

The George Washington University | Streetscape Concept Plan



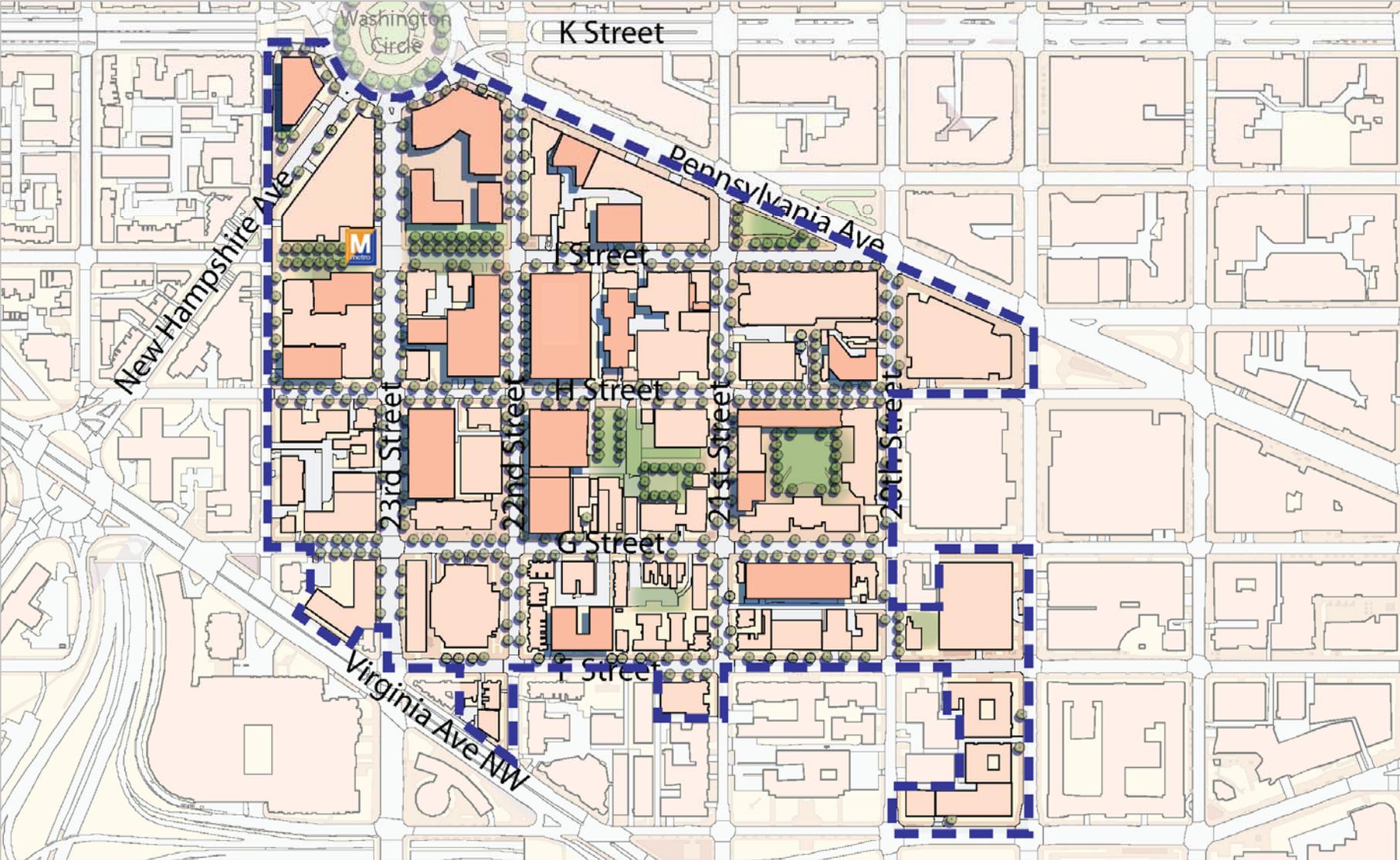
June 15th 2009 | Public Presentation for Discussion

EHRENKRANTZ ECKSTUT & KUHN ARCHITECTS



- 1. Overview**
- 2. Community Comments and Recommendations**
 - **The Cart-way**
 - **Clear Walkway**
 - **Furnishing Zones**
 - **Planting/ Setback Area**
- 3. Next Steps**

