundaries

The Environmental Campus

Regional Community



2015 Campus Master Plan Update - Goals

Support our Mission

Manage our Resources

Make Travel Easy

Celebrate our Lakeside Setting

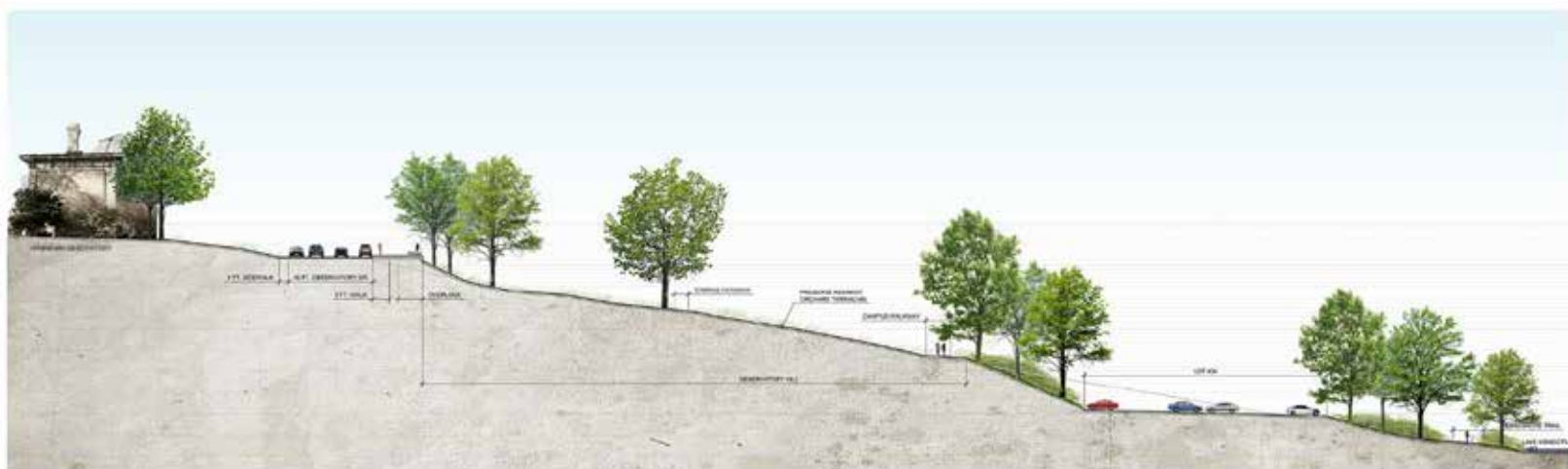
Revitalize Outdoor Spaces

Be Good Neighbors

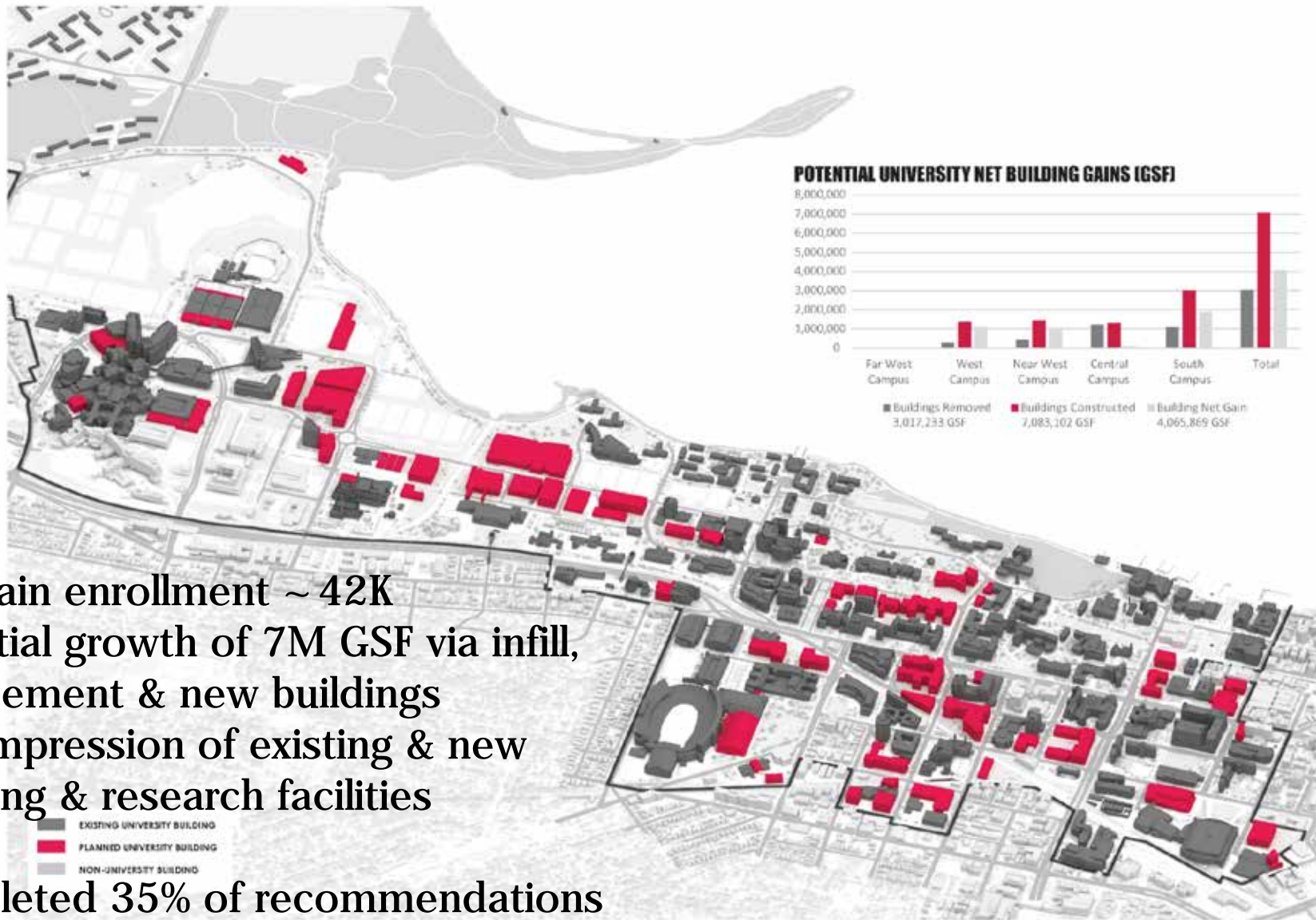


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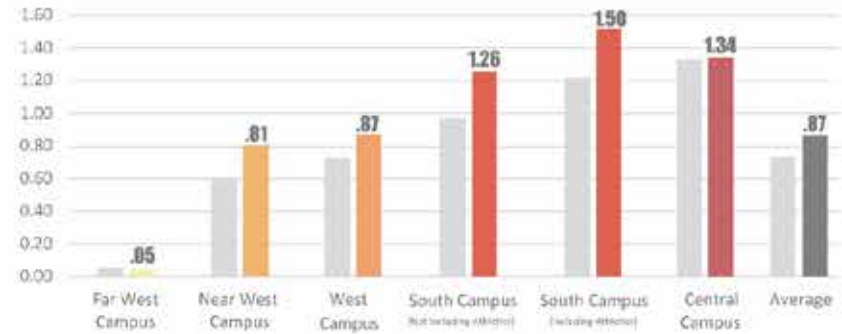


2005 Campus Master Plan, Recreating Ourselves In Place



2005 Campus Master Plan – Proposed Building Density

FLOOR AREA RATIO: EXISTING VS. PLANNED CAPACITY



FAR WEST CAMPUS

Total Building GSF = 898,344
Total District GSF = 11,638,458
F.A.R. = .05

NEAR WEST CAMPUS

Total Building GSF = 3,781,602
Total District GSF = 4,870,994
F.A.R. = .81

WEST CAMPUS

Total Building GSF = 5,267,351
Total District GSF = 6,075,470
F.A.R. = .87

SEPARATE F.A.R. CALCULATION

Total Building GSF = 1,021,117

SOUTH CAMPUS

Total Building GSF = 8,467,890
Total District GSF = 6,881,748
F.A.R. = 1.26

CENTRAL CAMPUS

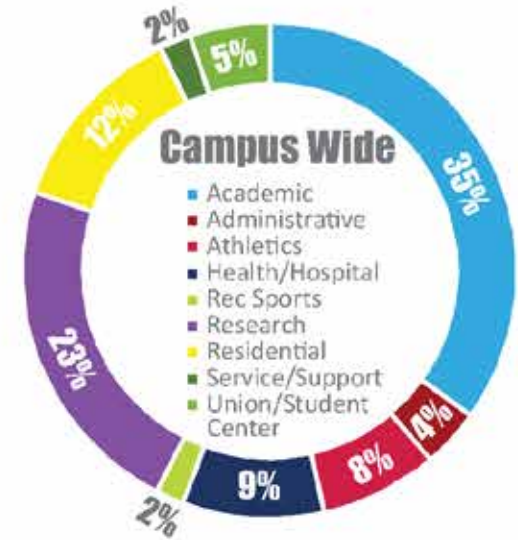
Total Building GSF = 7,767,856
Total District GSF = 5,792,264
F.A.R. = 1.34

SEPARATE F.A.R. CALCULATION

Total Building GSF = 608,919

- Increased density on:
 - South Campus
 - Near West & West Campus

Current Building Use/Land Use



EXISTING UNIVERSITY BUILDING USE

- ACADEMIC
- RESEARCH
- ADMINISTRATIVE
- RESIDENTIAL
- ATHLETICS
- RECREATION SPORTS
- UNION/STUDENT CENTER, DINING/FOOD SERVICE OUTREACH
- SERVICE/SUPPORT, OTHER
- PARKING
- HEALTH/HOSPITAL
- NON-UNIVERSITY BUILDING

FAR WEST CAMPUS

WEST CAMPUS

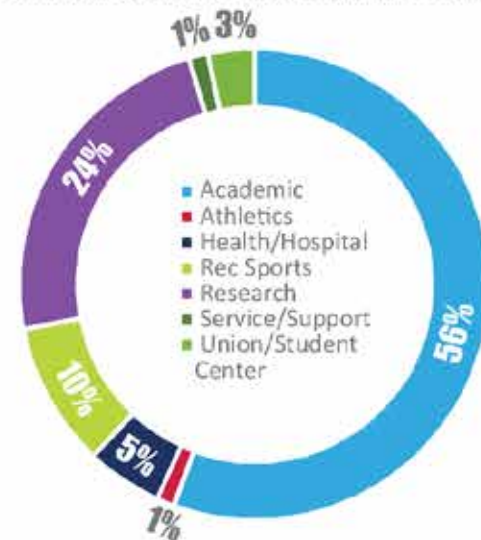
NEAR WEST CAMPUS

CENTRAL CAMPUS

SOUTH CAMPUS

Future Uses of New Buildings

CAPACITY UNIVERSITY NEW BUILDING USE IGSFI



PLANNED CAPACITY UNIVERSITY BUILDING USE

- ACADEMIC
- RESEARCH
- ADMINISTRATIVE
- RESIDENTIAL
- ATHLETICS
- RECREATION SPORTS
- UNION/STUDENT CENTER, DINING/FOOD SERVICE OUTREACH
- SERVICE/SUPPORT, OTHER
- PARKING
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- NON-UNIVERSITY BUILDING

FAR WEST CAMPUS

WEST CAMPUS

NEAR WEST CAMPUS

CENTRAL CAMPUS

SOUTH CAMPUS



Off Campus Land Use

EXISTING NON-UNIVERSITY BUILDING USES

- RESIDENTIAL - SINGLE FAMILY
- RESIDENTIAL - MULTI FAMILY
- COMMERCIAL, RETAIL, AND SERVICES
- GOVERNMENT, INSTITUTIONAL, AND RELIGIOUS
- PARKING
- UNIVERSITY BUILDING



Off Campus, Planned Capacity

PLANNED NON-UNIVERSITY BUILDING USES

RESIDENTIAL - SINGLE FAMILY
RESIDENTIAL - MULTI FAMILY
COMMERCIAL, RETAIL, AND SERVICES
GOVERNMENT, INSTITUTIONAL, AND RELIGIOUS
PARKING
UNIVERSITY BUILDING

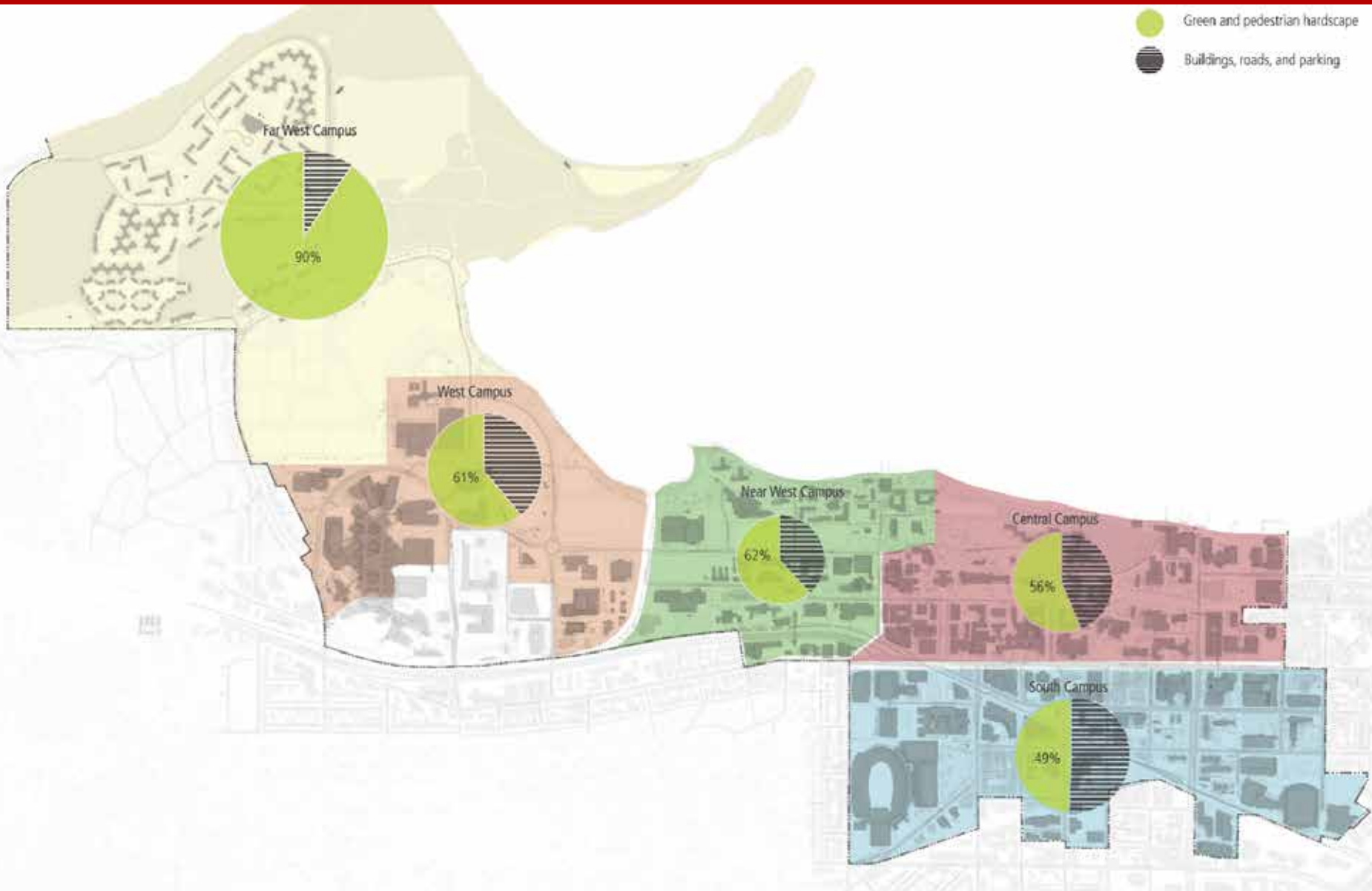
- Significant additional density possible
- Few new open spaces/parks

Note:
Adjacent off-campus future development demonstrates the capacity permitted only in the adopted University Avenue, Regent Street Neighborhood, and Downtown plans. Otherwise, existing development pattern is shown.