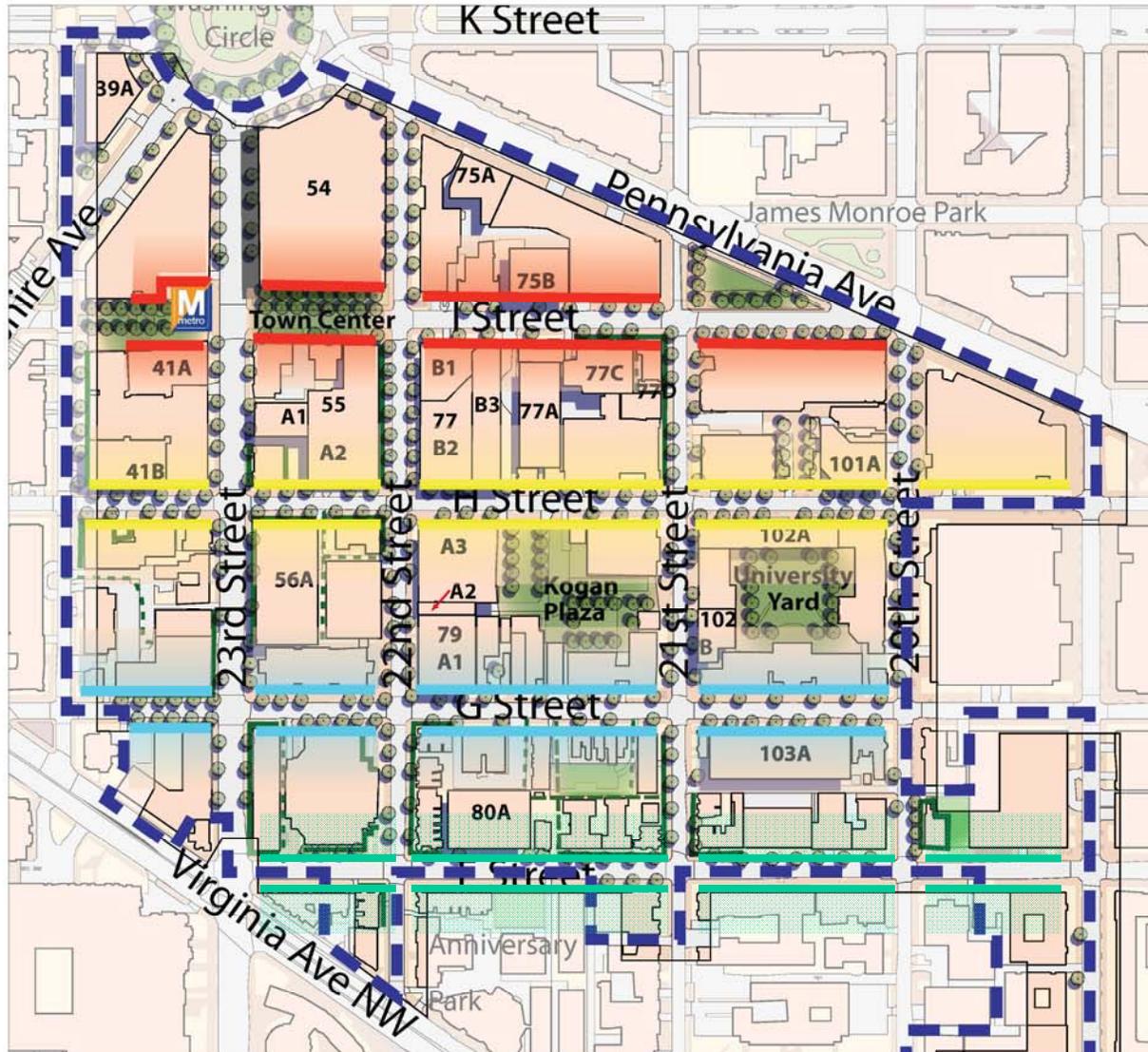
Campus Illustrative Master Plan



Street Types: East-West Primary, Transitional Campus Streets



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VIEW OF I STREET

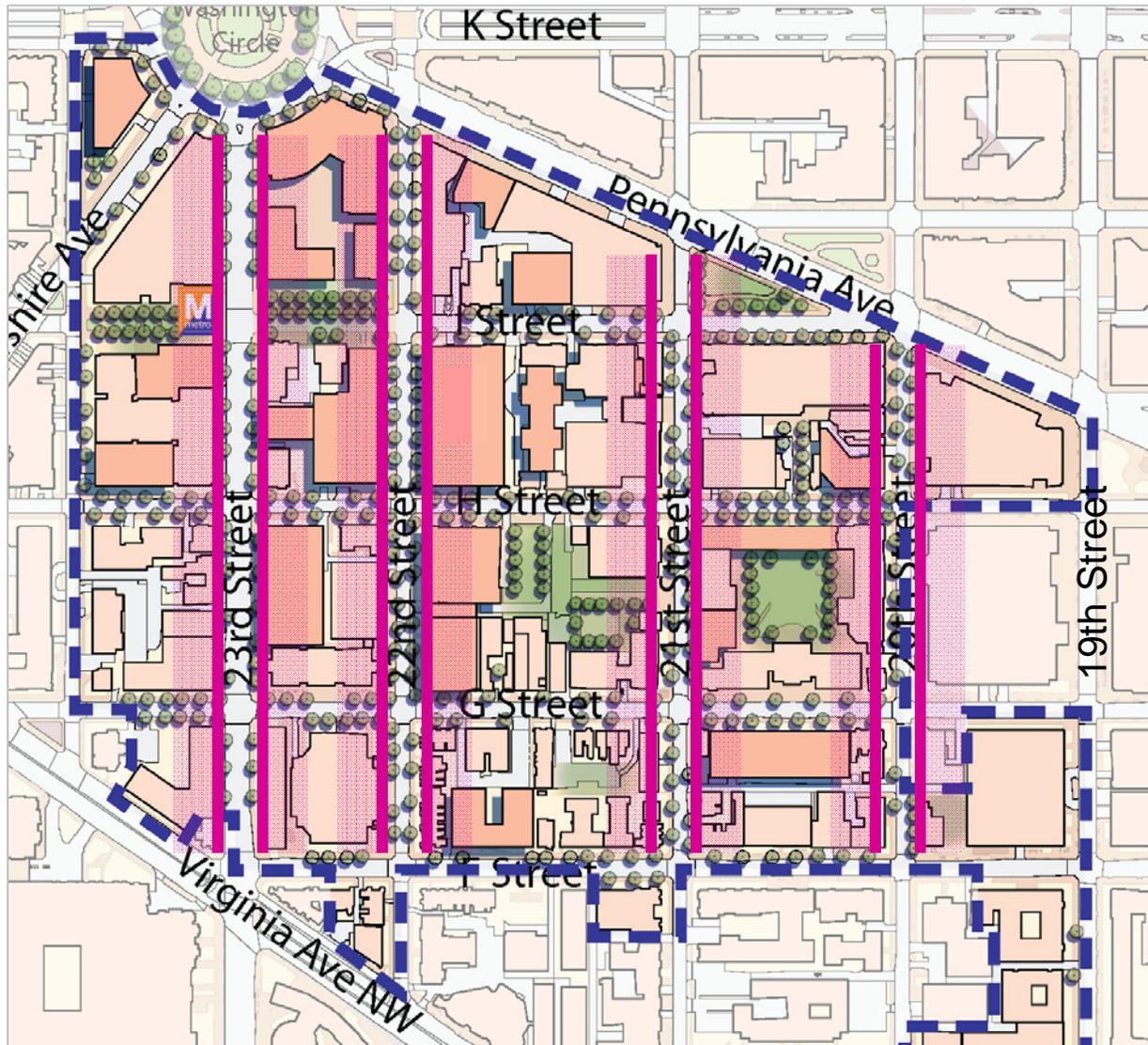


VIEW OF H STREET



VIEW OF G STREET

Street Types: North-South City Streets





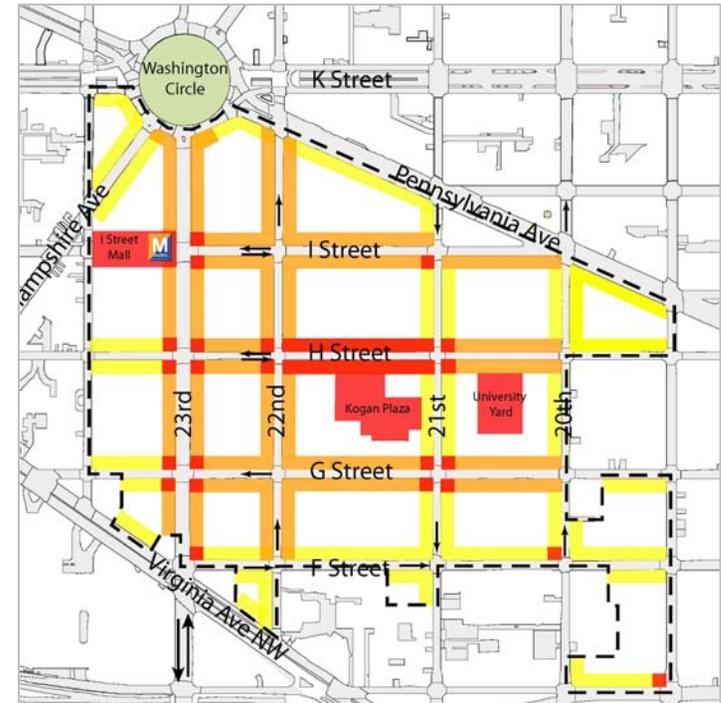
- **Recognize the University's presence in Foggy Bottom and West End Neighborhoods:** maintenance and improvement plan for streetscape elements, specific to GW and complementary to Washington, DC fabric;
- **Express and strengthen the character and identity of the campus within the campus boundary:** implementation of additional streetscape elements where campus uses and activities are more intense;
- **Enhance the special nature of streets within the campus boundary:** utilize streetscape elements particularly to enhance the pedestrian character of the east/west "campus streets" and
- **Identify a coherent palette of streetscape elements:** utilize elements that enhance the presence of the University and respond to needs of pedestrians, bicycles, and automobiles as they move through and within the campus.

Design Principles



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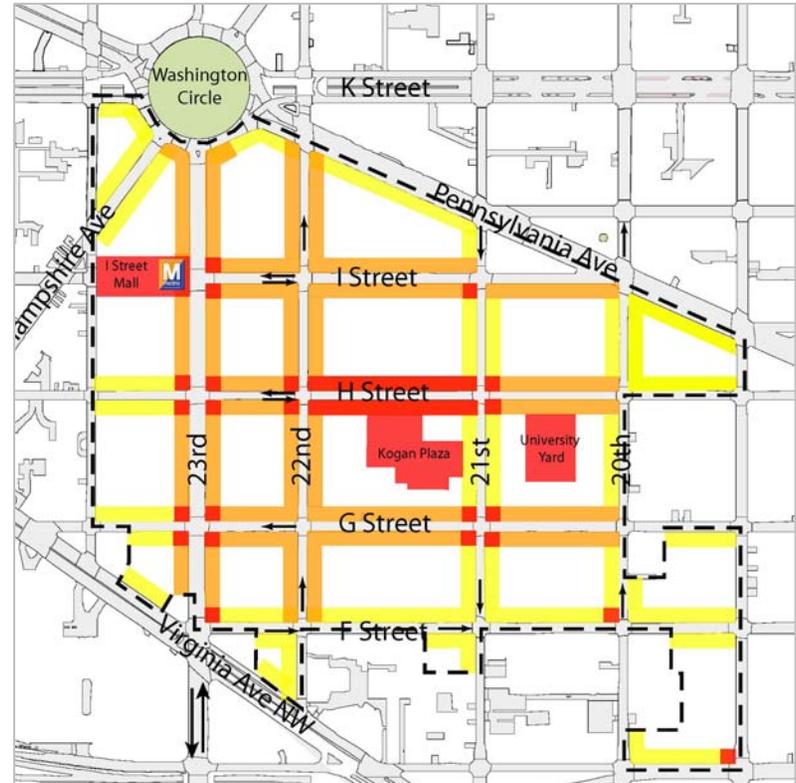
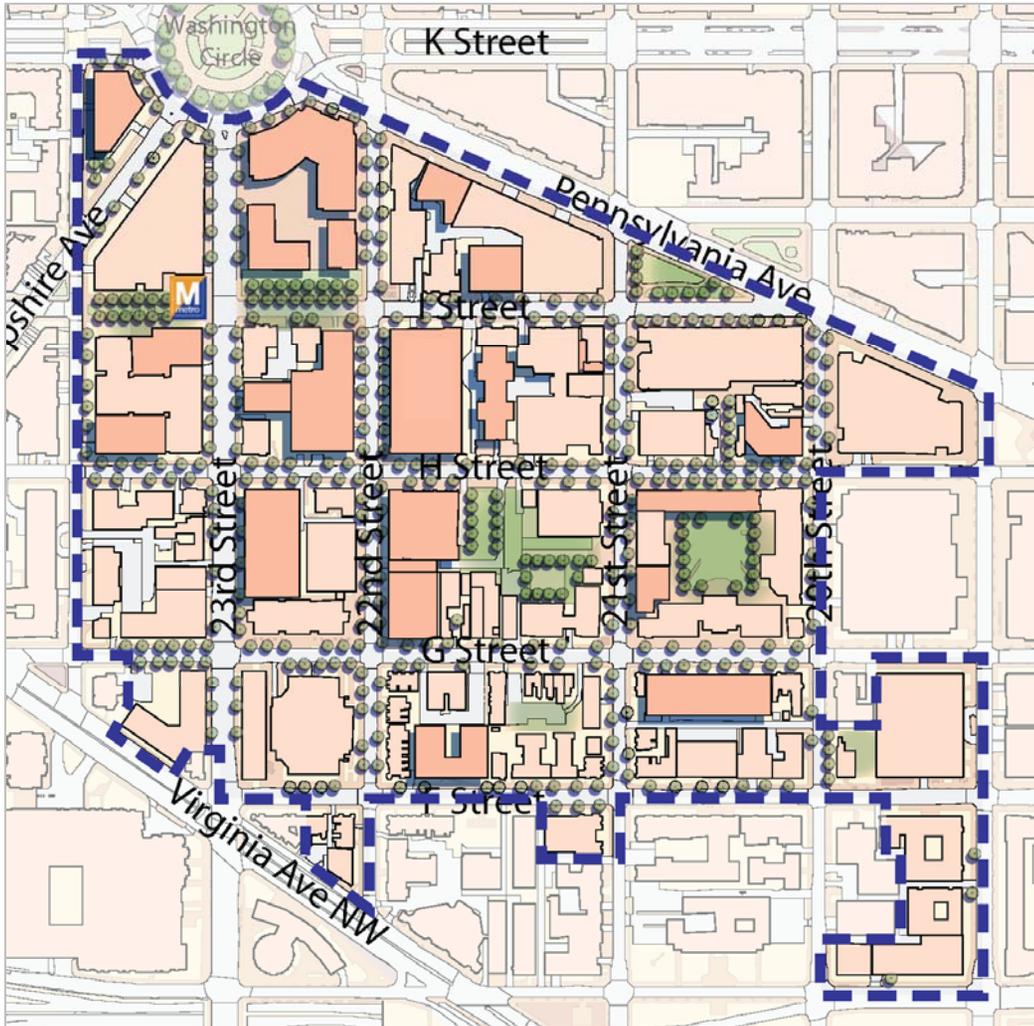
- Develop a **vocabulary of standardized University elements** to form the “kit of parts” for future streetscape development;
- Identify “**special places**” on campus where enhanced streetscape embellishments could occur;
- Promote an environment which provides **ease of movement and safety** for (and minimizes conflicts between) pedestrians and vehicles;
- Design University way-finding, building identification & gateway signage to be clearly visible from the perspective of the pedestrian and the driver;
- Maintain existing street trees where possible and provide tree boxes in the furnishing zone that facilitate healthy growth and easy maintenance;
- Provide streetscape and landscape design elements that are sustainable, enhance context, and are consistent with applicable District standards; and
- Enhance campus security and encourage positive surveillance through the use of streetscape elements.



Streetscape Concept Plan



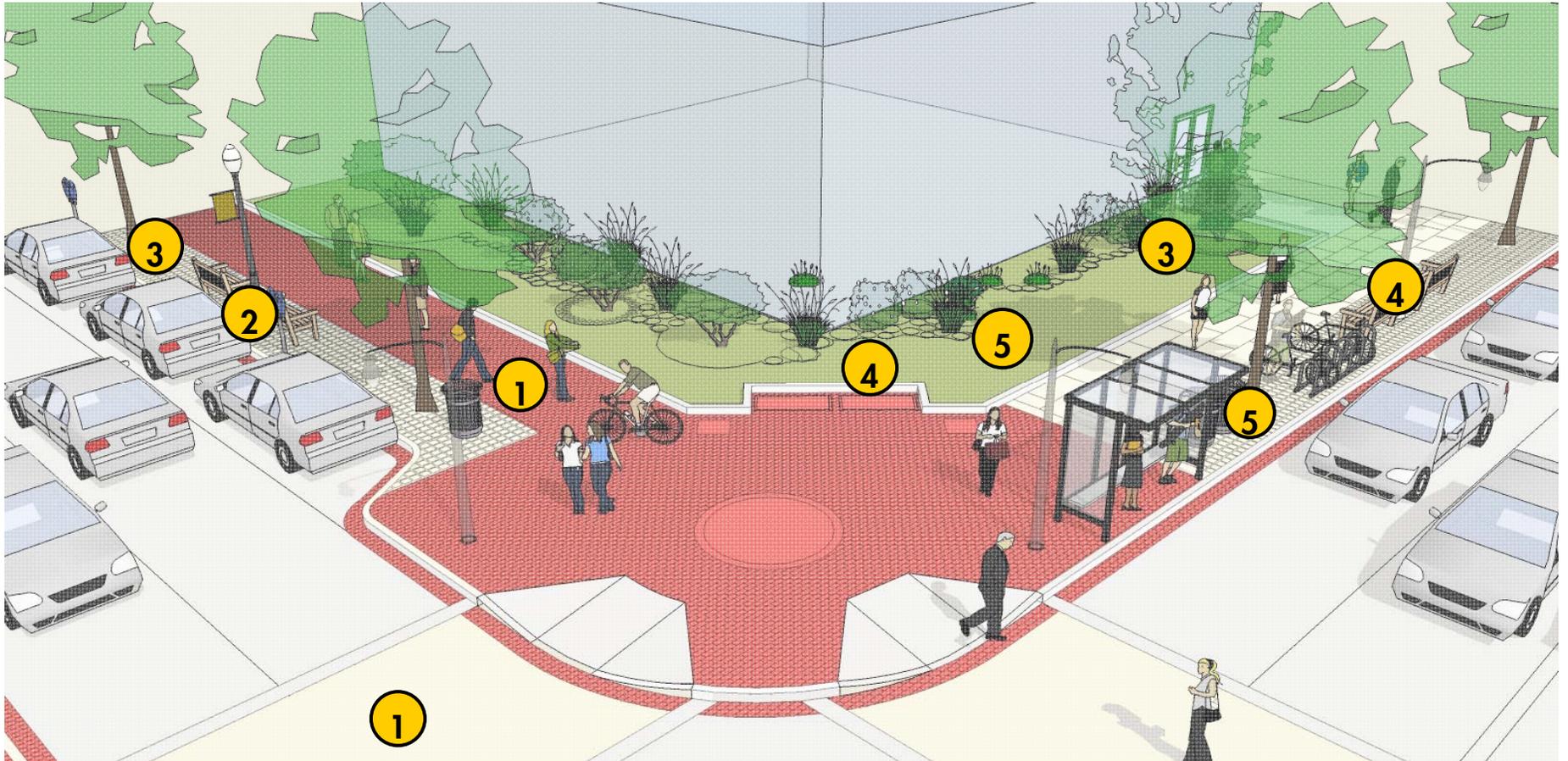
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Community Comments and Follow Up - Summary



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1. SAFETY

2. LIGHTING

3. SIGNAGE/ IDENTITY

4. AMENITIES

5. LANDSCAPE



The Cart-way – Community Comments



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Pedestrian Safety

Some poorly marked intersections

Bump-outs on East-West Streets

23rd street: pedestrian safety issues

Improve Signalization for pedestrians

Use Traffic calming devices –
Enhanced Crosswalks
Audio signals
Signalization



The Cart-way - Recommendations



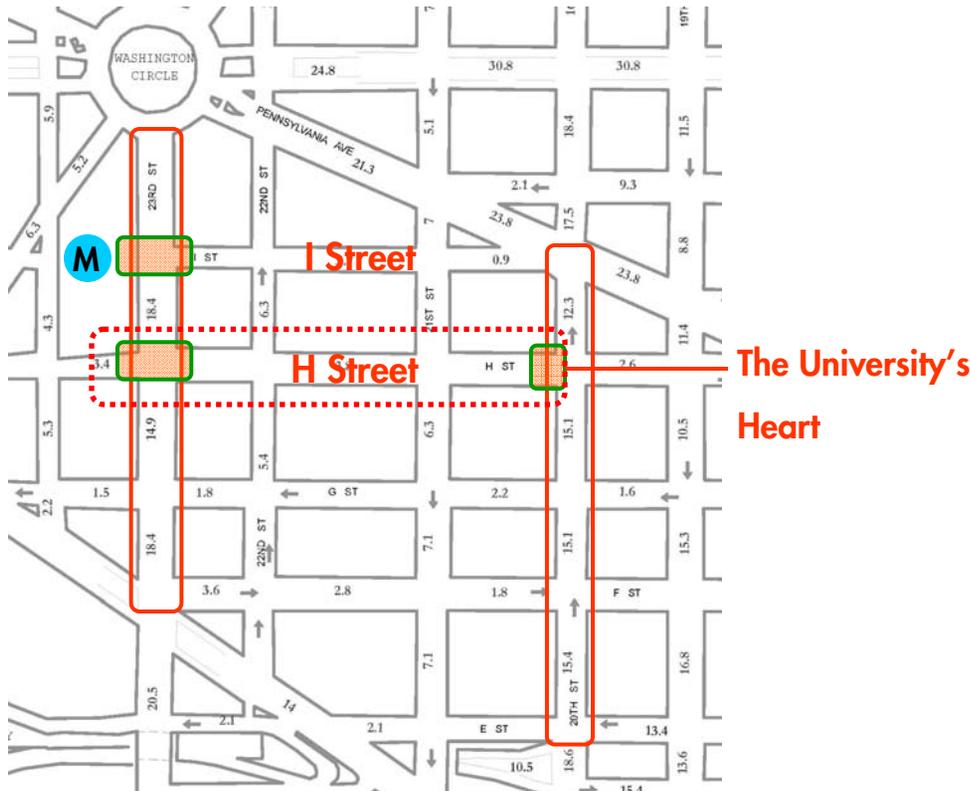
Pedestrian Safety: Bump-outs and Intersections