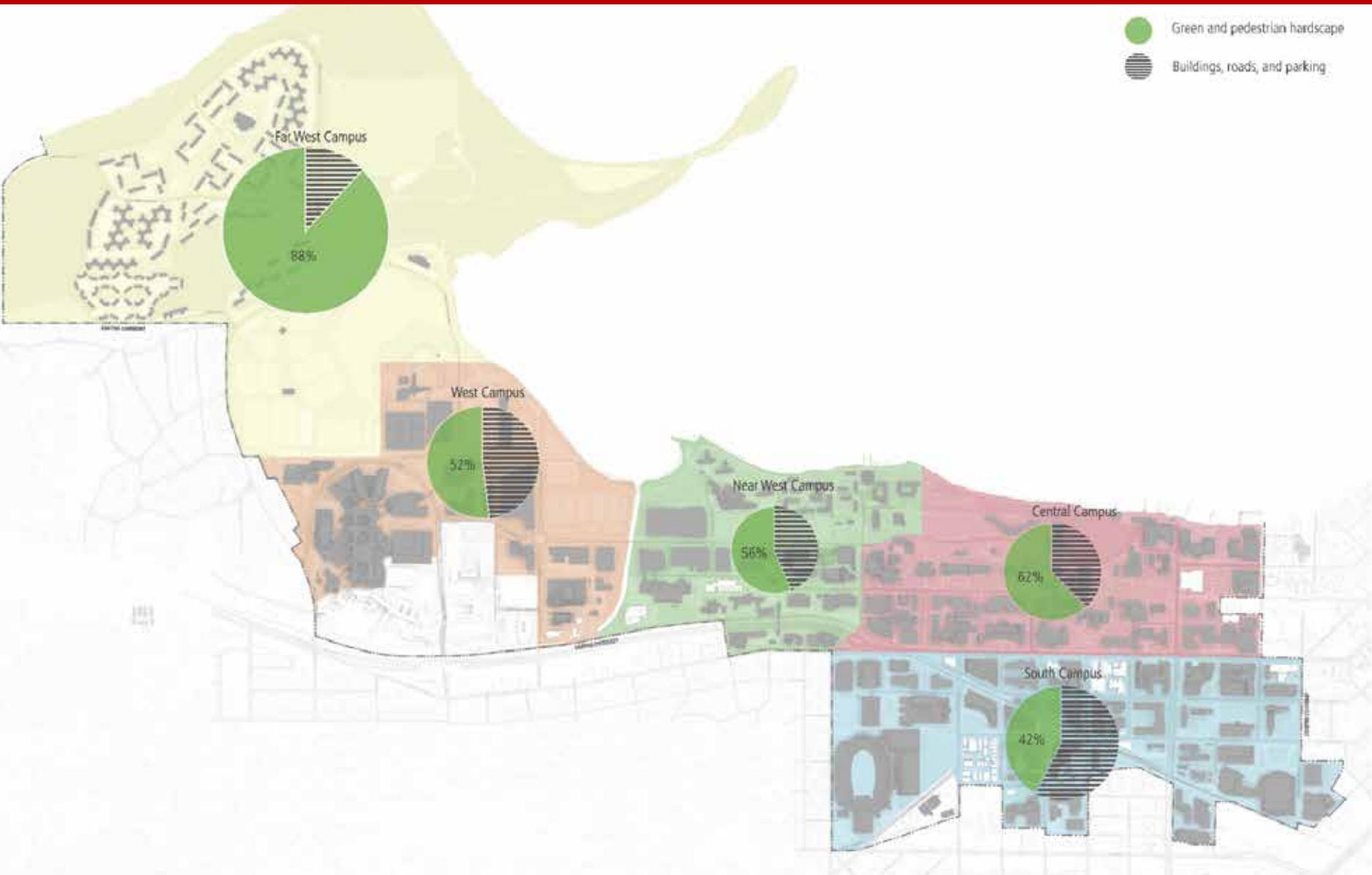
1. Protect and enhance open spaces and create new gathering spaces.
2. Maintain lands in the Lakeshore Nature Preserve as natural areas that support our mission of teaching, research and outreach.
3. Protect and enhance known historical cultural landscapes, quadrangles and courtyards.
4. Establish open space design principles to guide growth on campus.
5. Provide a campus environment that supports physical, emotional, and psychological well being.
6. Enhance the campus as a living laboratory for teaching, learning and research.
7. Strength the campus connection to Lake Mendota.

Existing Open Space Ratios

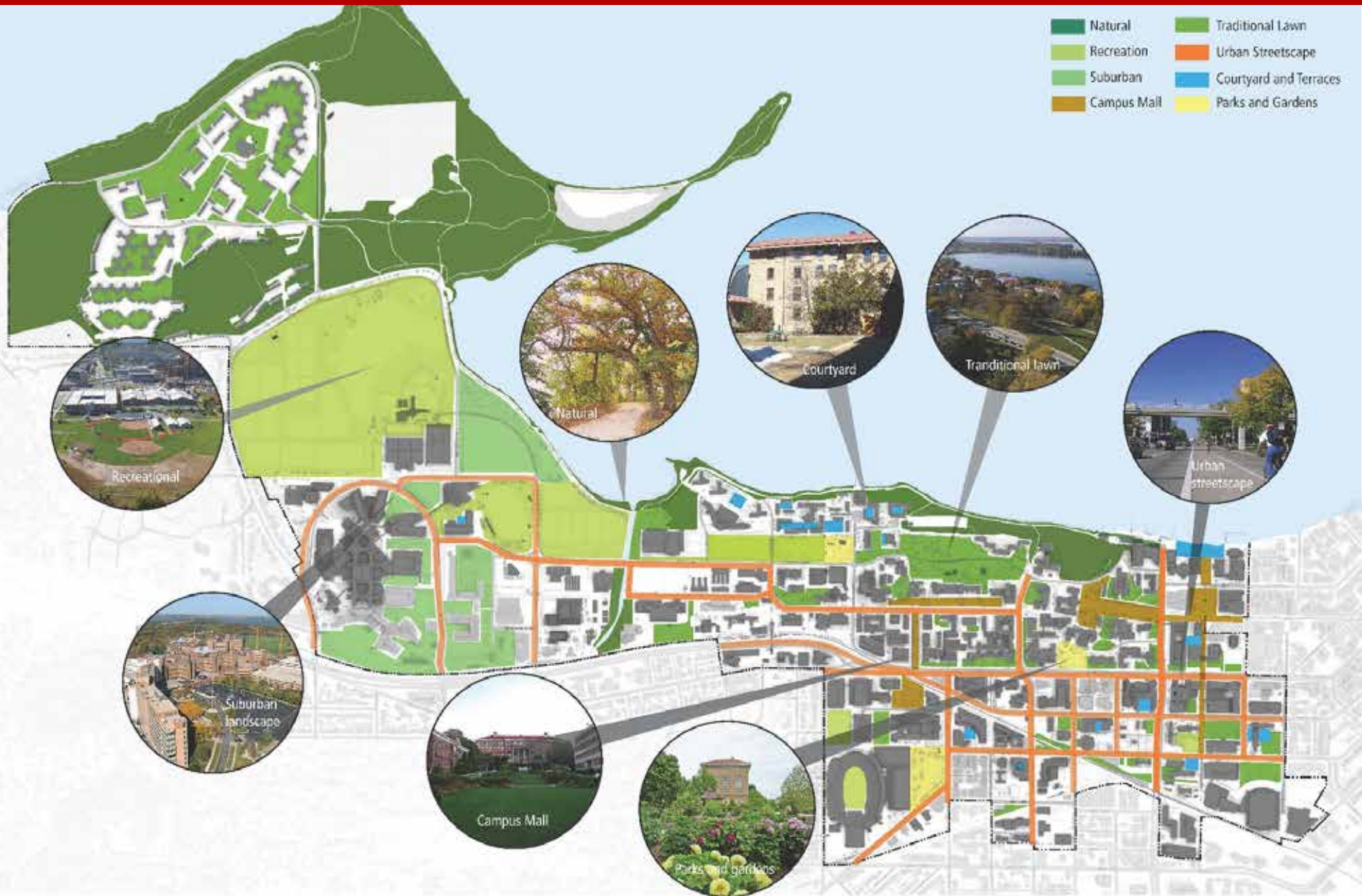


Proposed Open Space Ratios

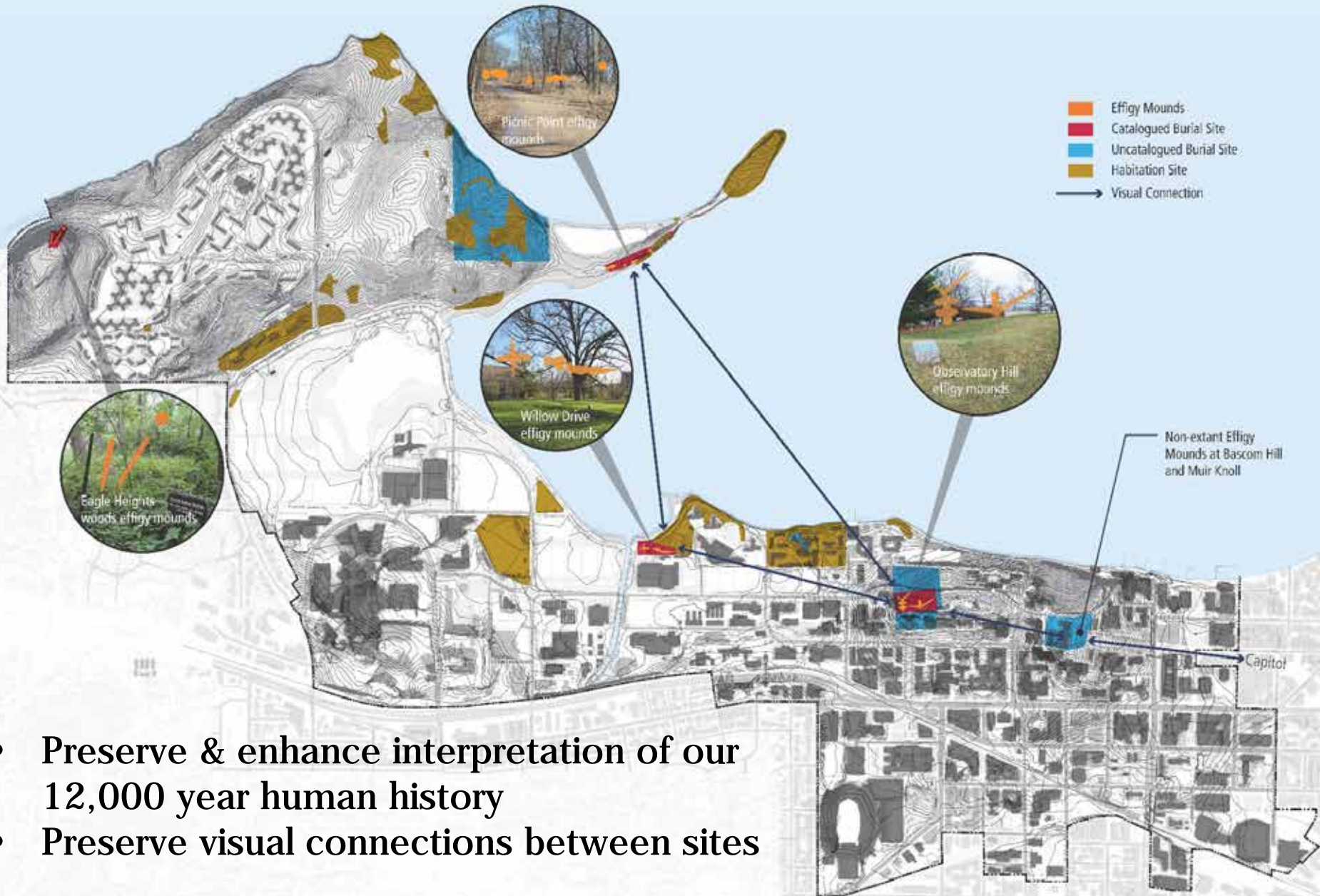
-  Green and pedestrian hardscape
-  Buildings, roads, and parking



Existing Open Space Types



Native American Habitation & Mound Sites



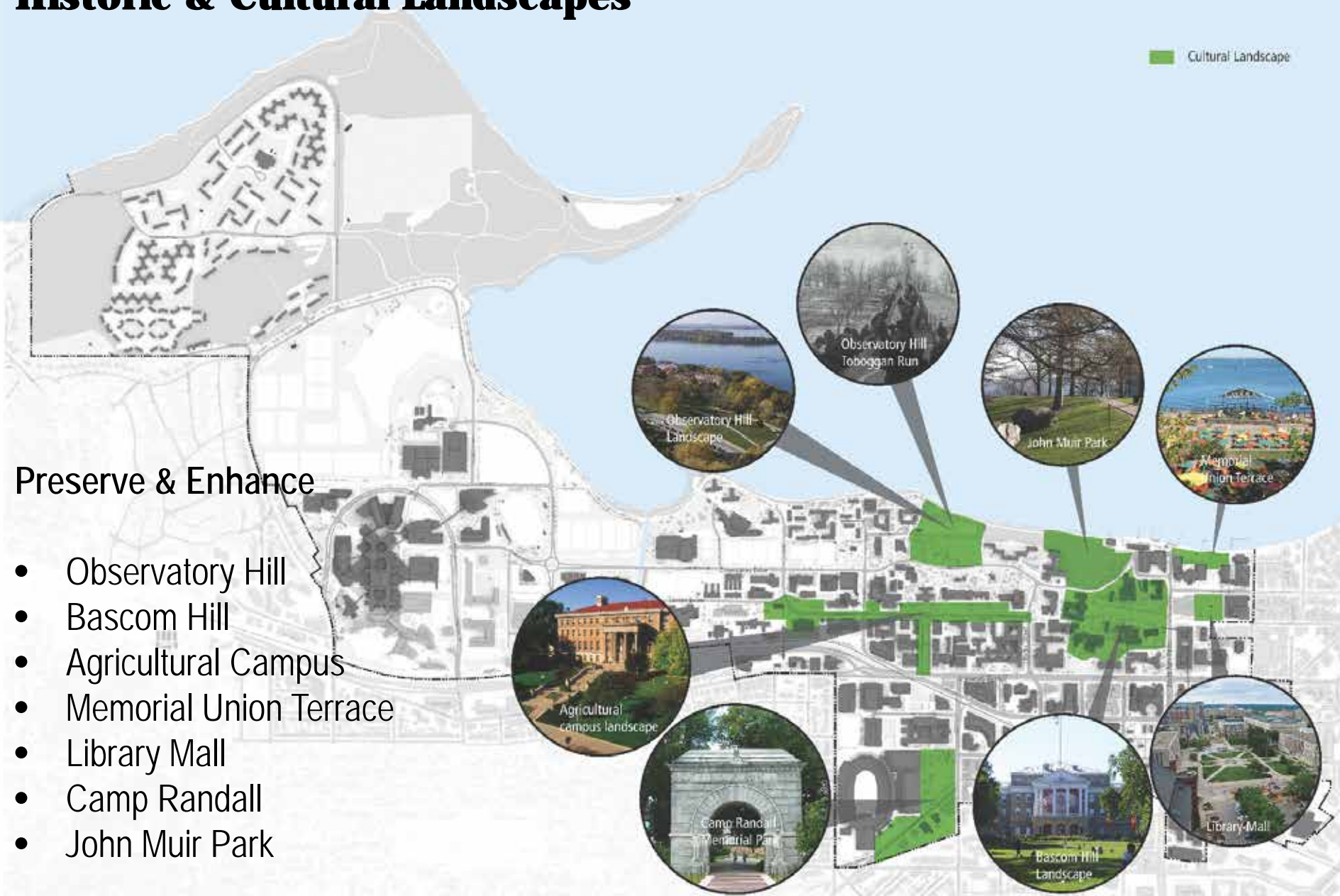
- Preserve & enhance interpretation of our 12,000 year human history
- Preserve visual connections between sites