23rd Street

Up to 18,000 ADT

20th Street

Up to 15,000 ADT



20th and 23rd Streets have the highest traffic volumes

Enhanced pedestrian crossings could be used at critical intersections

Primary Intersections –

23rd and I Street

23rd and H Street

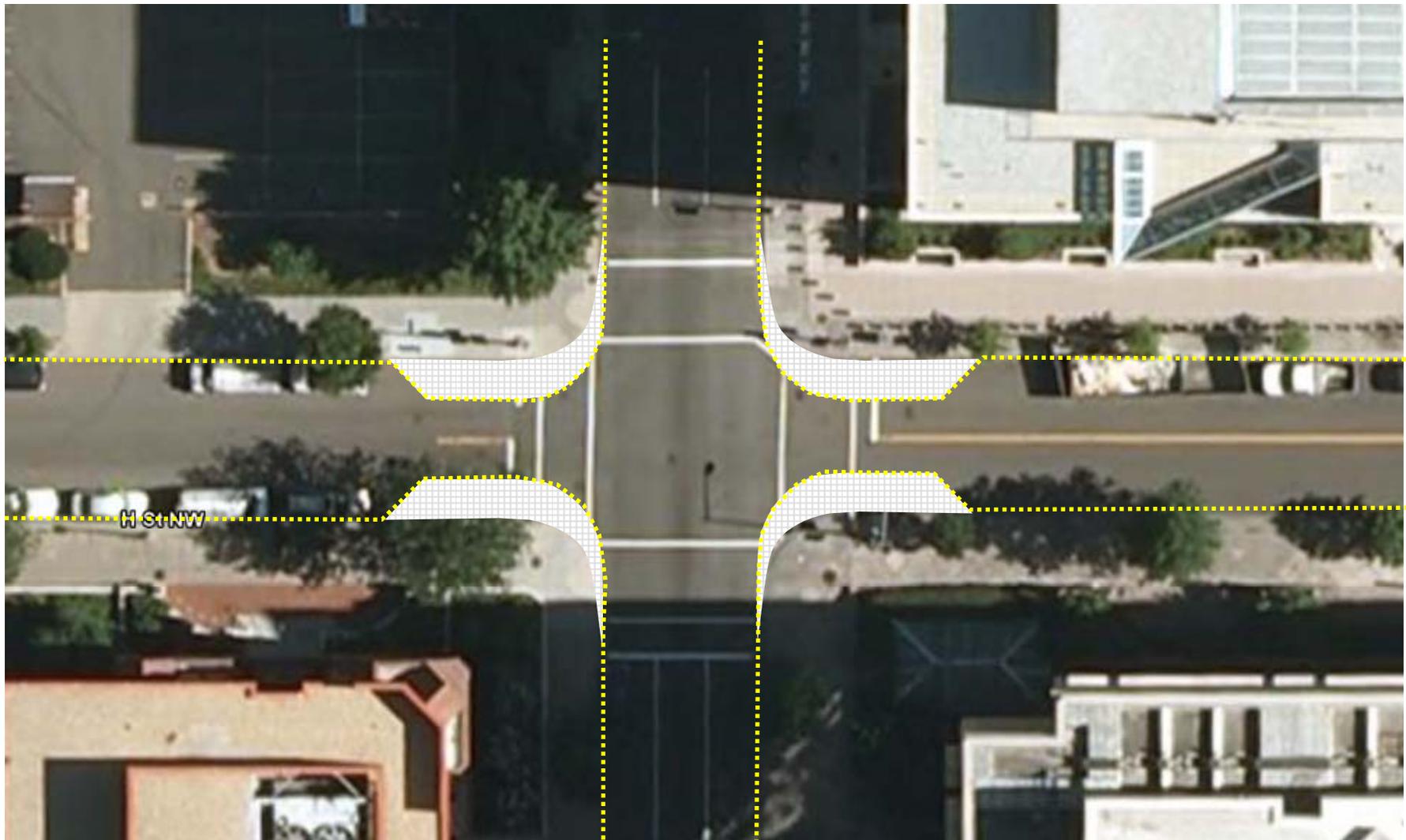
20th and H Street

Bump-outs along H Street to reinforce its role as the University's Heart





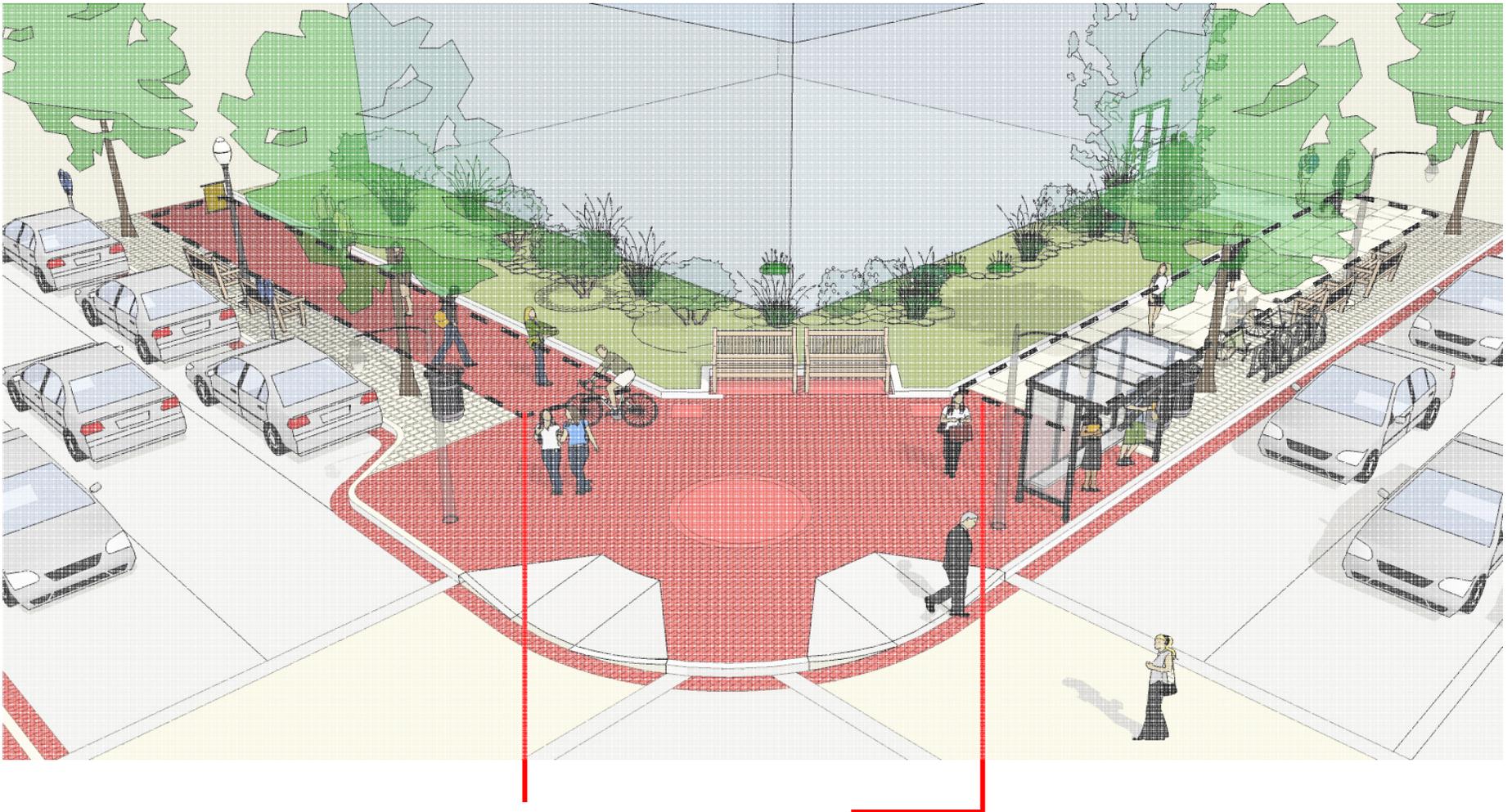
Pedestrian Safety: Bump-outs and Intersections



The Clear Walkway



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THE CLEAR WALKWAY

Standard 5' clear width

Paved with a consistent material

No vertical elements should be located here

The Clear Walkway – Community Comments



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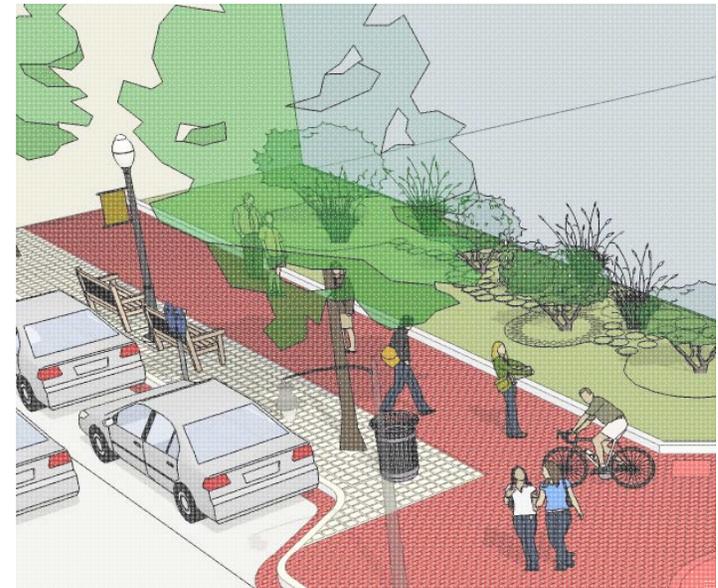
Pedestrian Safety: Quality of Sidewalk Paving

Encourage high quality installation of brick

Concrete offers more “friction” to walk on

Some cobbles are hard to walk on

Differentiate between furnishing zone and clear walkway zone



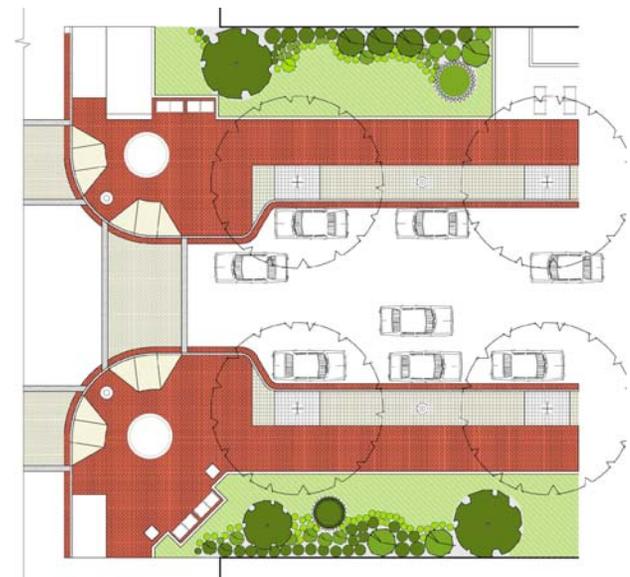
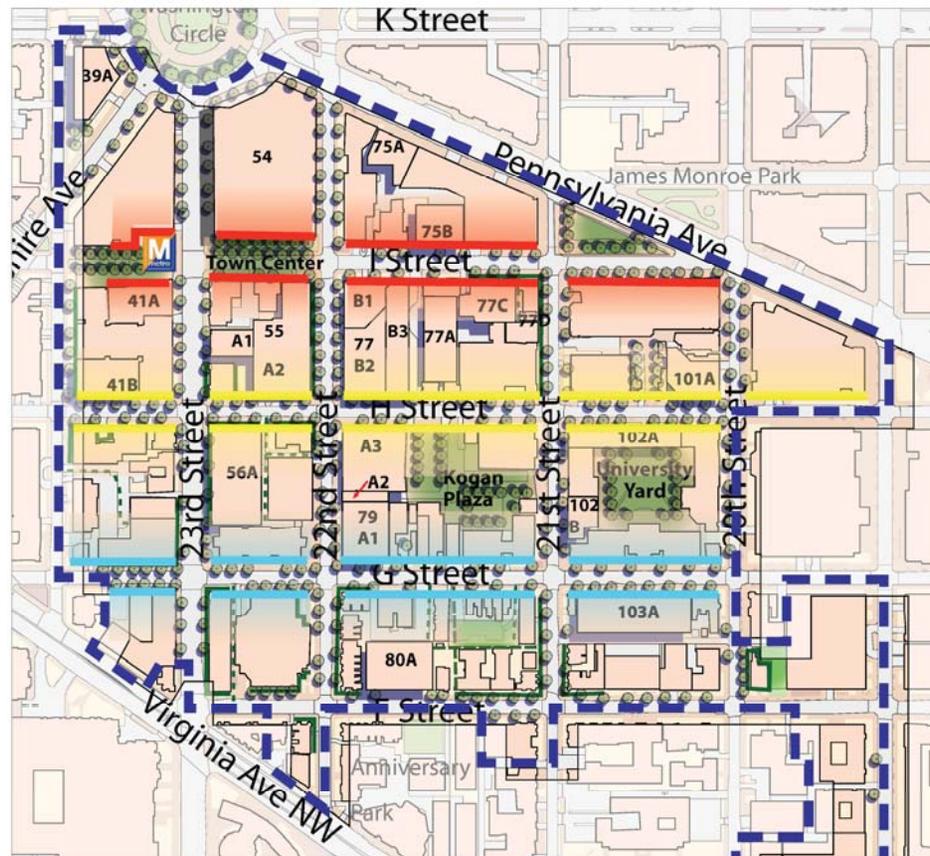
20TH Street between
H and Penn. Ave.



23rd Street between I and H

Recommendations

- The University has adopted a already largely brick paving palette on North-South and East-West Streets
- East-west Street in Brick and Cobble
- Well installed – standard installation on a concrete bed
- Work with DDOT to ensure permit rights for ongoing maintenance

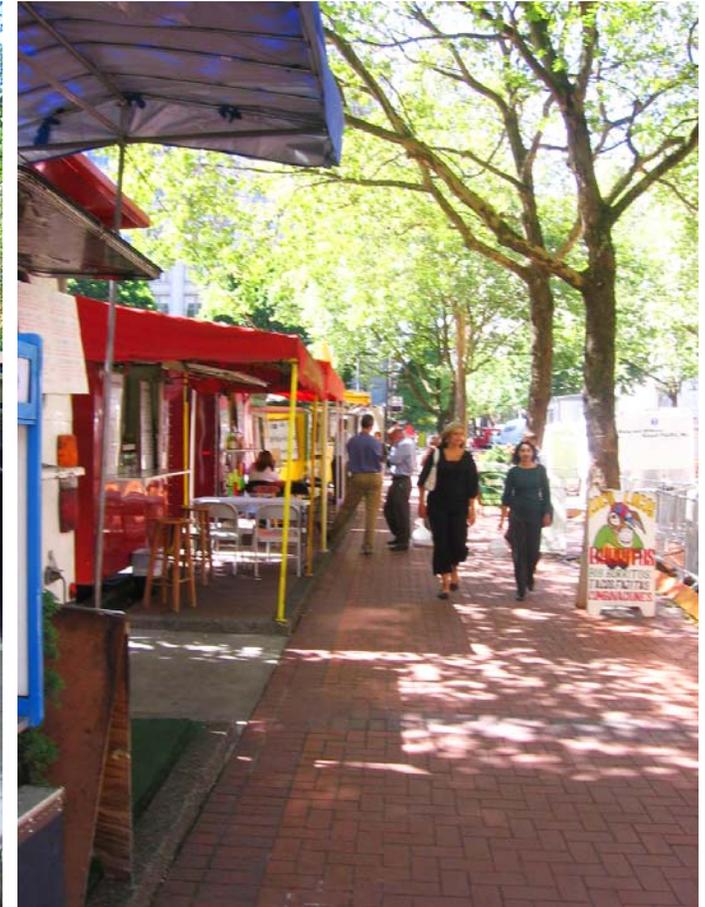


The Clear Walkway - Recommendations



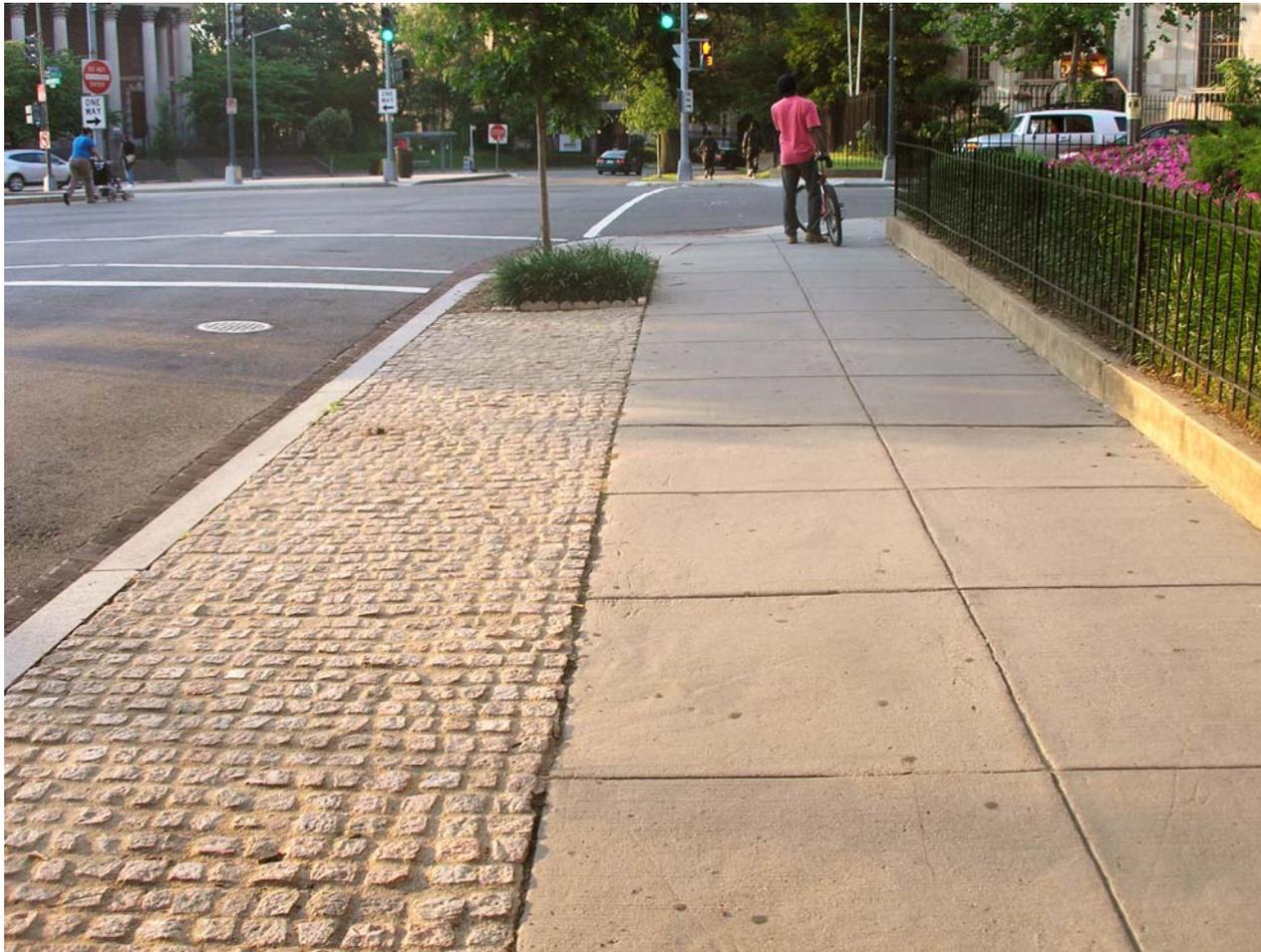
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Study of materials for paving –Bricks





Study of materials for paving –Cobblestone

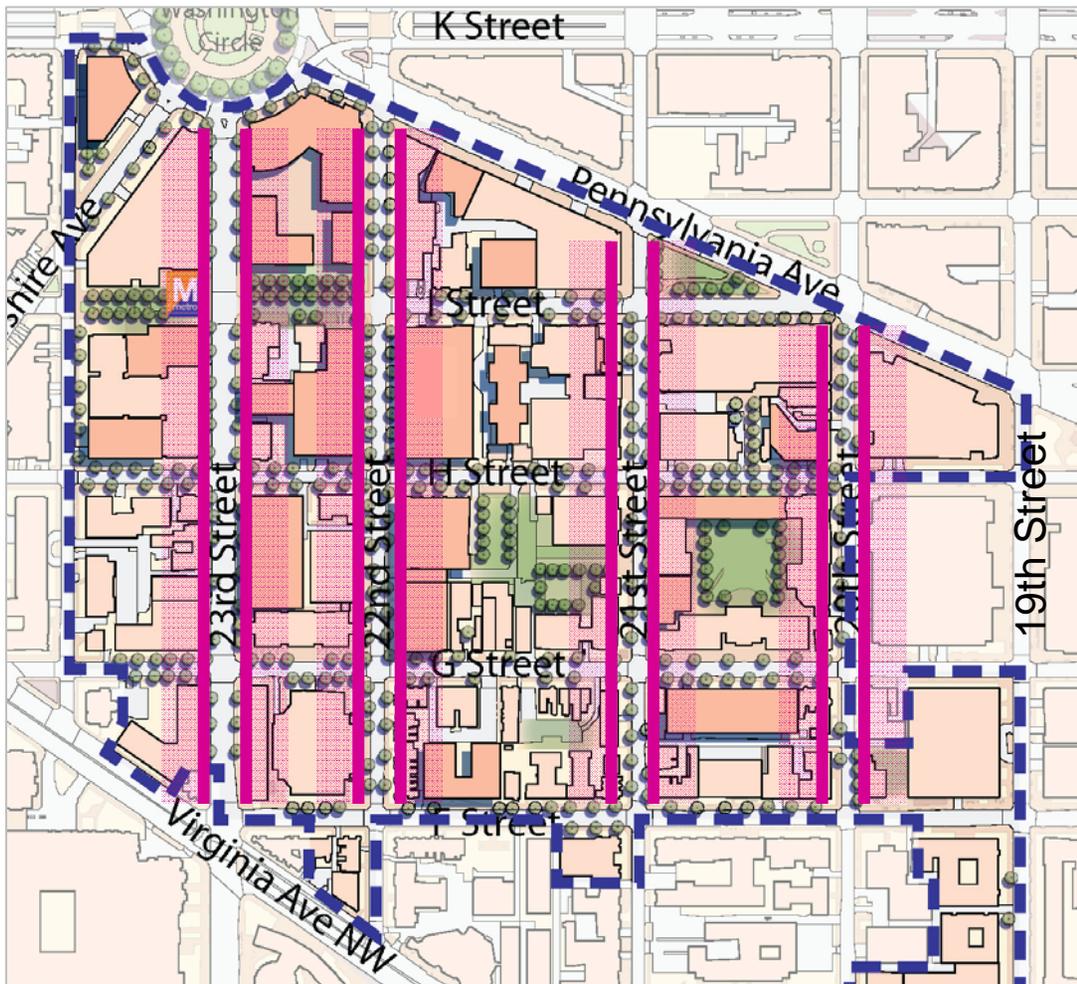


Recommendations



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- North-South Streets in Tinted Concrete (neutral/ buff) and Cobblestone