Historic & Cultural Landscapes

Cultural Landscape

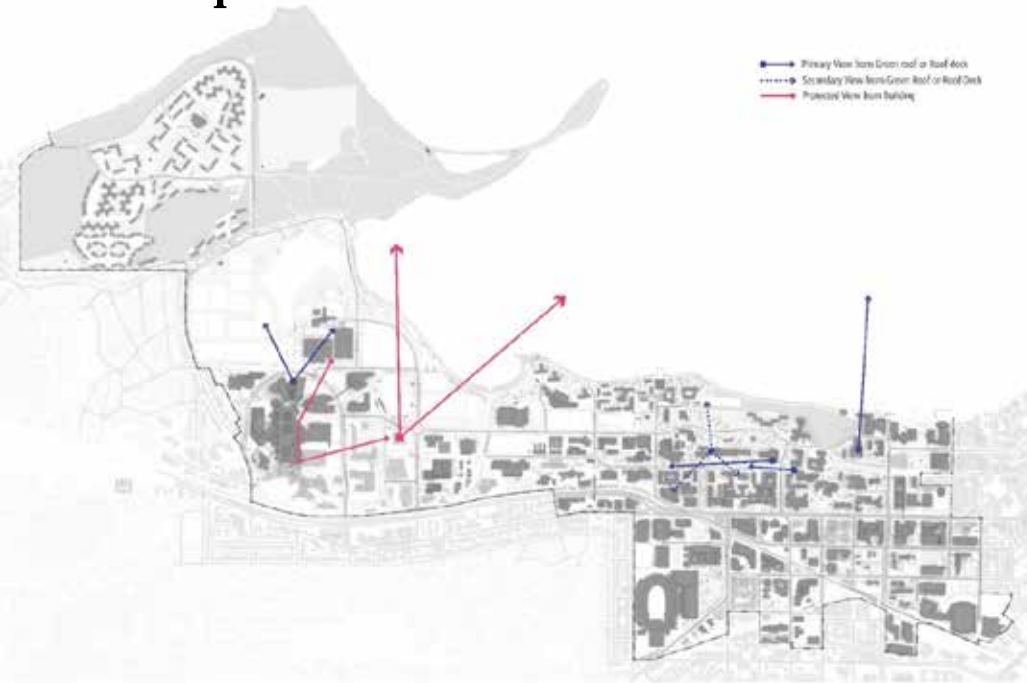
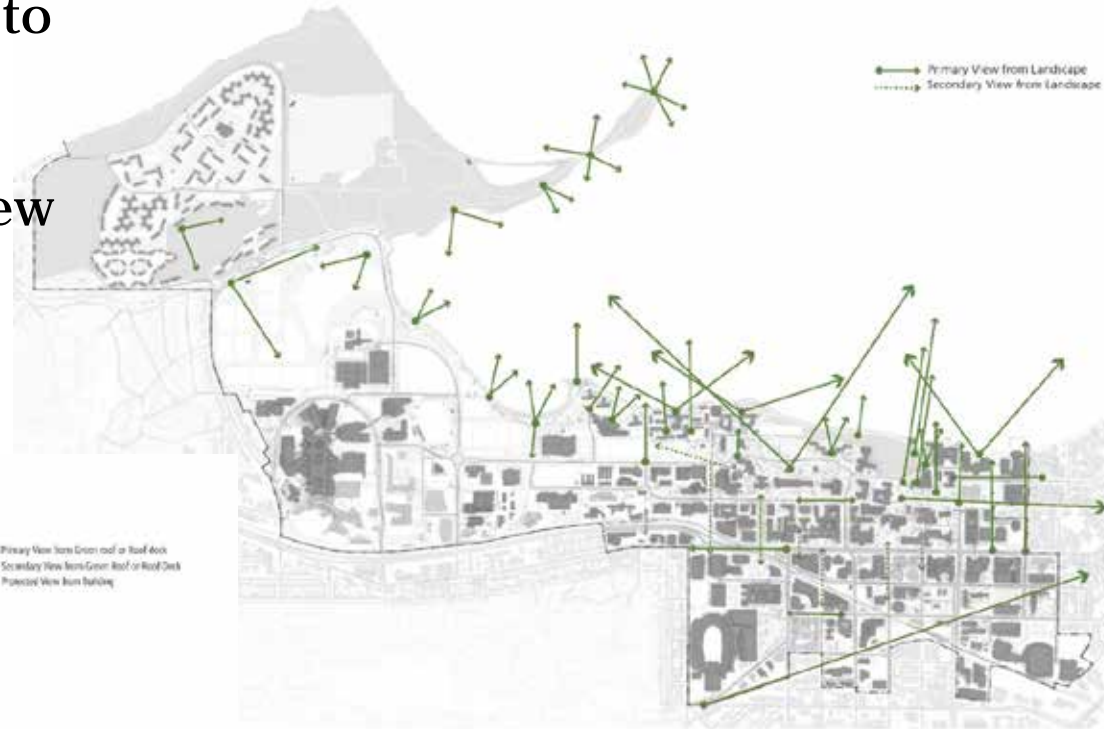
Preserve & Enhance

- Observatory Hill
- Bascom Hill
- Agricultural Campus
- Memorial Union Terrace
- Library Mall
- Camp Randall
- John Muir Park



Campus Viewsheds Analysis

- Preserve and enhance views to Lake Mendota
- Preserve and enhance the view to the Capitol building
- Preserve and enhance inner campus views



Campus Soils Types Analysis



Infiltration Analysis

Key

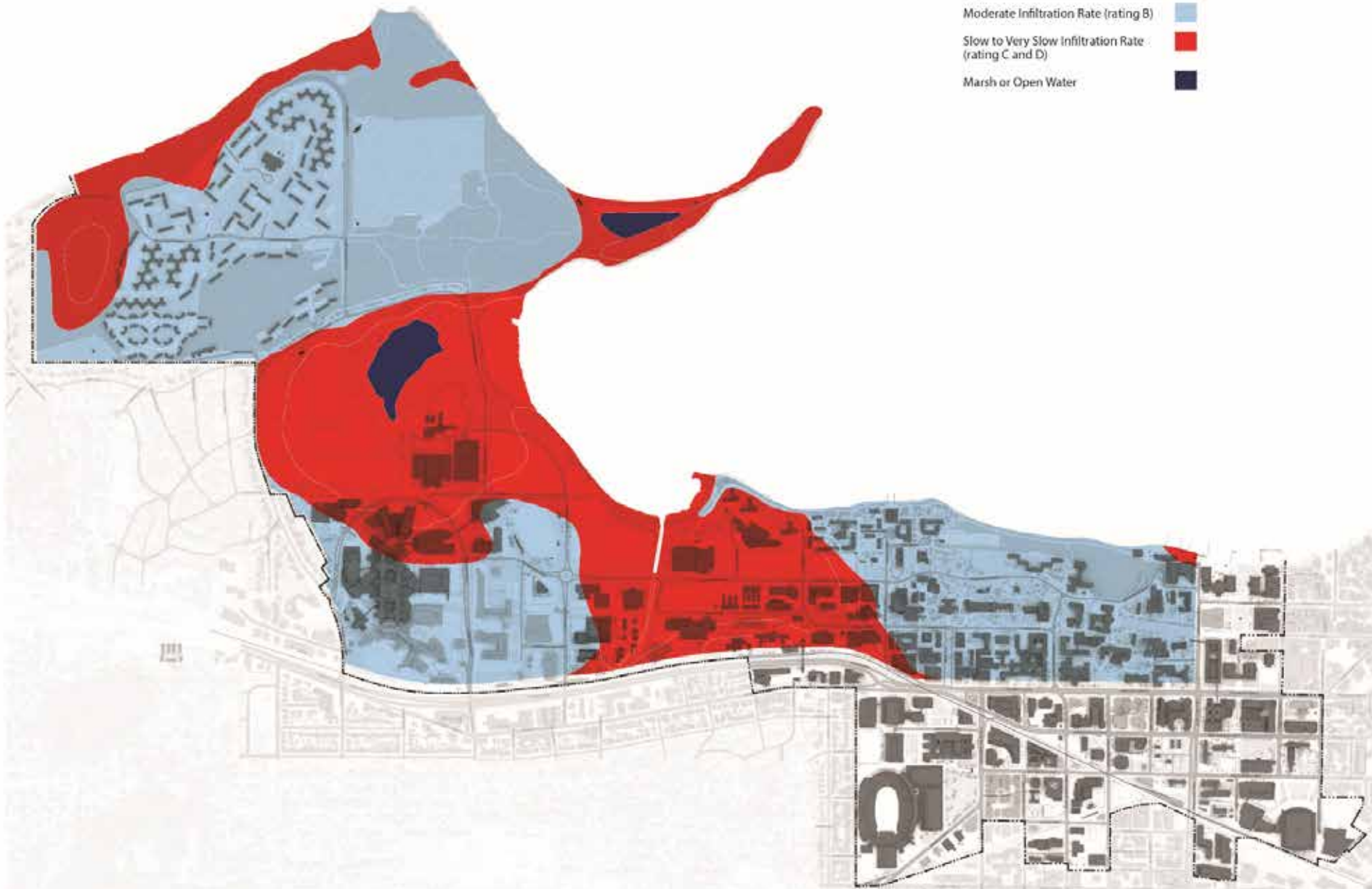
Moderate Infiltration Rate (rating B)



Slow to Very Slow Infiltration Rate
(rating C and D)



Marsh or Open Water

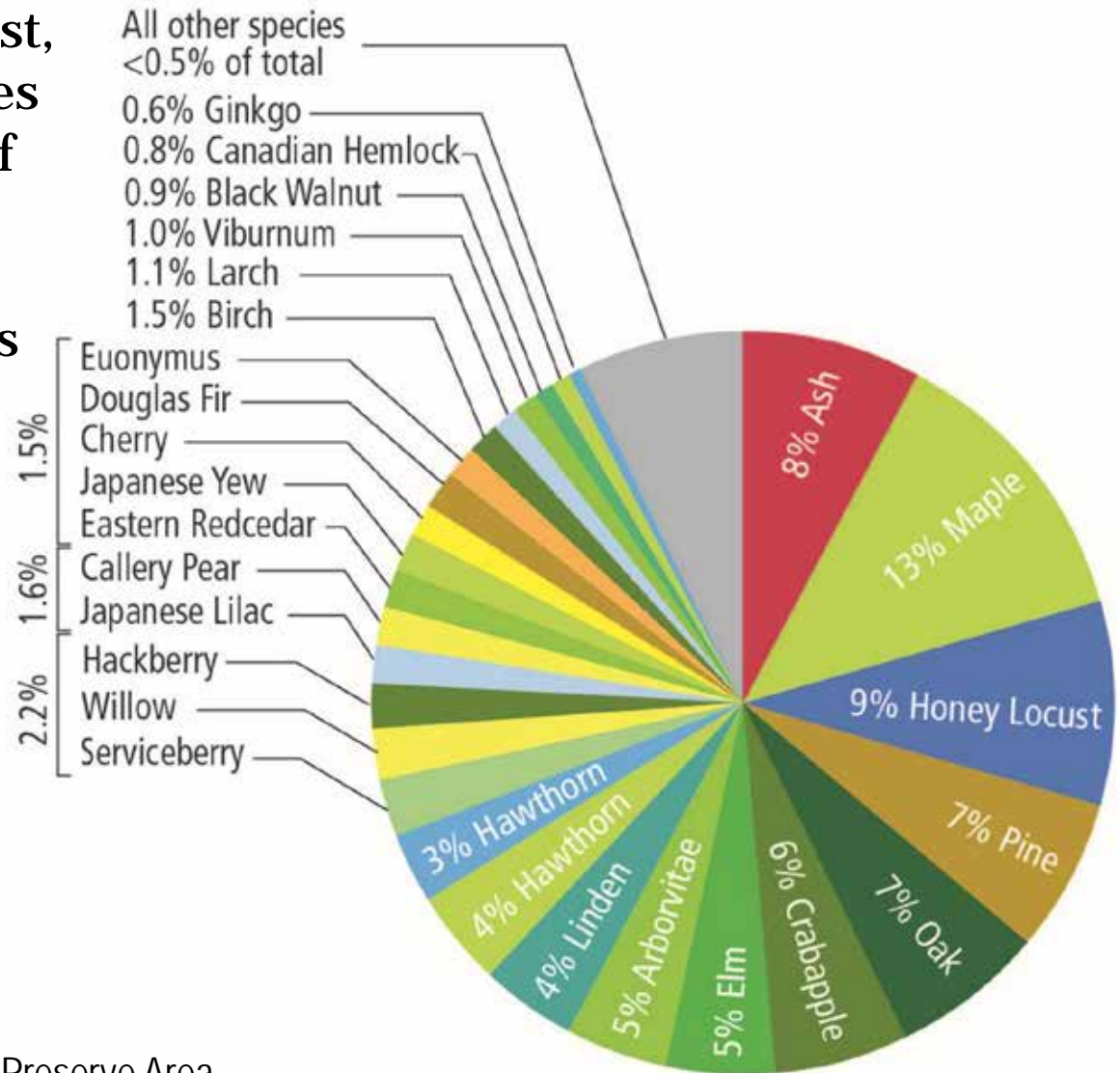


Tree Canopy Analysis



Tree Species Composition*

- Ash, maple, honey locust, pine, oak and crabapples account for over 50% of trees on campus
- Approx. 15% evergreens
- 74 documented tree species on campus



* Does not include the Lakeshore Nature Preserve Area

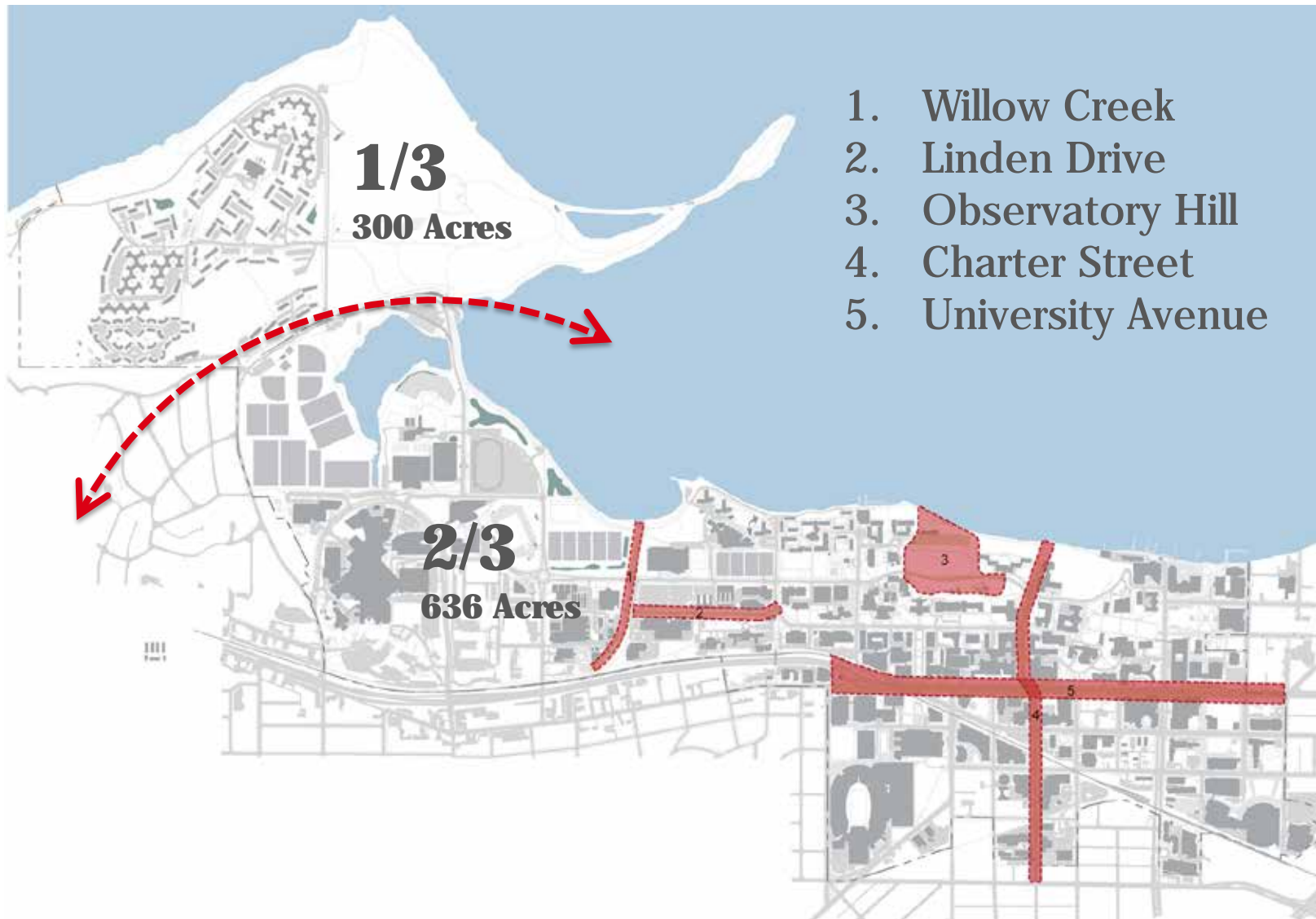
Projected Ash Tree Loss

- Currently 8% ash on developed campus; down from over 13% in 2006
- Have removed 197 ash across campus with new projects or as they become hazard trees; still have 289 ash across campus*