The Clear Walkway - Recommendations

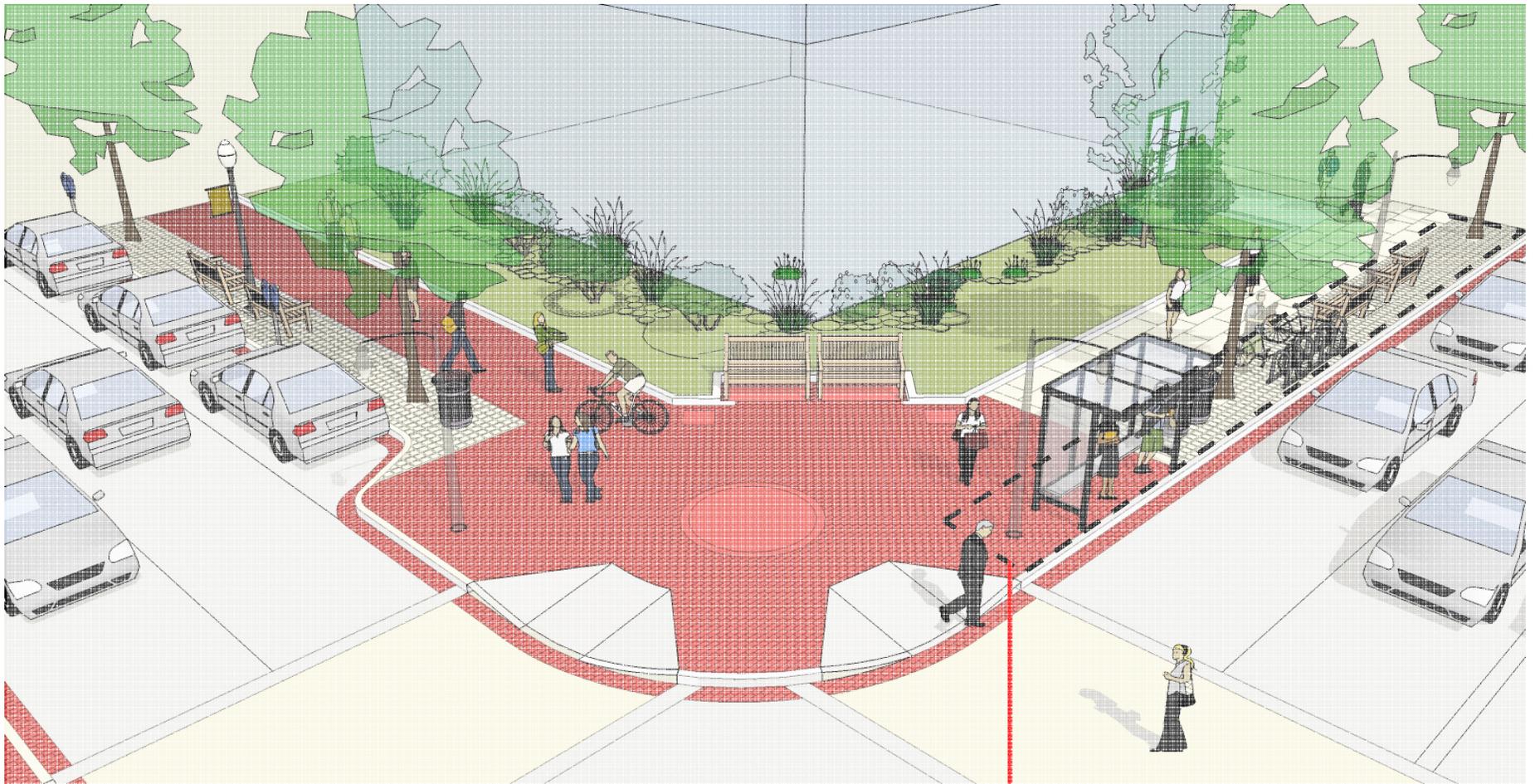


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Study of materials for paving –Concrete



Furnishing Zone



THE FURNISHING ZONE

Furniture

- Benches
- Trash Receptacles
- Recycling Bins
- Bike Racks (space permitting)
- Emergency Stations

Way-finding Elements

- Campus Maps
- Vertical Way finding Elements

Street Lighting

- Washington Globe (#14,#16)
- Twin-20
- Tear Drop Pendants

The Furnishing Zone – Community Comments



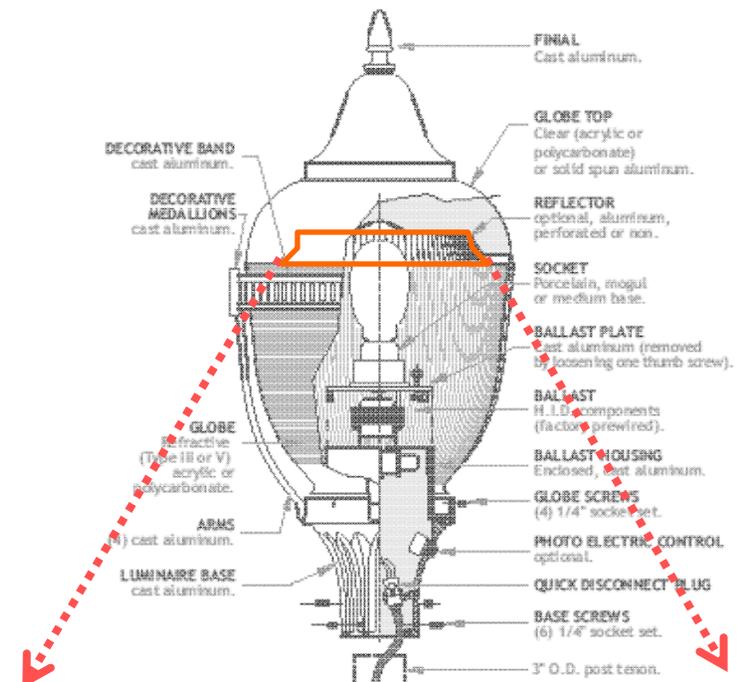
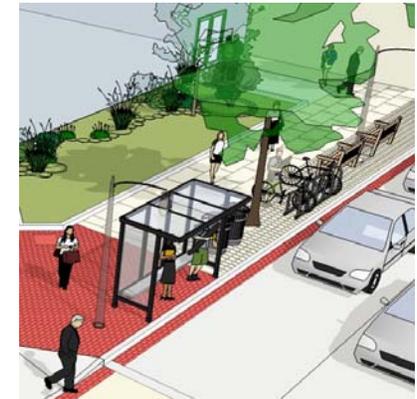
Street Lighting

Discourage the use of Cobra fixtures

Don't light the skies and adjoining homes

LED in the future for city street lighting (Pharox → dimmable lights)

Safety - lighting is one issue; other include "eyes on the street", sidewalk activities, activities throughout the day.



Recommendations



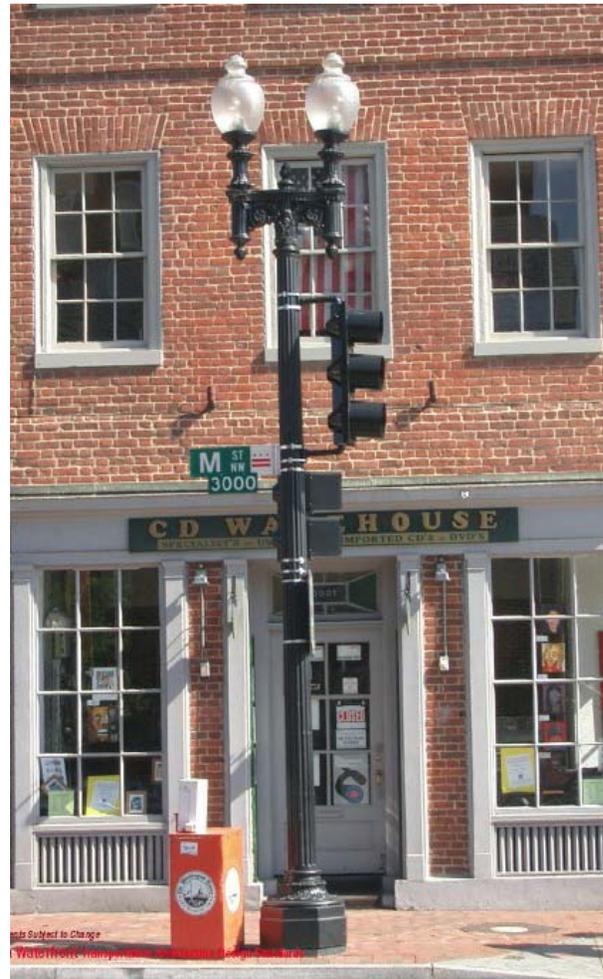
Street Lights per DDOT's Standard

Washington Globe



DDOT - District Department of Transportation - Infrastructure Project Management Admin

Twin 20



Subject to Change
Waterfront Transportation & Urban Development

Tear Drop



DDOT - District Department of Transportation - Infrastructure Project Management Admin

The Furnishing Zone – Community Comments



University Signage and Identity

Banners and other University identity elements should be maintained, and replaced if necessary

Avoid “over-branding” at perimeter of Campus

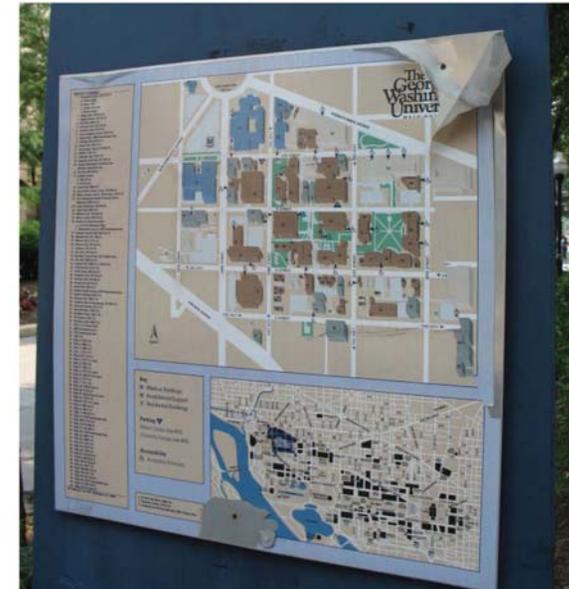
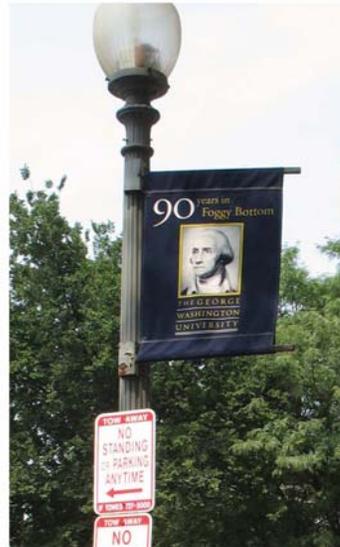


Recommendations



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University Signage and Identity