* Does not include the Lakeshore Nature Preserve Area

Landscape Focus Areas

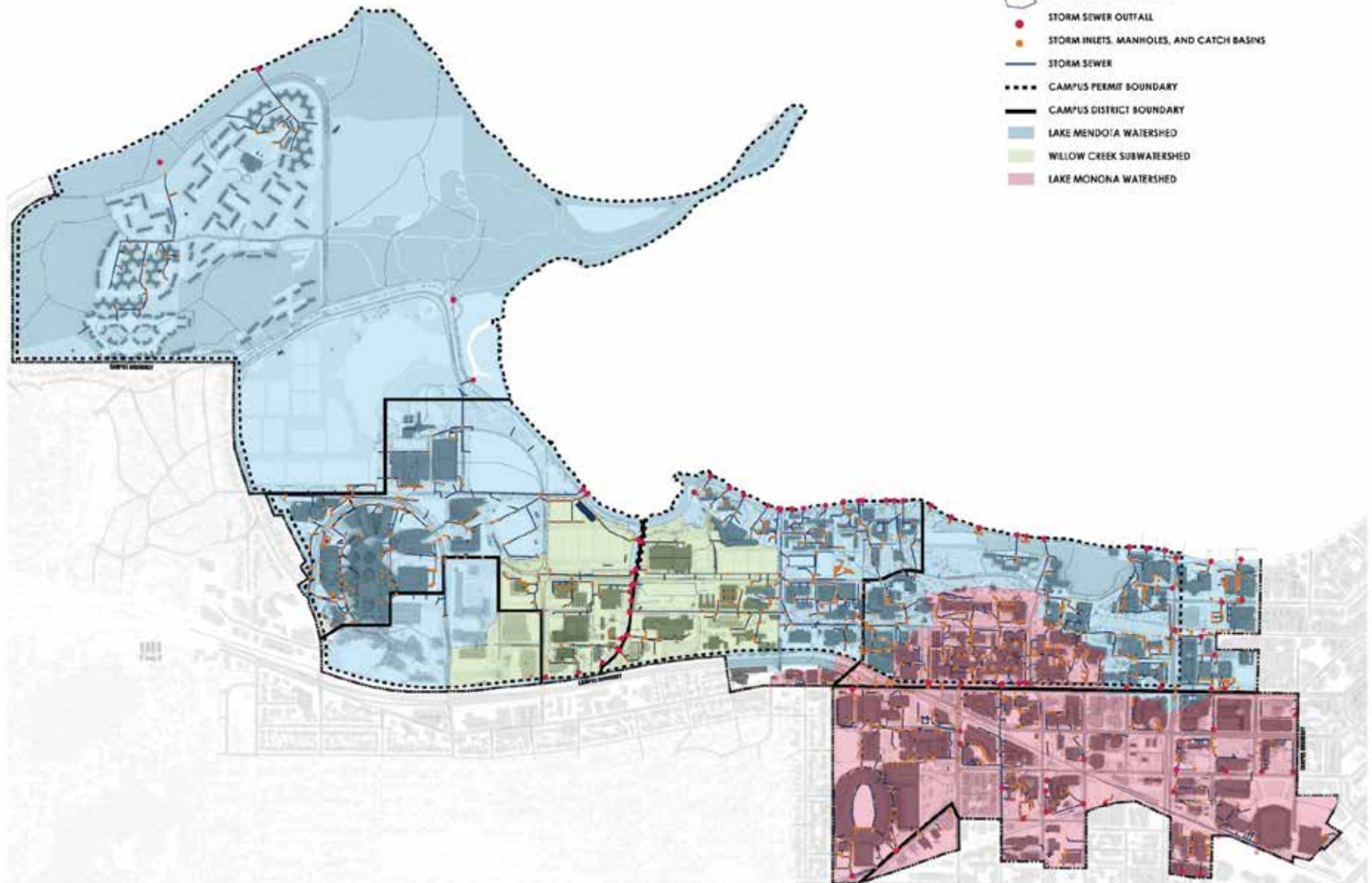


Stormwater Management Goals

1. Implement stormwater practices and policies that contribute to healthy Yahara Lakes.
2. Integrate research and learning into the campus stormwater management approach.
3. Connect campus stormwater management to the wider Yahara Lakes watershed community.



Stormwater – Watersheds & Storm Sewers



Stormwater – Impervious Areas

IMPERVIOUS DRIVEABLE SURFACES

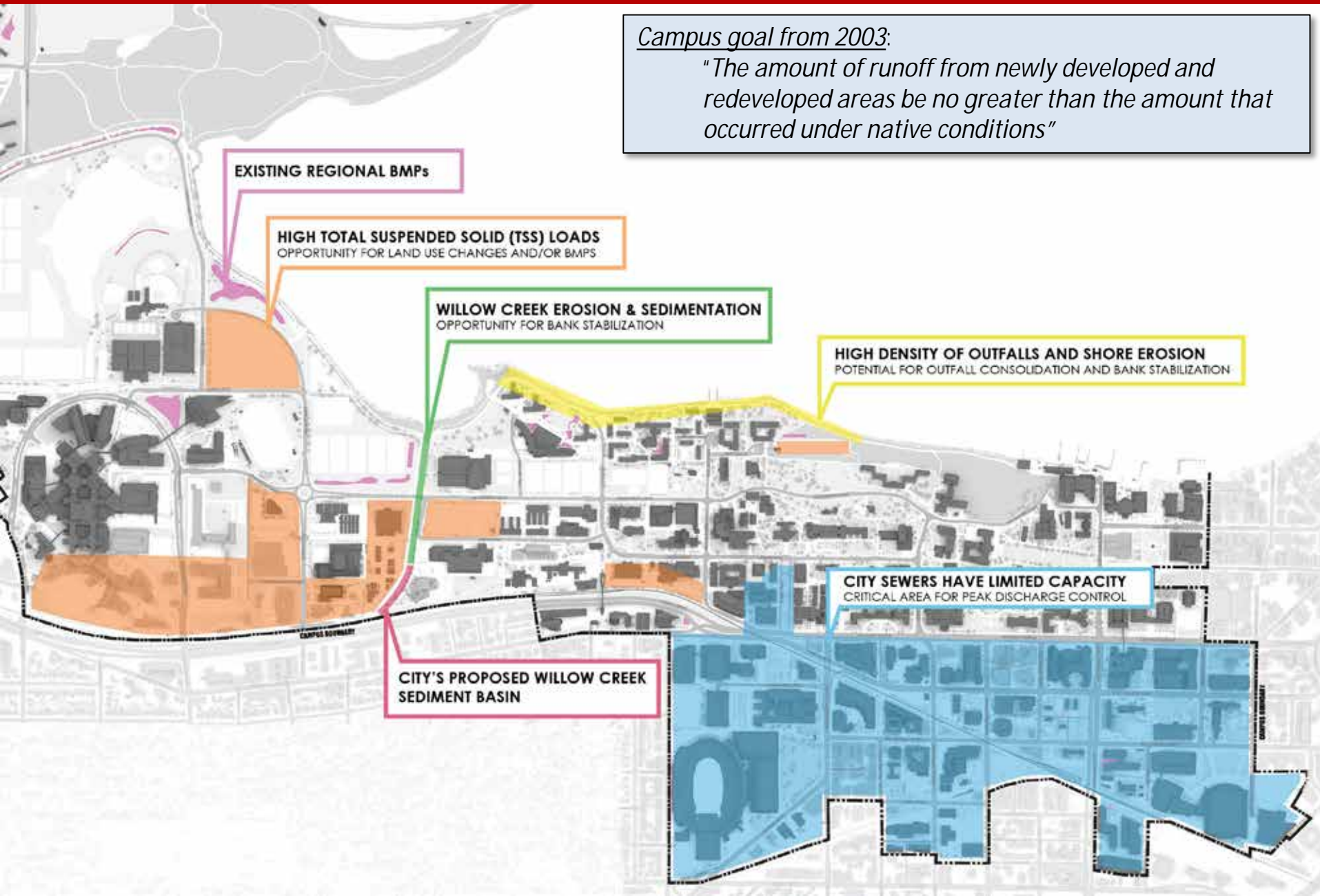
- LAKE MENDOTA WATERSHED
- LAKE MONONA WATERSHED
- WILLOW CREEK SUBWATERSHED
- IMPERVIOUS DRIVEABLE SURFACE
- CAMPUS DISTRICT BOUNDARY



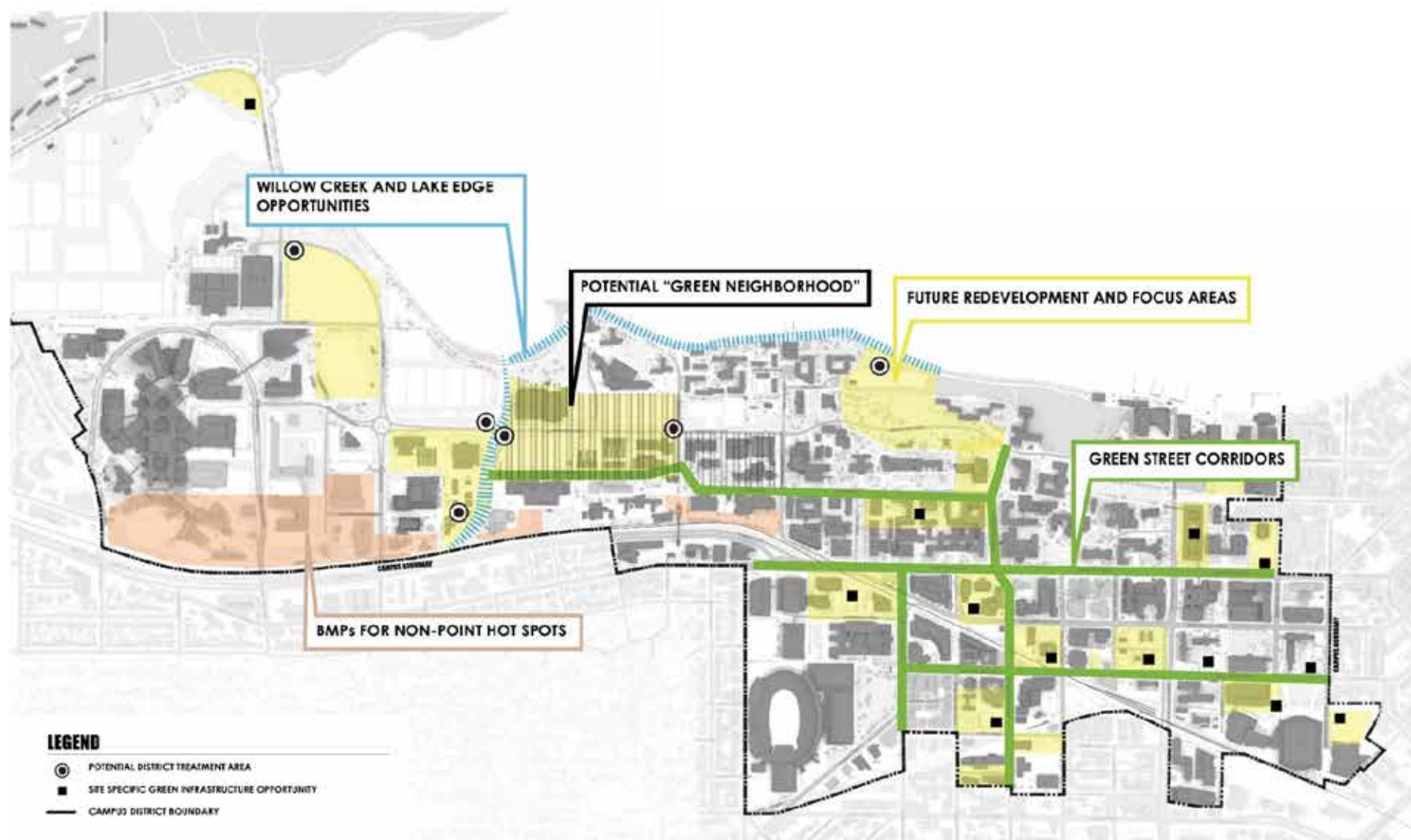
Stormwater Management – Analysis, Existing BMP's

Campus goal from 2003:

"The amount of runoff from newly developed and redeveloped areas be no greater than the amount that occurred under native conditions"



Green Infrastructure Opportunities



Transportation Improvements Since 2005

LEGEND

BICYCLE IMPROVEMENTS

1. Campus Dr. Path
2. Extension of Southwest Bike Path ("Missing Link")
3. Bicycle Lanes on Walnut St.
4. Bicycle Lanes, Traffic Calming on Highland Ave.
5. Bicycle Lanes on Observatory Dr. and University Bay Dr.
6. Bicycle Lanes on Randall Ave.
7. Bicycle Signal Added

PEDESTRIAN IMPROVEMENTS

1. East Campus Mall
3. Signal and Crosswalk on University Ave. at MSC/WID
4. Signal and Crosswalk on University Ave. at East Campus Mall
5. Signal and Crosswalk on Johnson St. at Orchard St.
6. Traffic Calming and Streetscape Improvements on Johnson St.

ROADWAY IMPROVEMENTS

1. Vacation of Johnson St. (Randall Ave. to Campus Dr.)
2. Reconfiguration of Intersection of University Ave. and Campus Dr.
3. Extension of Observatory Dr.
4. Ramp Improvements at Highland Ave.

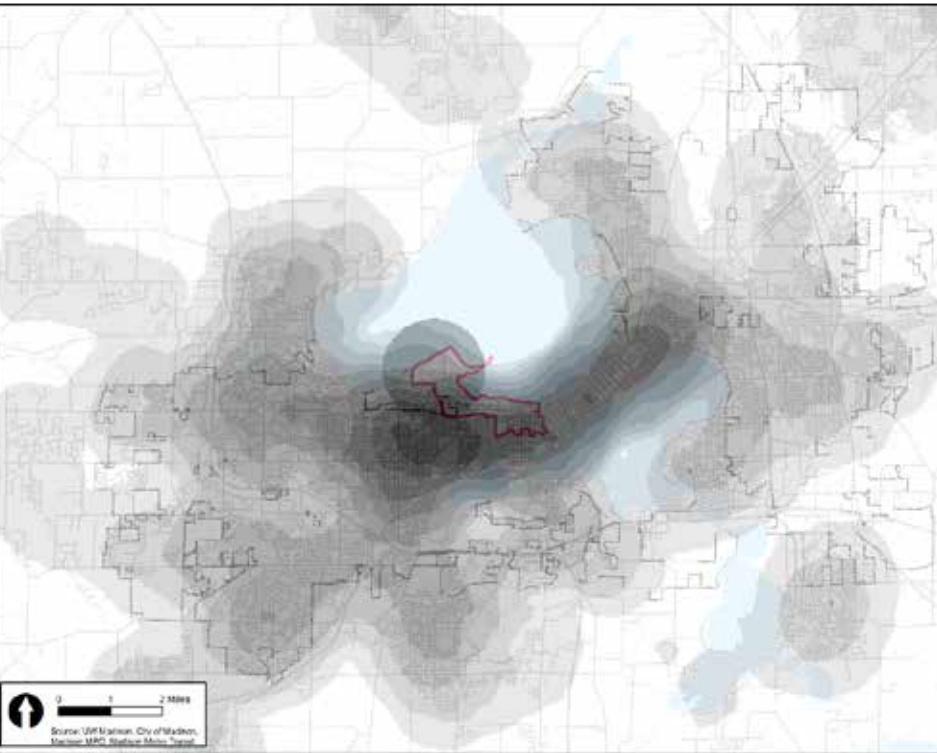
PARKING IMPROVEMENTS

1. CSC Visitor Ramp Expansion
2. Steenbock Ramp (Lot 36) Expansion
3. Union South Ramp
4. Two Surface Parking Lots Added
5. Surface Parking Lot Added
6. Parking Added Under School of Education Green Roof