The Furnishing Zone

Amenities

Ensure optimal location of Amenities

Ensure there are adequate bike facilities on campus

Parked bikes should not impede pedestrian mobility within the clear walkway



Recommendations



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Furnishing Zone Amenities

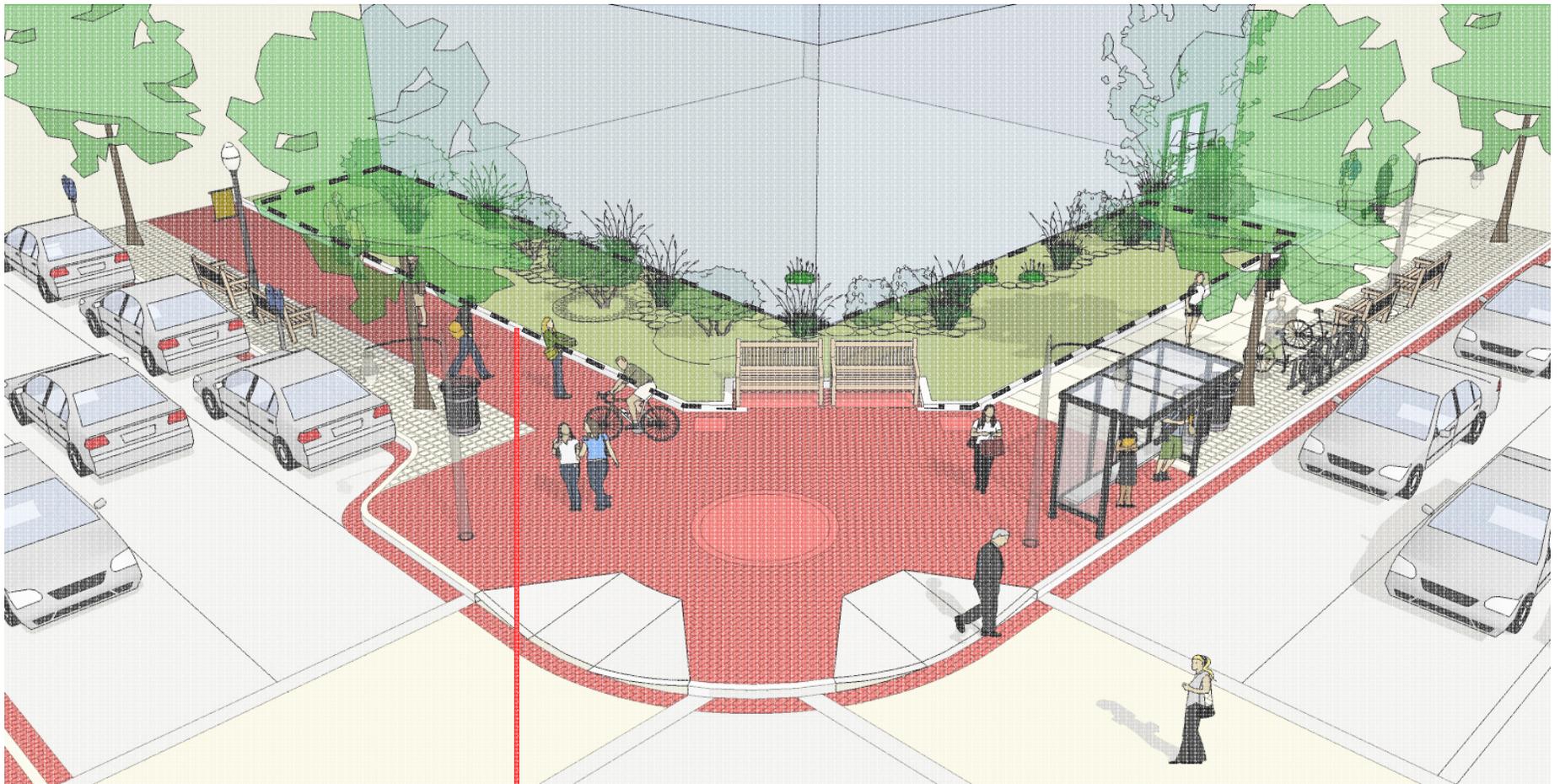
- Keep standard benches, recycling bins
- Increase number of bike racks on campus
- Locate trashcans out of clear walkway



Planting Zone/ Setback Zones



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THE PLANTING/ SETBACK ZONE

Sustainable Elements

Landscaping / "Pocket Parks"

Way Finding Elements

Public Art

Bike Racks

Benches

Other Landscape Elements

Campus Maps



Landscape/Planting

Maintenance is important –
Replace dead trees
Assist with regular maintenance
(water new trees)

Paving should not go right up against
buildings

Casey Trees → coordinate with them

Improve palette for landscaping

Consider use of sturdier tree-box fencing



Recommendations



Landscape (Trees and Planting)

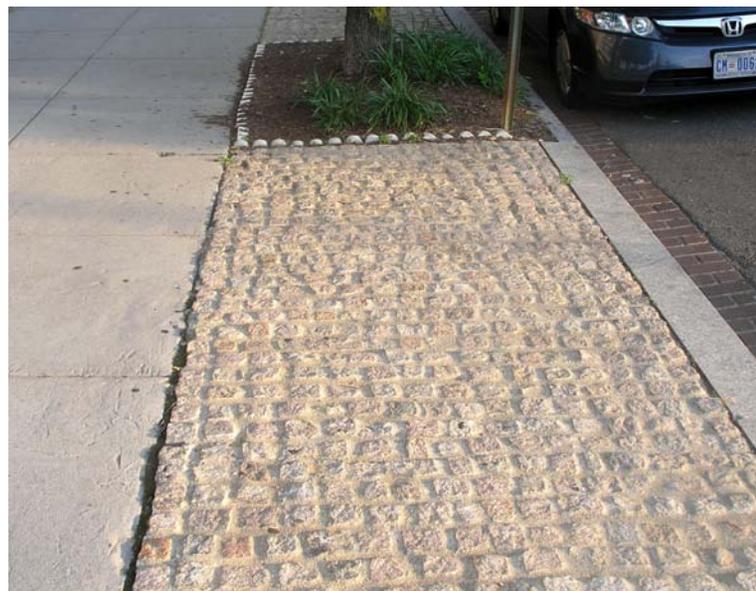
- Trees with smaller root ball – will not damage sidewalk paving
- Coordinate with Casey Trees for maintenance



Recommendations



Encourage use of LID in select/ appropriate locations

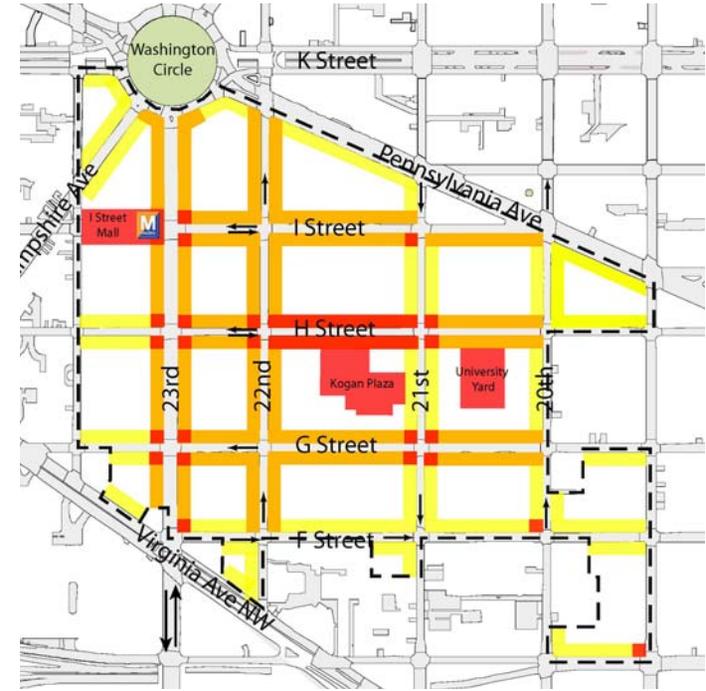


Premium Elements



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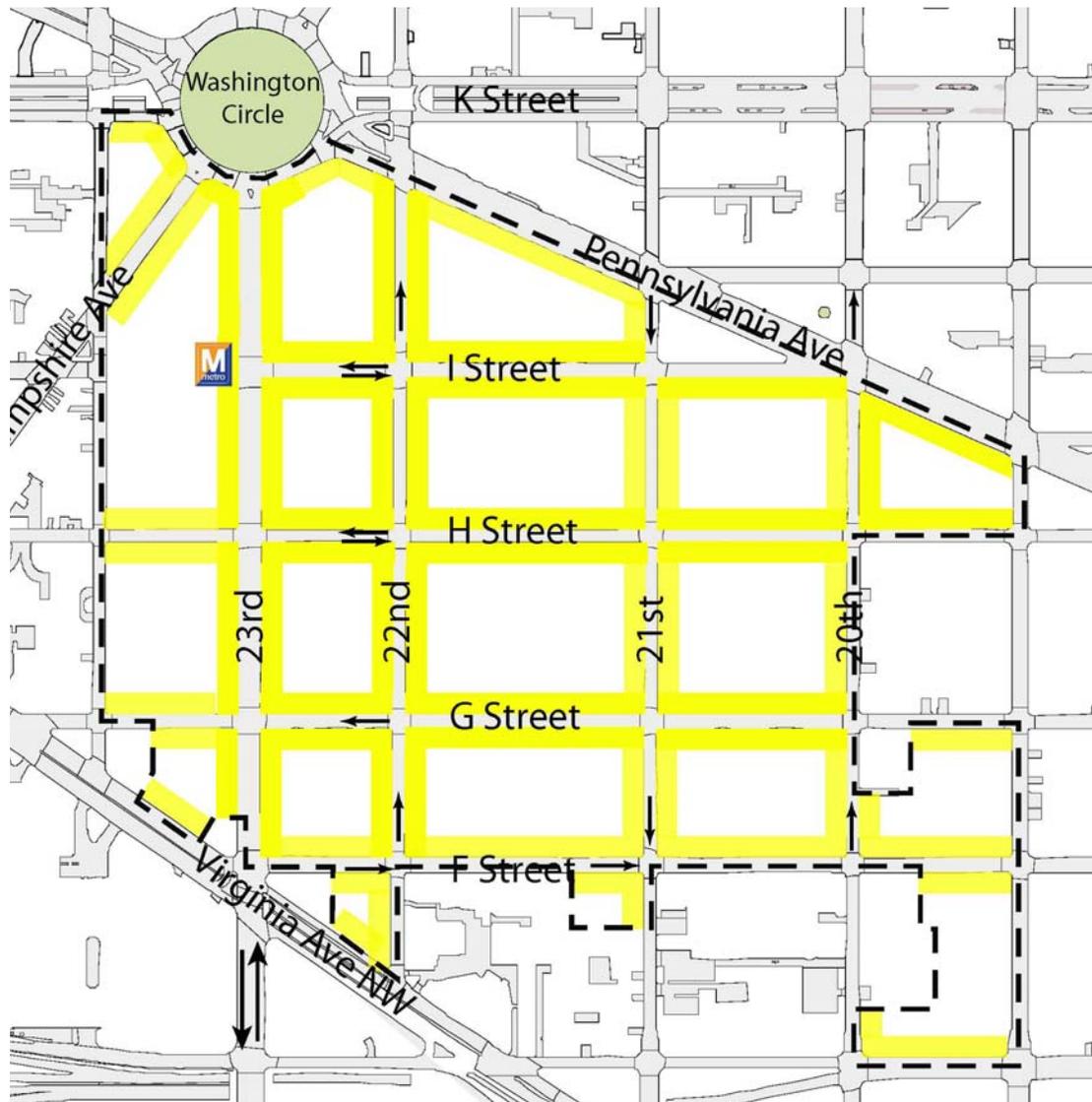
Encourage the use of Custom designed, Premium Elements at select locations



Streetscape Concept Plan: Recommended Base Elements



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Building Identifiers

Building Flags : GW Standard

Placards : GW Standard

Awnings : GW Standard

Building Engravings : GW Standard

Street Furniture

Benches : GW Standard / DC Standard

Trash Receptacles: GW Standard

Recycling Bins: GW Standard

Bike Racks: GW Standard, parallel to walkway

Emergency Stations

Way-finding Elements

Campus Maps : GW Standard

Vertical Way finding Elements : GW/DC Standard

Sidewalk

N-S City Street: Tinted Concrete, Cobblestone

E-W University Street: Brick, Cobblestone

Brick Gutter

Granite Curb

Street Lighting

City Street: Washington Globe (#16), Twin-20

University Street: Washington Globe (#16)

Intersection: Tear Drop Pendants

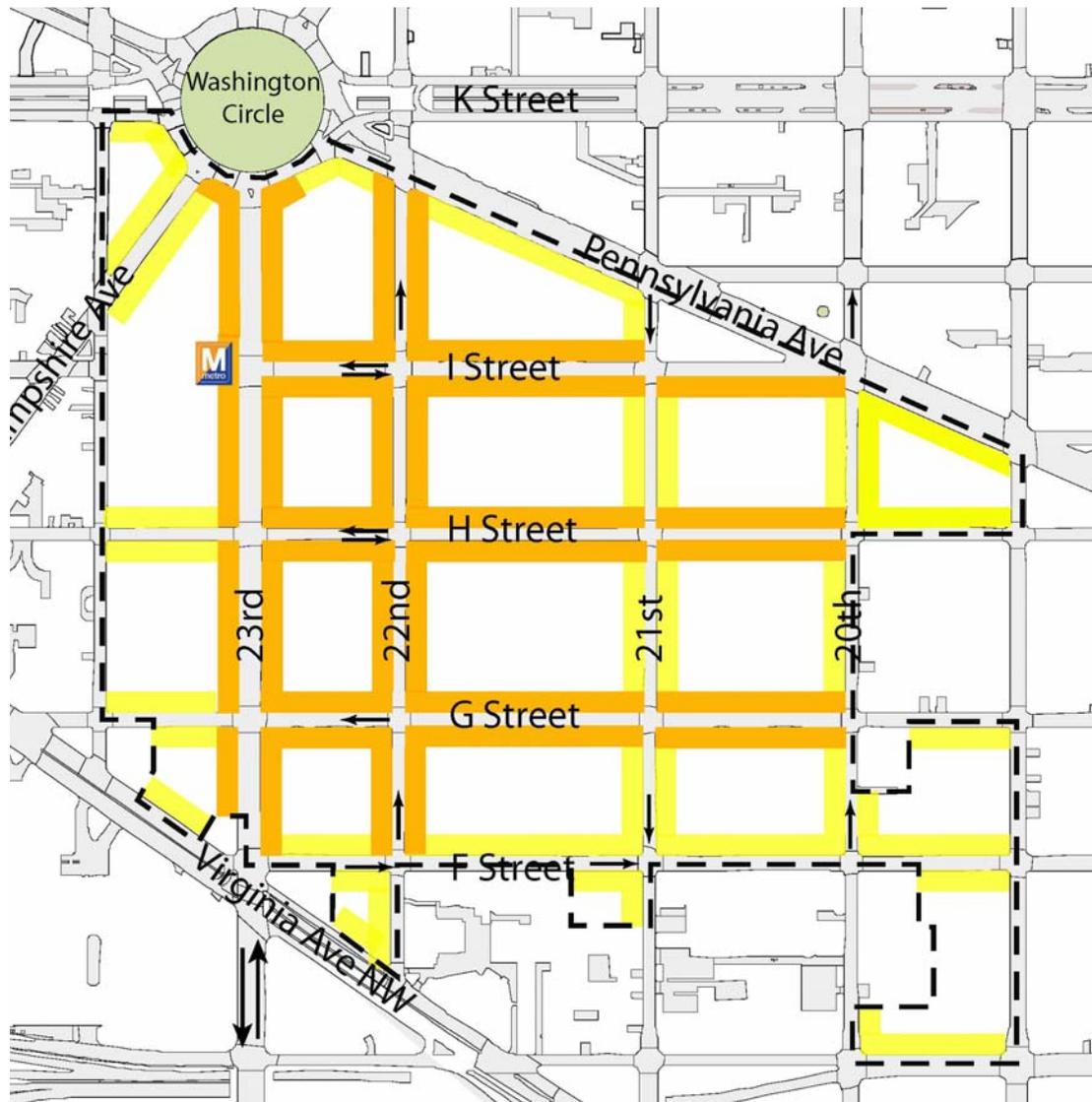
Maintain Existing Planting

Tree Fence: DC Standard

Streetscape Concept Plan: Recommended Enhanced Elements



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Sidewalk

Bump outs on H street only
Paving Materials per Base Elements

Planting

Street Trees: Coordination with Casey Trees, Tree box fence for understory planting in tree box

LID Tree Pits along furnishing zones (in certain locations)

Streetlight Banners

GWU Standard

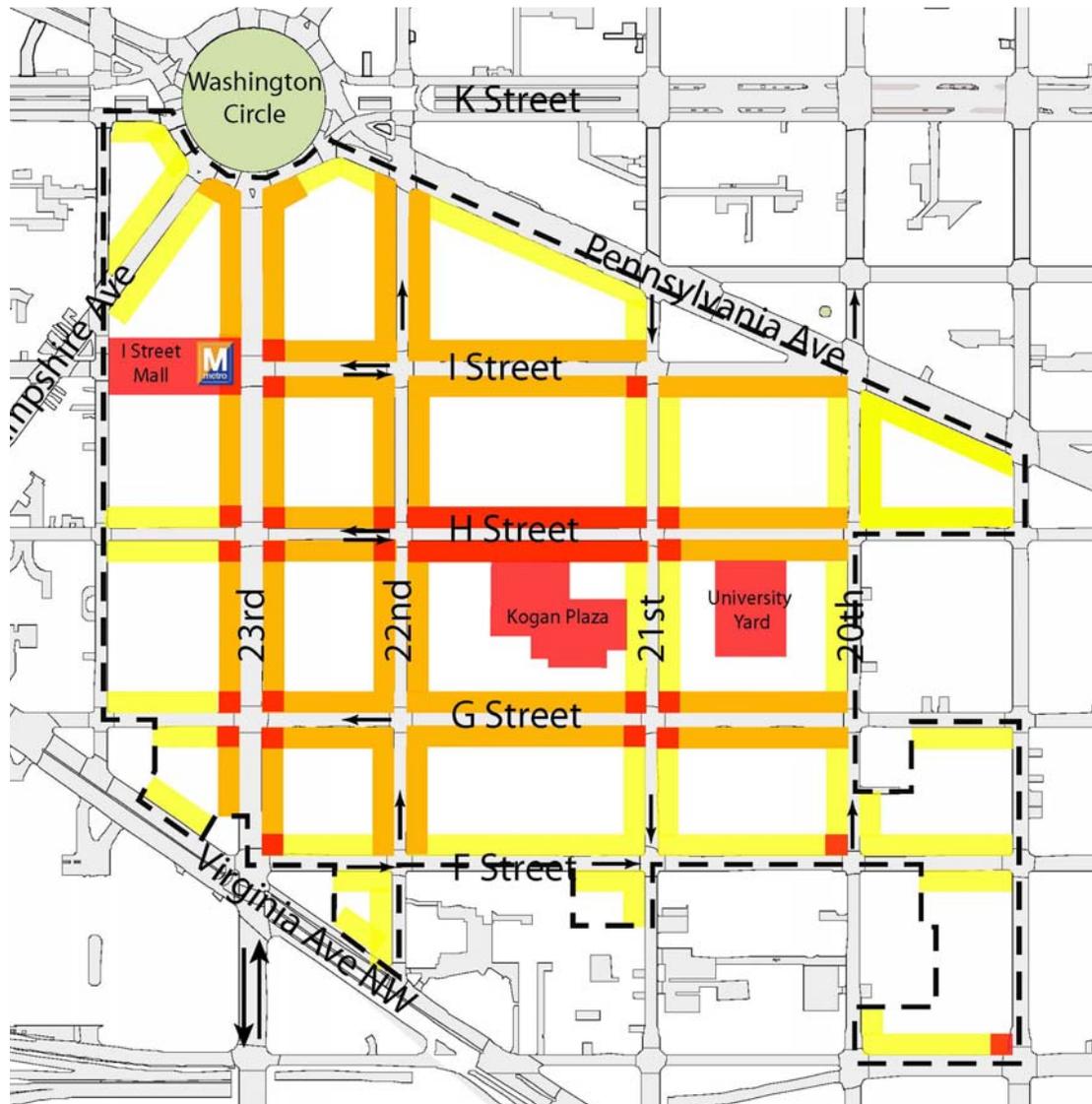
Enhanced Intersections

Stamped Concrete (in certain locations)

Streetscape Concept Plan: Recommended Premium Elements



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Custom Design Elements

- GWU Busts
- Integrated Public Art
- Artifacts
- Plaques
- Clocks
- Chess Tables
- Notice Boards
- Sidewalk Art
- Paving Medallions

Planting

- LID Elements integrated within major Open Spaces (as appropriate)

NEXT STEPS



1. Engage with DDOT on preferred elements based on input at this meeting
2. Re-engage with community on DDOT responses/input/recommendations
3. Prepare Draft plan