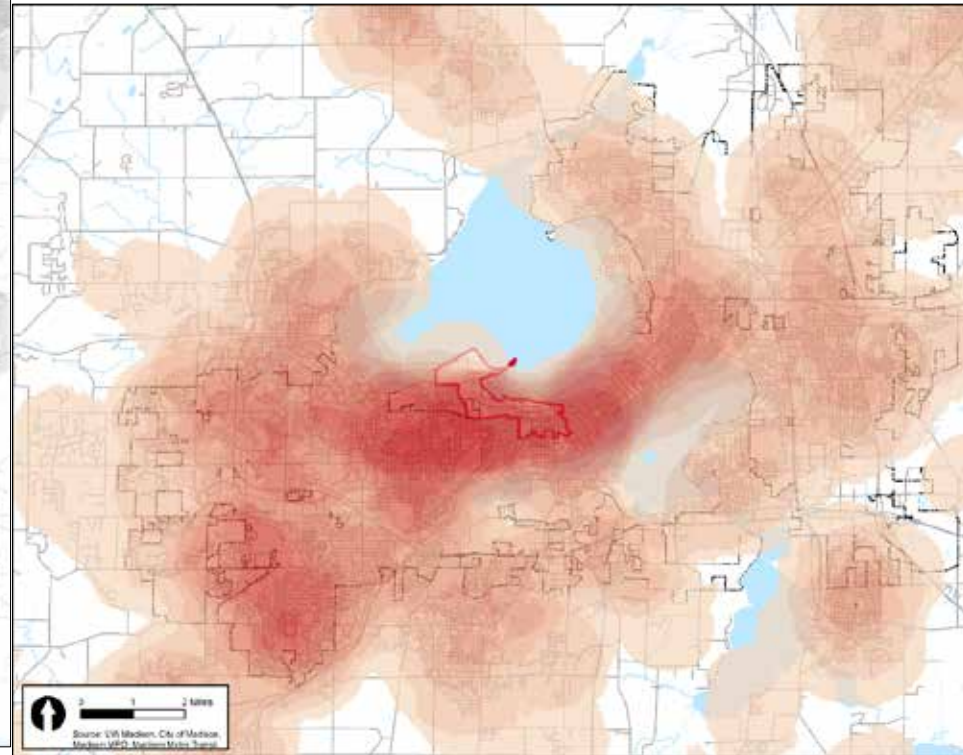
Trip Origination Maps

UW Faculty & Staff



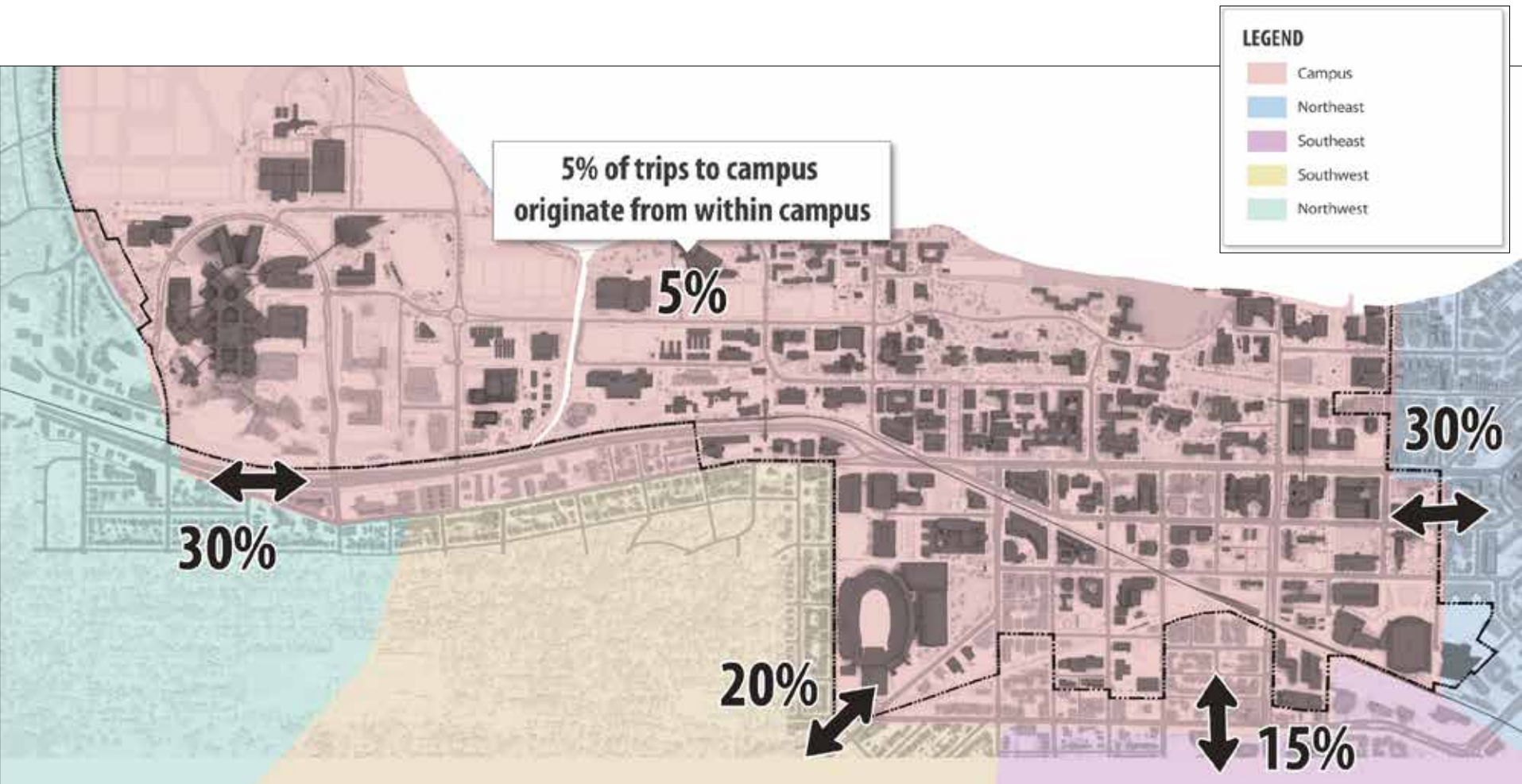
Approx. 21,700

UW Hospital Staff



Approx. 7,400

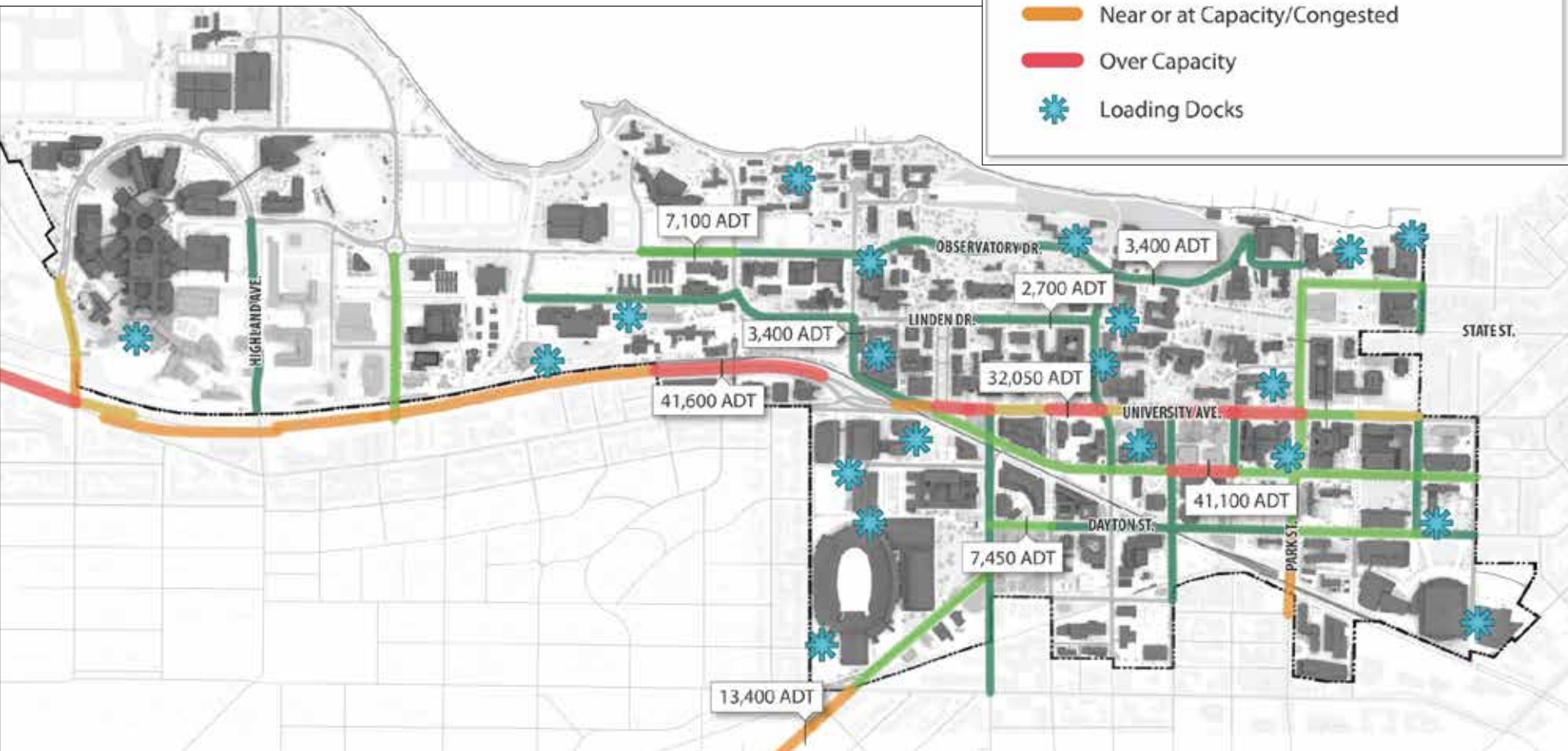
Travel to Campus: Trip Distribution



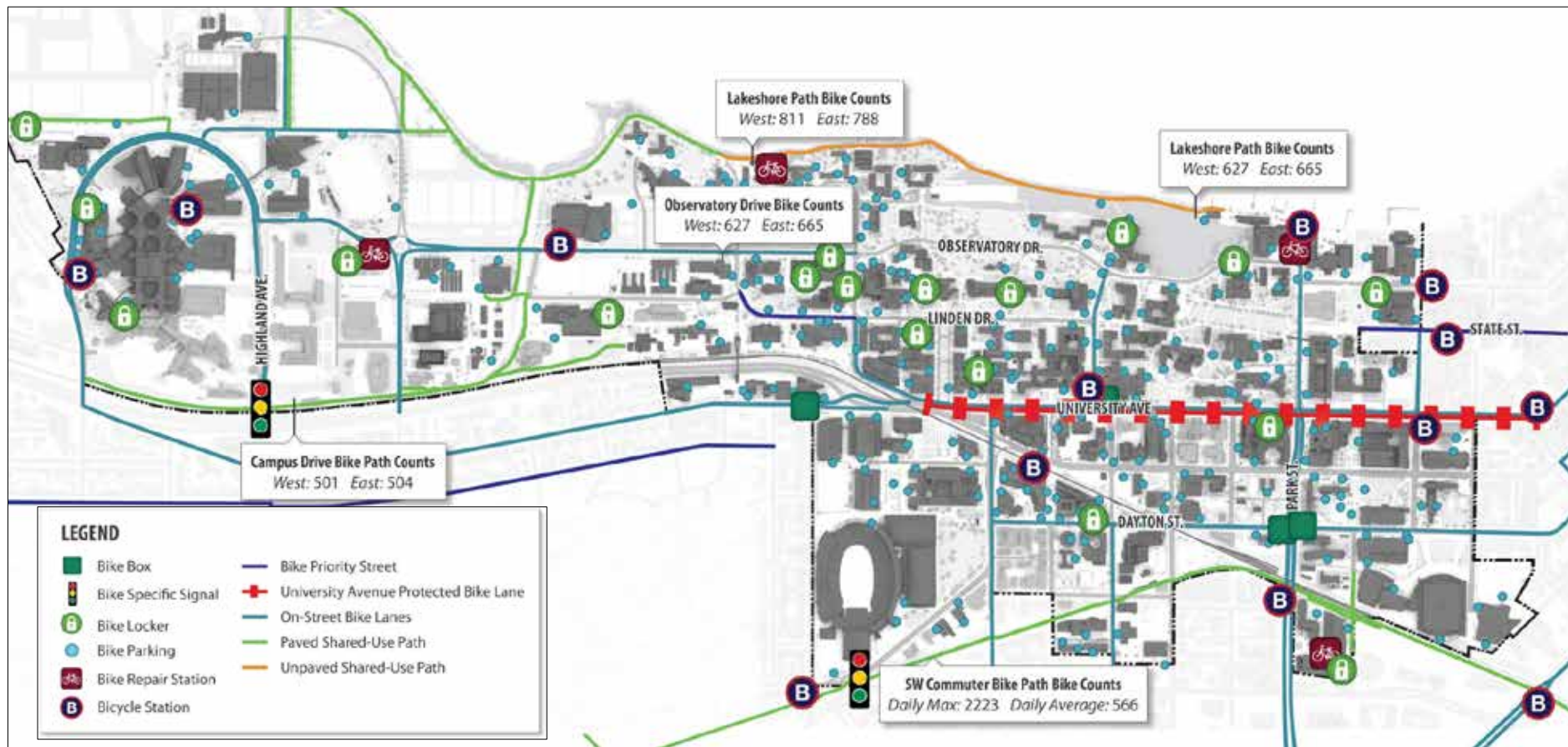
Vehicle Congestion on Local Streets

LEGEND

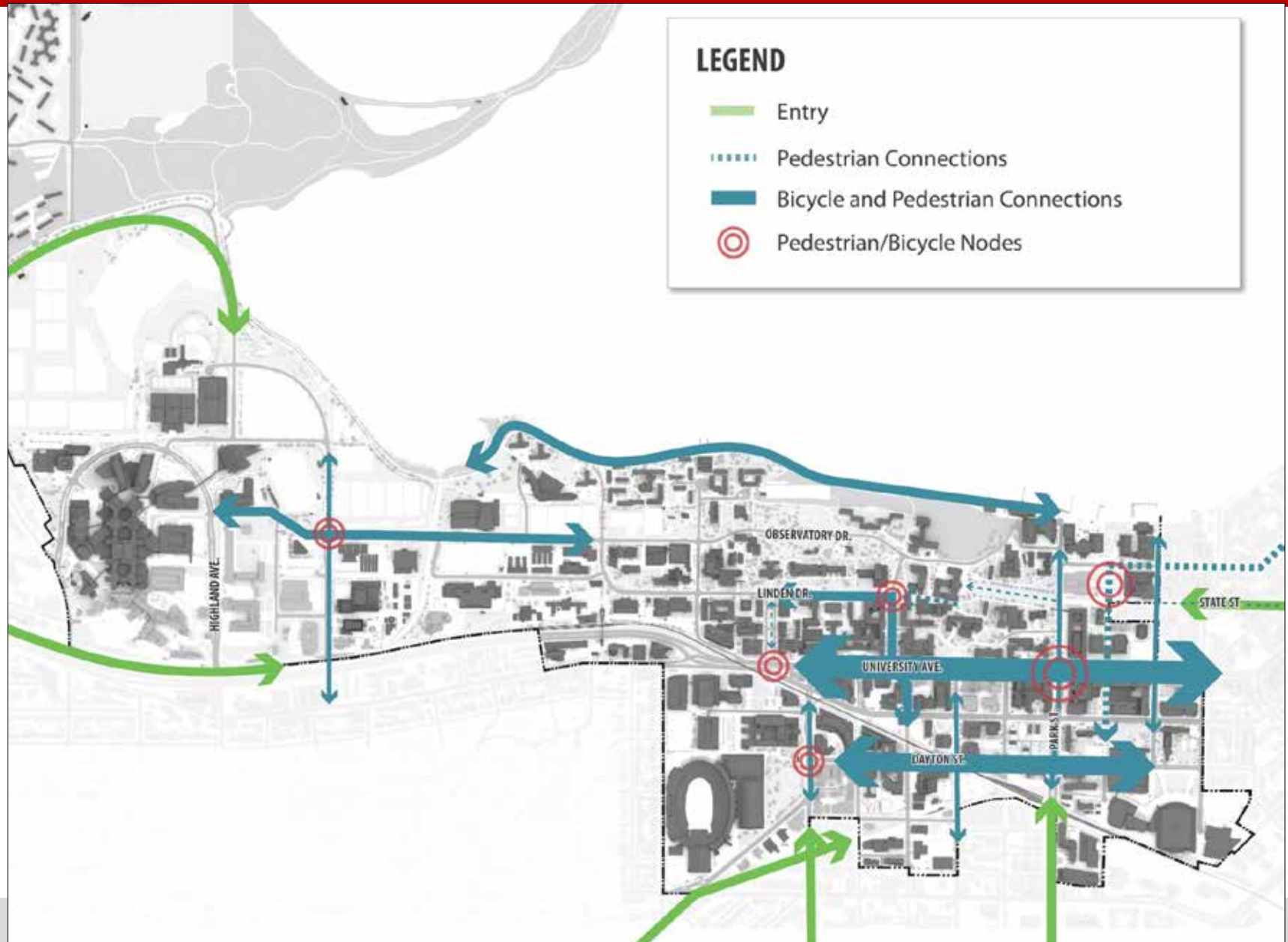
- Uncongested
- Relatively Uncongested
- Approaching Capacity/Slightly Congested
- Near or at Capacity/Congested
- Over Capacity
- Loading Docks



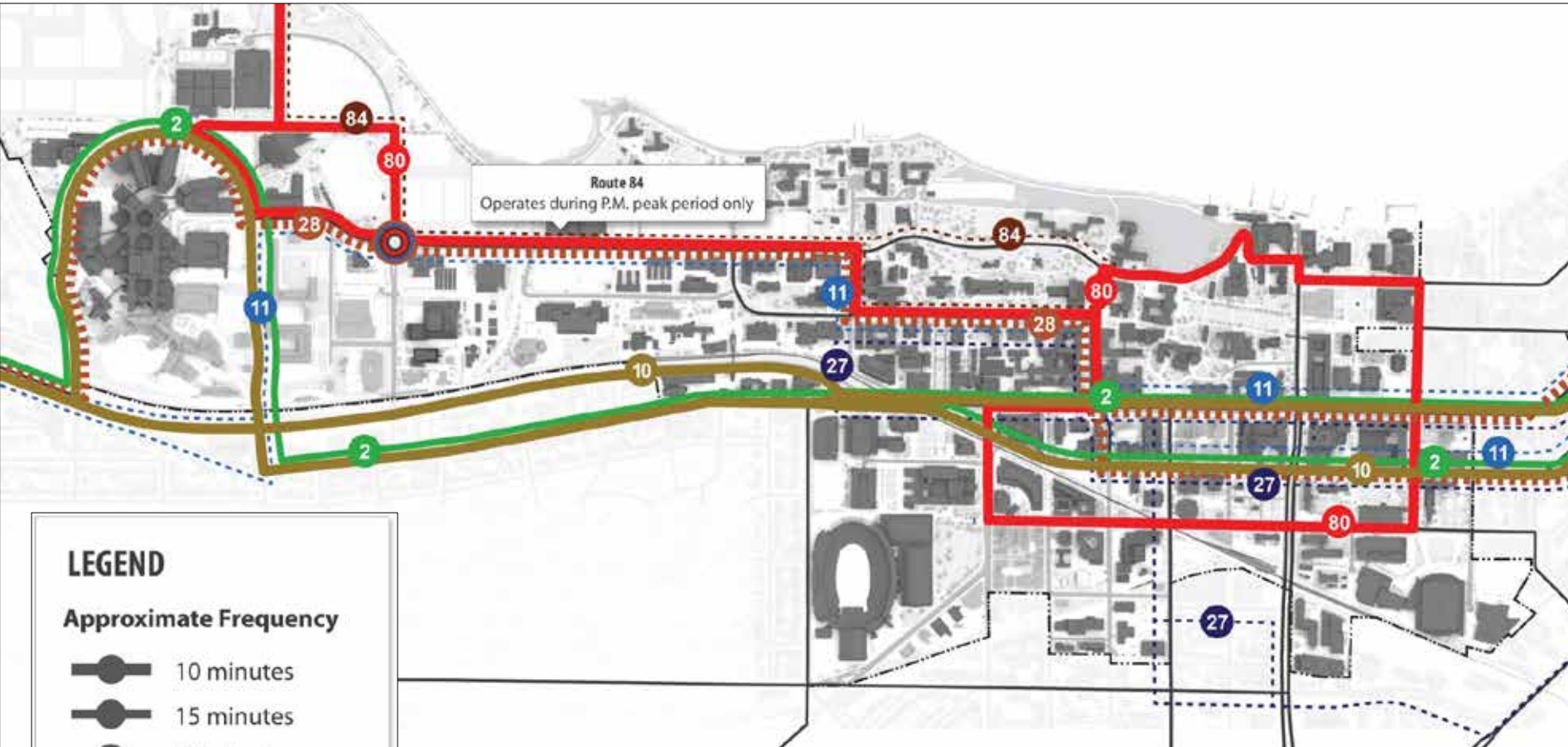
Bicycle Network & Facilities



Non-motorized Connectivity



Peak Transit Service



LEGEND

Approximate Frequency

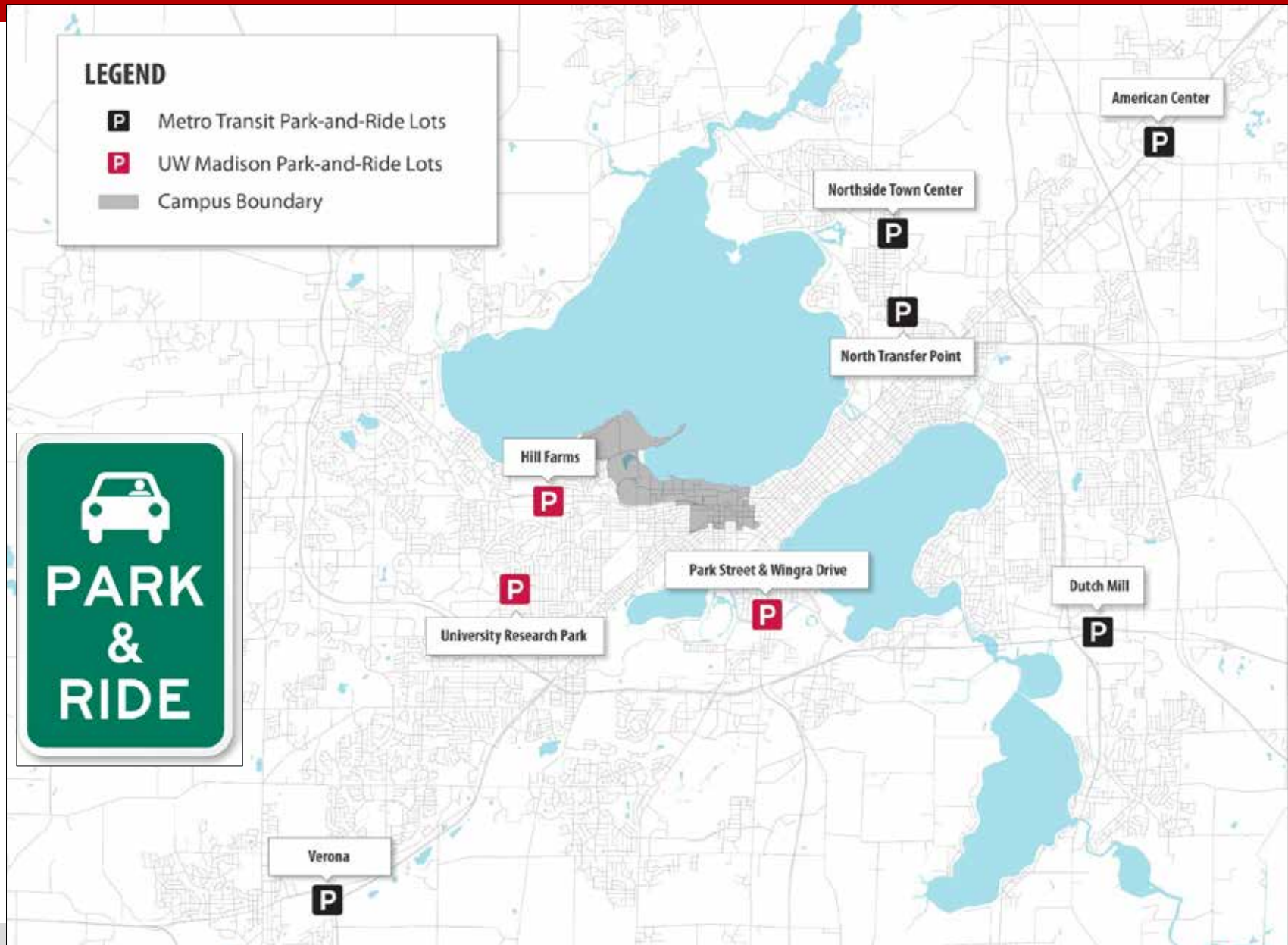
- 10 minutes
- 15 minutes
- 30 minutes

Peak Period Only

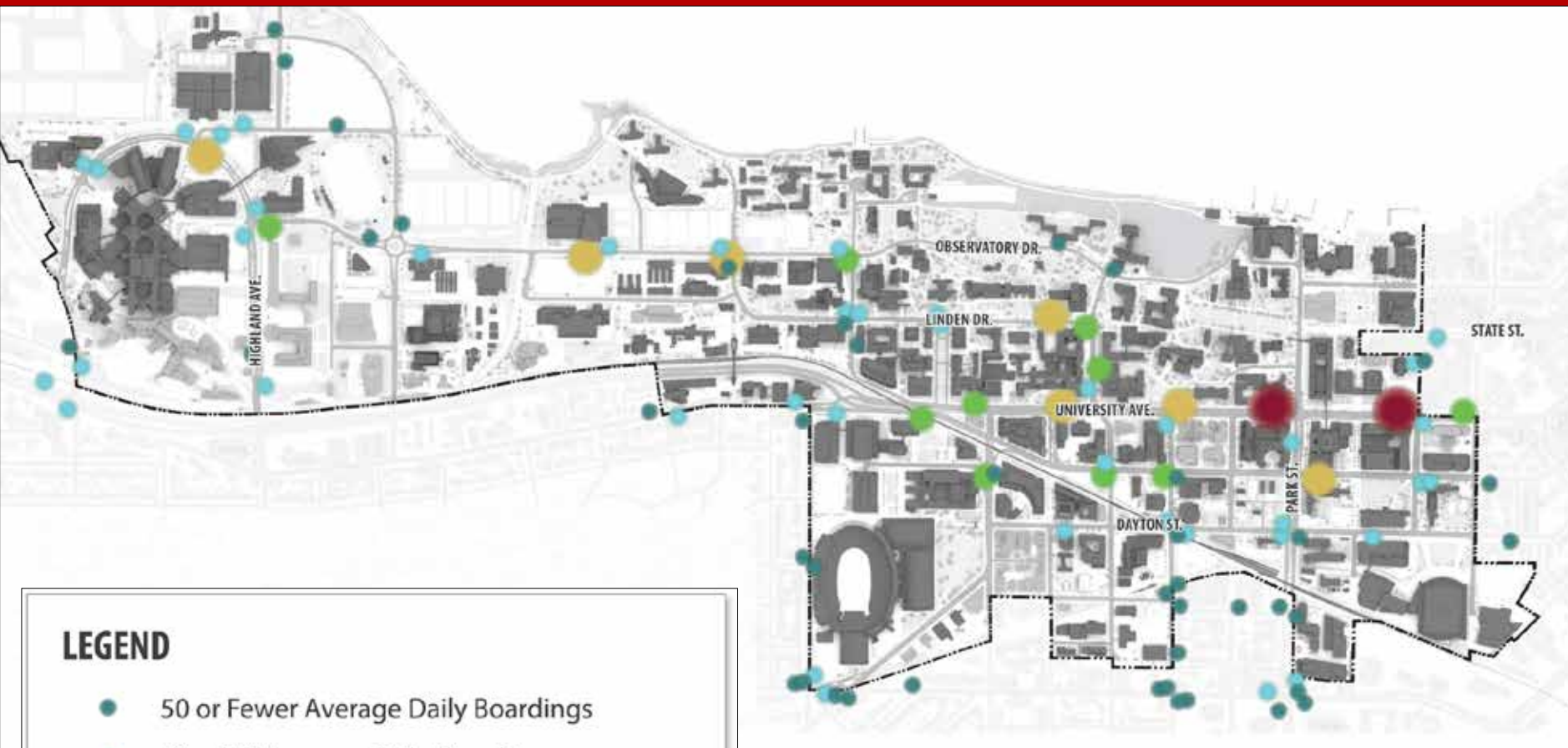
- 15 minutes

The service on this map reflects the time period between approximately 7 p.m. and 10 p.m.


Park and Ride Facilities



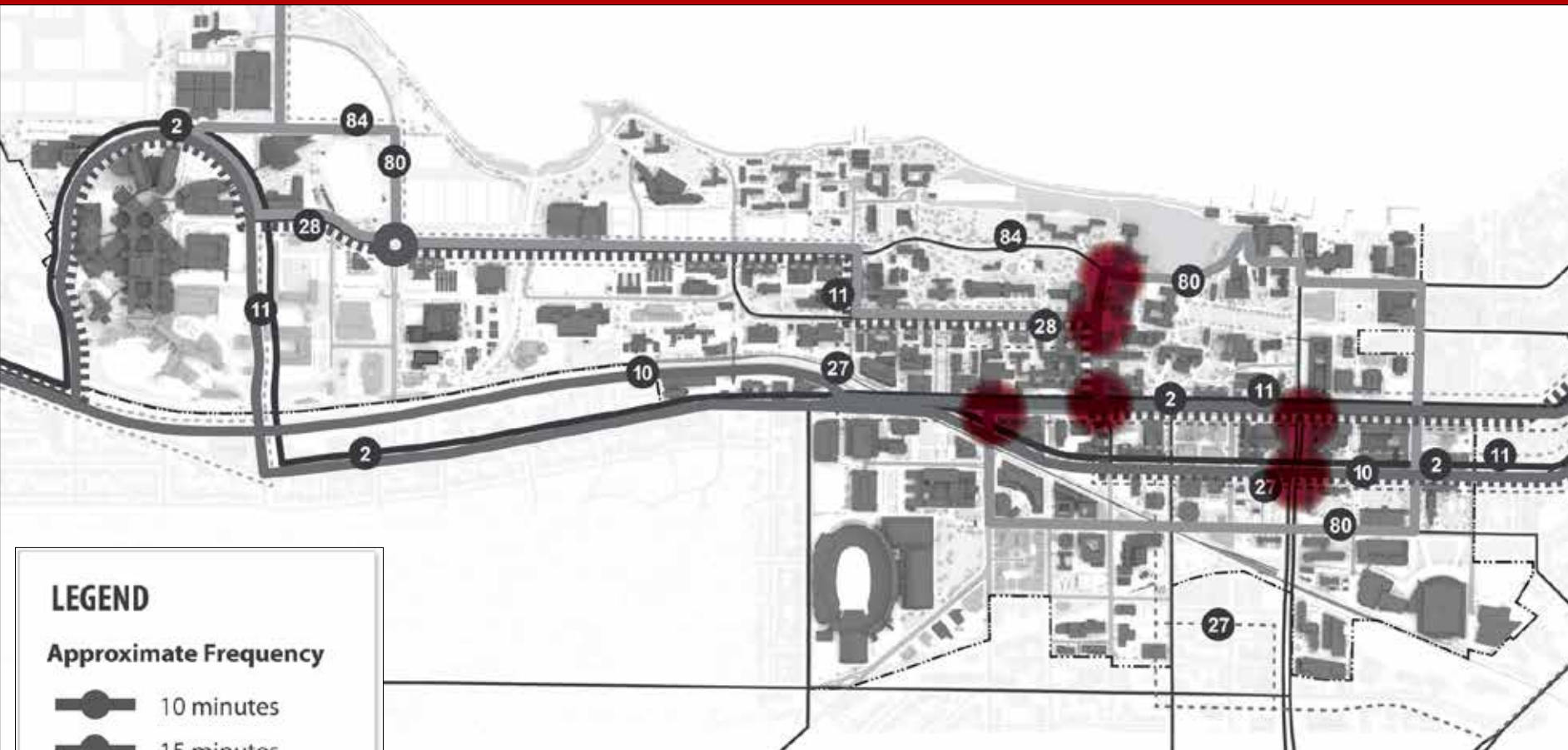
Transit Boardings



LEGEND

-  50 or Fewer Average Daily Boardings
-  51 – 250 Average Daily Boardings
-  251 – 500 Average Daily Boardings
-  501 – 1,000 Average Daily Boardings
-  More than 1,000 Average Daily Boardings

Locations with Transit Delays



LEGEND

Approximate Frequency

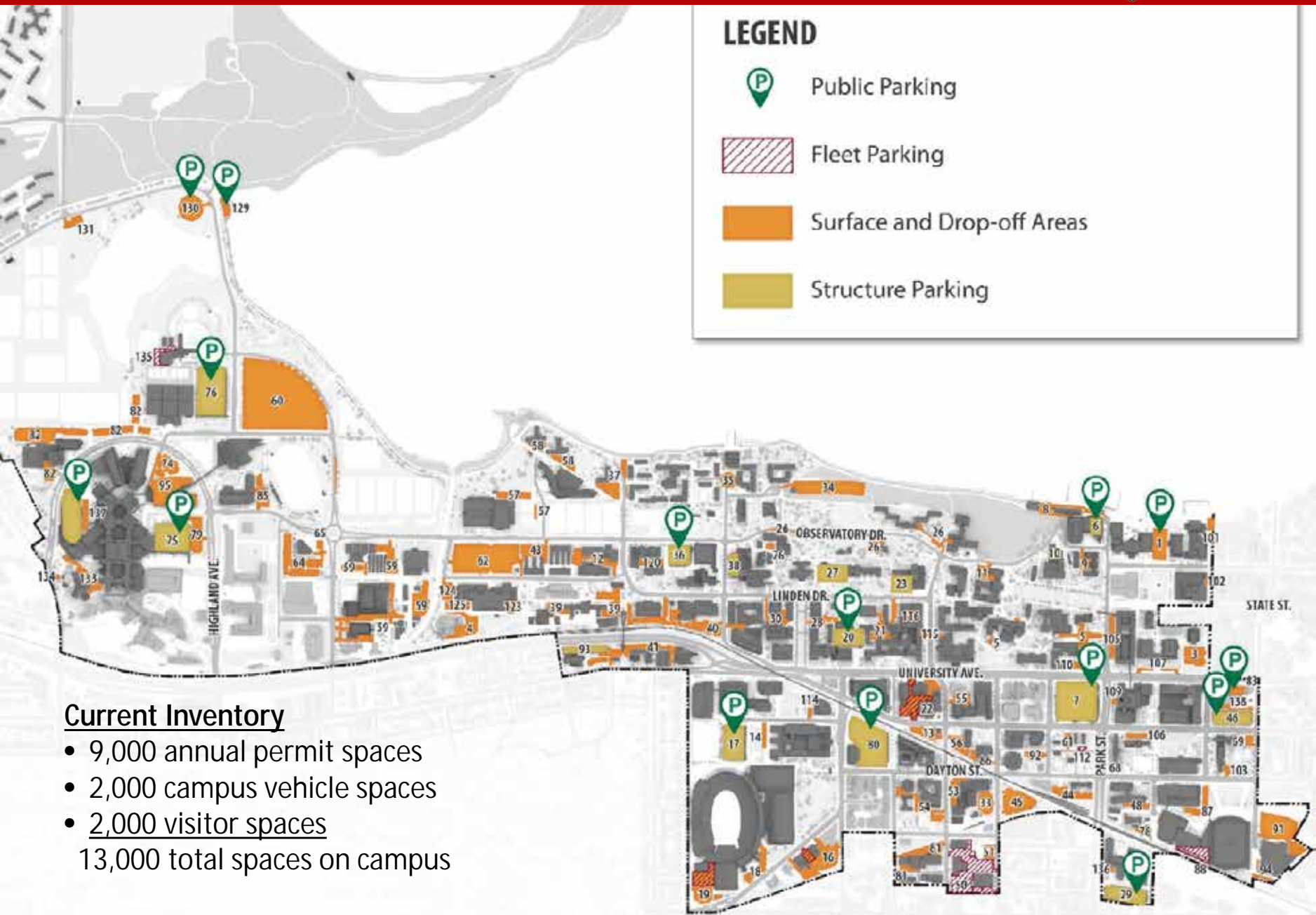
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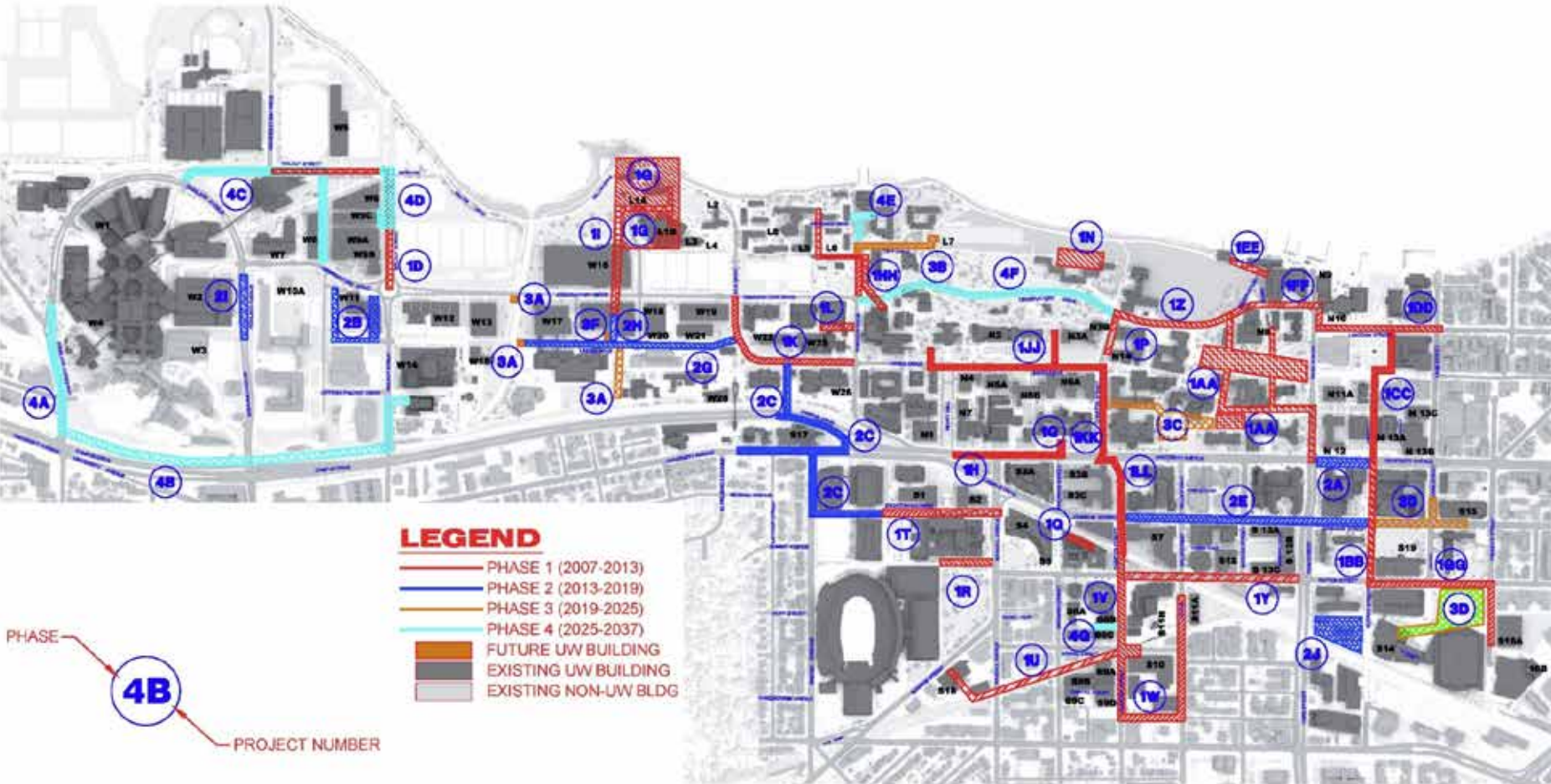
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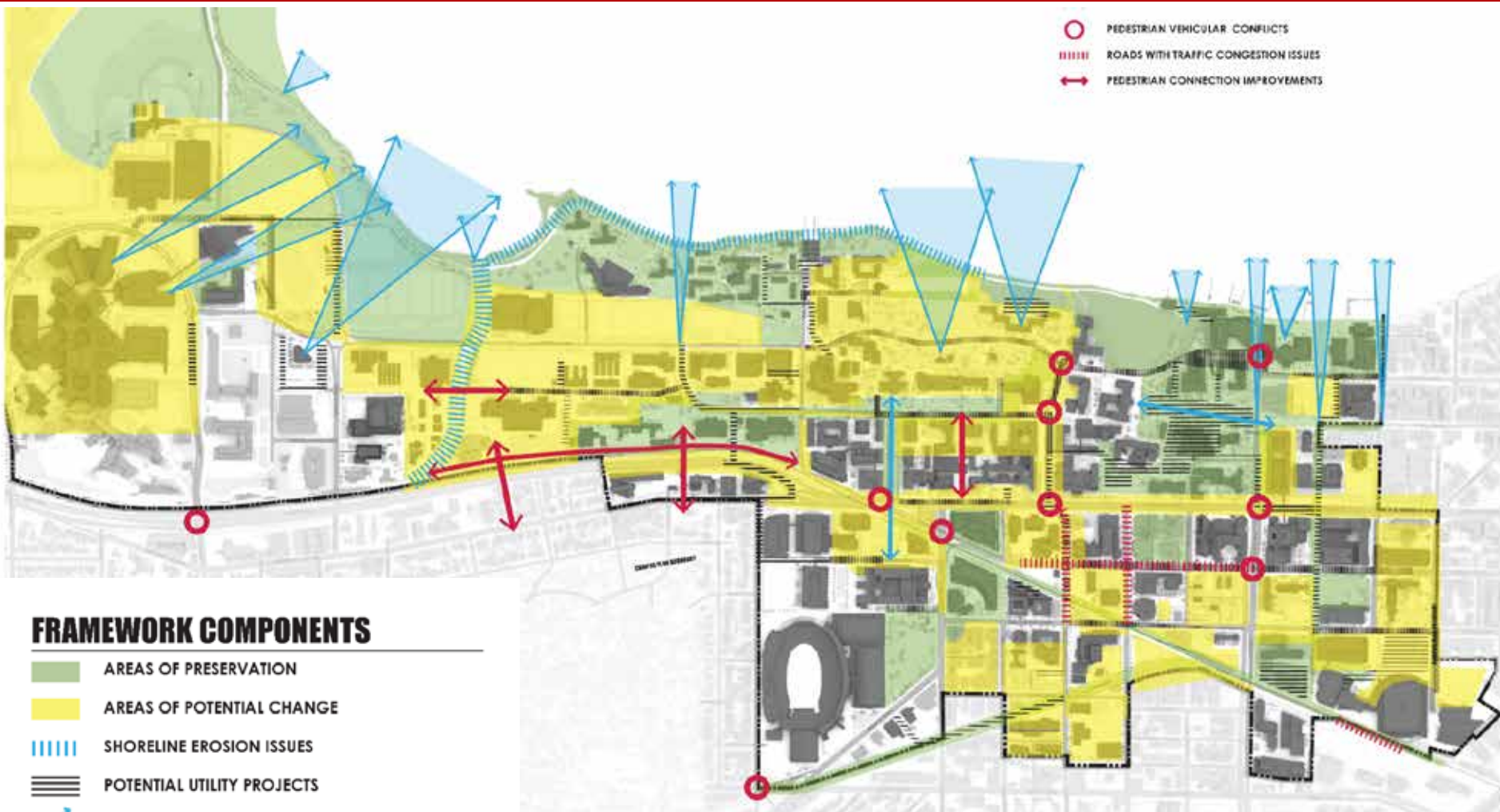
Transportation Plan – Parking Supply



Utilities Master Plan



Issues and Opportunities Summary

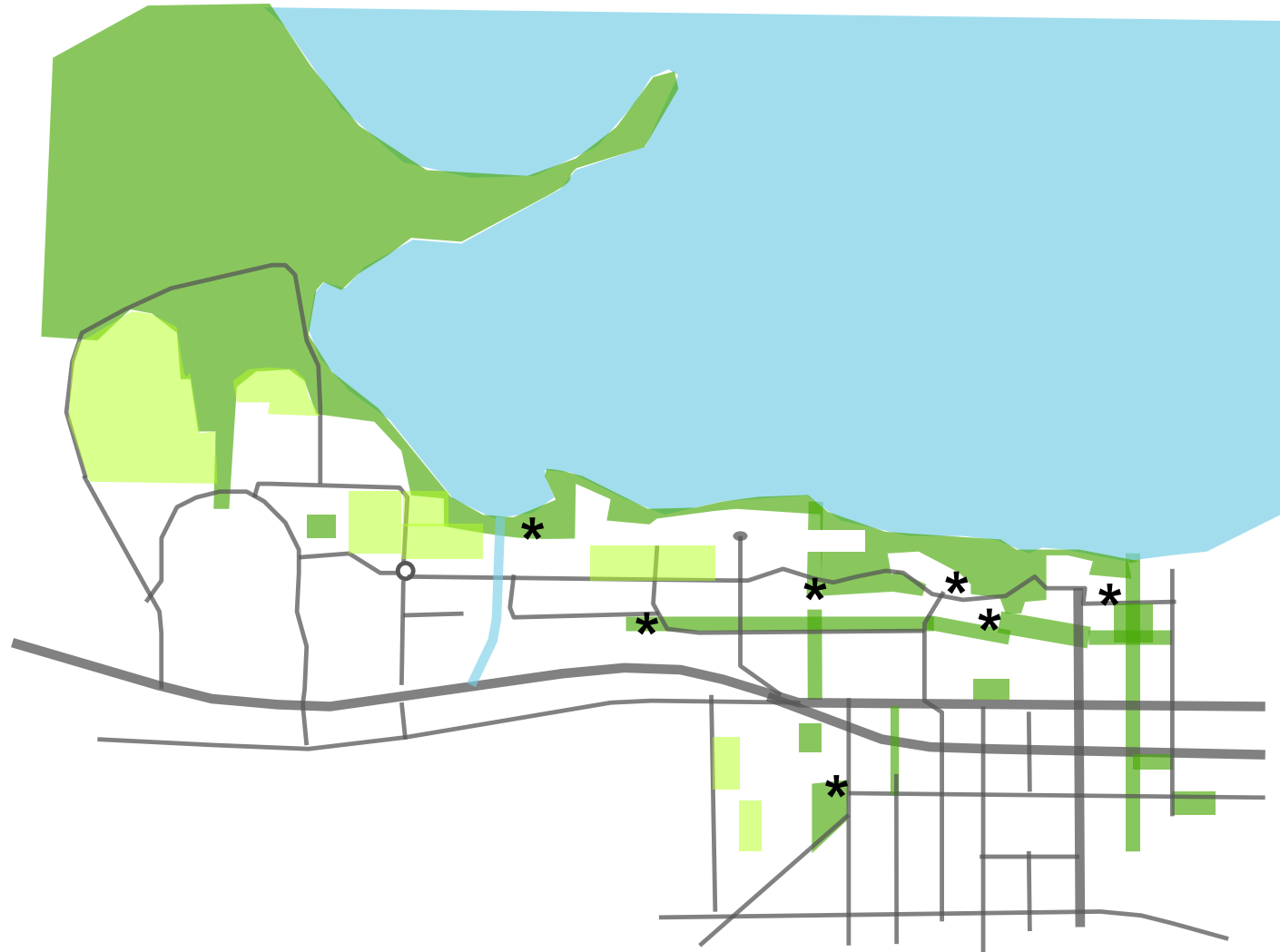


FRAMEWORK COMPONENTS

- AREAS OF PRESERVATION
- AREAS OF POTENTIAL CHANGE
- SHORELINE EROSION ISSUES
- POTENTIAL UTILITY PROJECTS
- VIEWSHEDS
- TWO-WAY VIEWSHEDS
- PEDESTRIAN VEHICULAR CONFLICTS
- ROADS WITH TRAFFIC CONGESTION ISSUES
- PEDESTRIAN CONNECTION IMPROVEMENTS

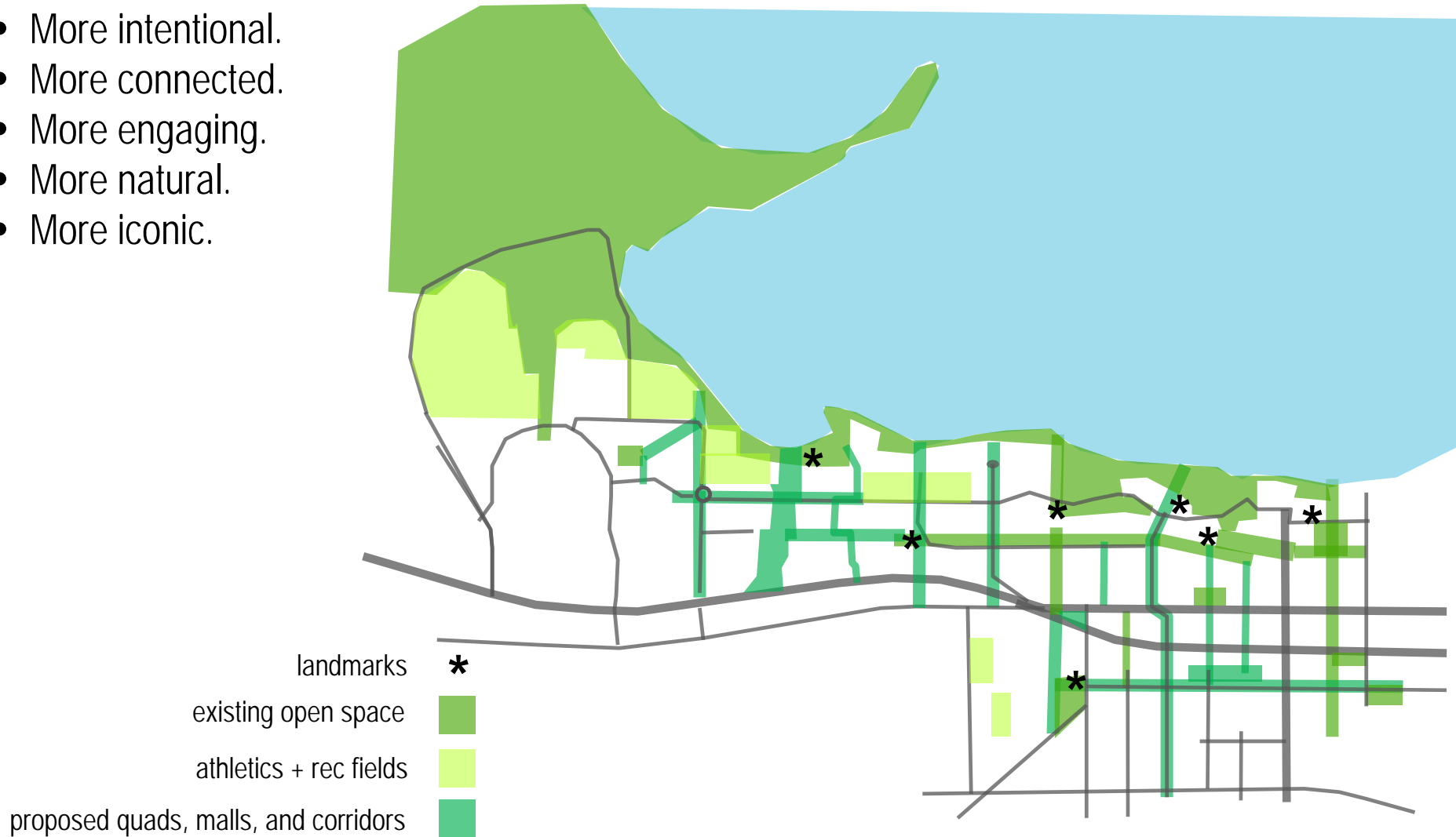
Existing Campus Landscape

- Natural areas
- Cultural/historical landscapes
- Quads and courtyards
- Pedestrian malls
- Athletic + recreation fields

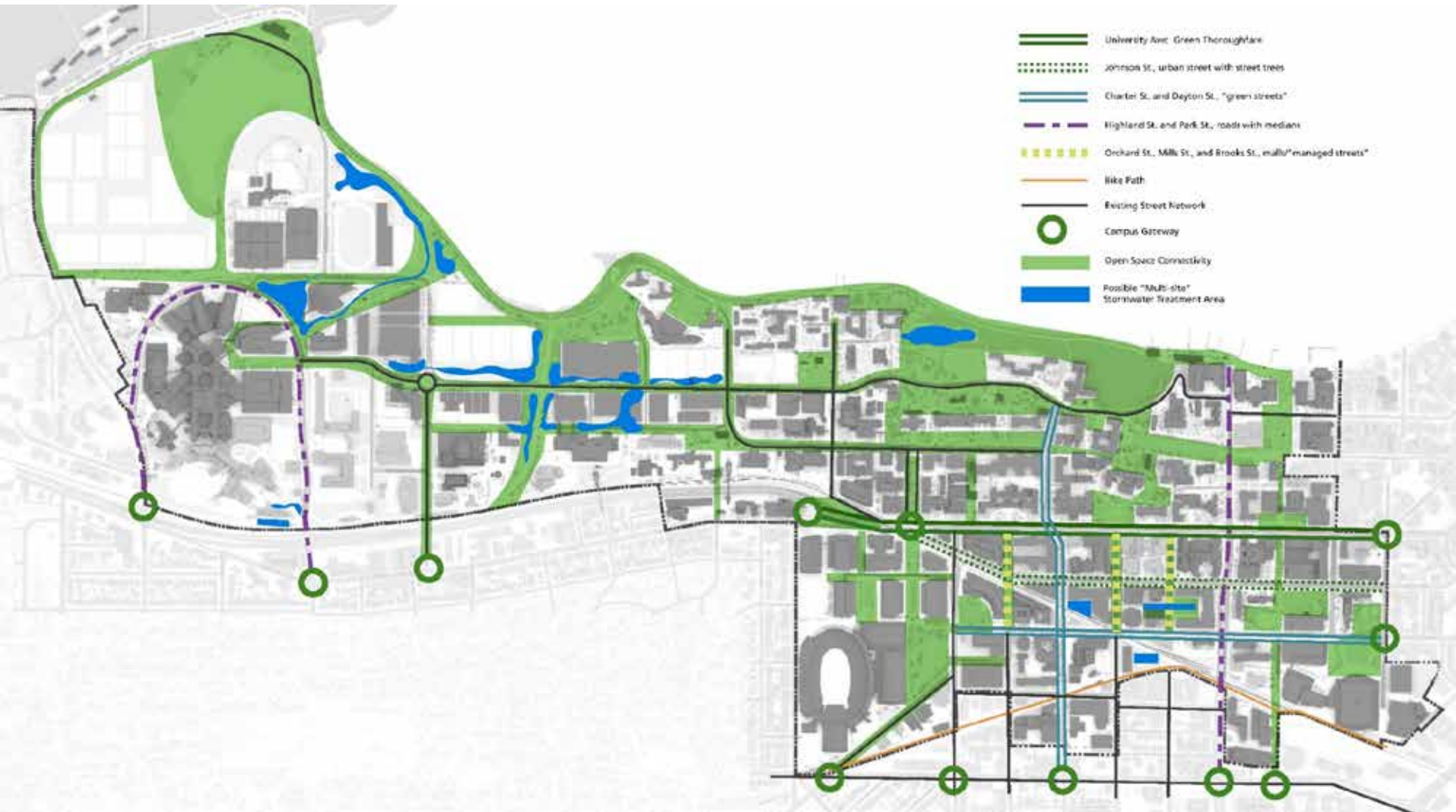


Landscape Framework Plan

- More intentional.
- More connected.
- More engaging.
- More natural.
- More iconic.

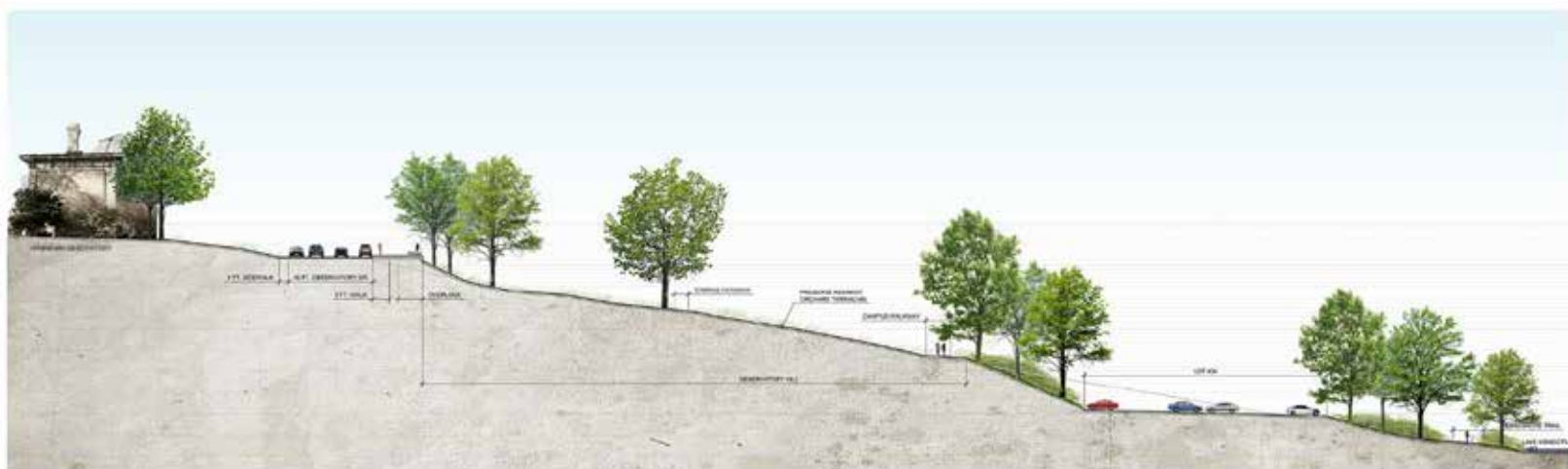


Preliminary Draft Landscape Framework Plan



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UNIVERSITY OF WISCONSIN - MADISON

2015 Campus Master Plan Update

Facilities Planning & Management

[Home](#)[About](#)[Current Information](#)[Community Input](#)[2005 Campus Master Plan](#)[Historic Campus Plans](#)[FAQ's](#)

Your voice is important and we want to hear from you! Join our campus community and provide feedback to plans, upload imagery, identify special locations on maps and see what others are thinking!

Welcome to the website of the 2015 Campus Master Plan Update for the University of Wisconsin-Madison.

Here you will find important information related to the process and how you can make your voice and ideas heard. This site will be continually updated throughout the process and is designed to answer questions about the Campus Master Plan Update and encourage community and campus participation through its two-year development.

The need for a Campus Master Plan is rooted in Wisconsin Statutes 13.48(1), which requires all institutions to develop a long range facilities plan. UW Board of Regents policies also include planning principles that require facilities be planned to be responsive to programs and the way they are delivered: that our physical environment is planned

IMPORTANT NEWS & DATES

[Inside UW news article](#) - 11/04/14

Public Informational Meetings:

Open House #1A - April 28, 2015

Cooper Hall (School of Nursing)
701 Highland Ave Rm.1121 6-8 pm

Open House #1B - April 29, 2015

Mechanical Engineering
1513 University Ave
Rm 1106 5-7 pm

Open House #2 -- Week of Sept. 14, 2015

Open House #3 -- Week of Jan. 25, 2016



2015 UW-Madison Campus Master Plan Update

masterplan.wisc.edu



Photography: Jeff Miller

Public Open House #2A

September 15, 2015 7-9PM

Health Sciences Learning Center (HSLC) Rm 1325

750 Highland Avenue

Public Open House #2B

September 16, 2015 7-9PM

Gordon Dining and Event Center Rm. Sonata

770 W. Dayton Street

Analysis Observations & Data Presentation



UW-Madison Facilities Planning & Management
9th Floor WARF Building · 610 Walnut Street
608-263-3000 · www.fpm.wisc.edu



2015 UW-Madison Campus Master Plan Update

masterplan.wisc.edu

Open House #3

Photography: Jeff Miller

Public Open House #3

October 27, 2015 7-9PM

Health Sciences Learning Center (HSLC) Rm 1325
750 Highland Avenue

Draft Alternatives Presentation



UW-Madison Facilities Planning & Management
9th Floor WARF Building 610 Walnut Street
608-263-3000 www.fpm.wisc.edu



Comments & Questions



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