



## The George Washington University | Streetscape Concept Plan



May 6<sup>th</sup> 2009 | Public Presentation for Discussion

EHRENKRANTZ ECKSTUT & KUHN ARCHITECTS

- 1. Introduction & Overview**
- 2. Background & Context**
- 3. Overview of Streetscape Zones and Elements**
- 4. Existing Conditions Case Studies**
- 5. Design Goals, Principles**
- 6. Discussion of Streetscape Concepts**
- 7. Next Steps**



## Where We've Been:

- 2005-2006 Community Based Planning Process Meeting
- August 2006 Streetscape Community Meeting
- 2006-2007 Campus Plan Hearing

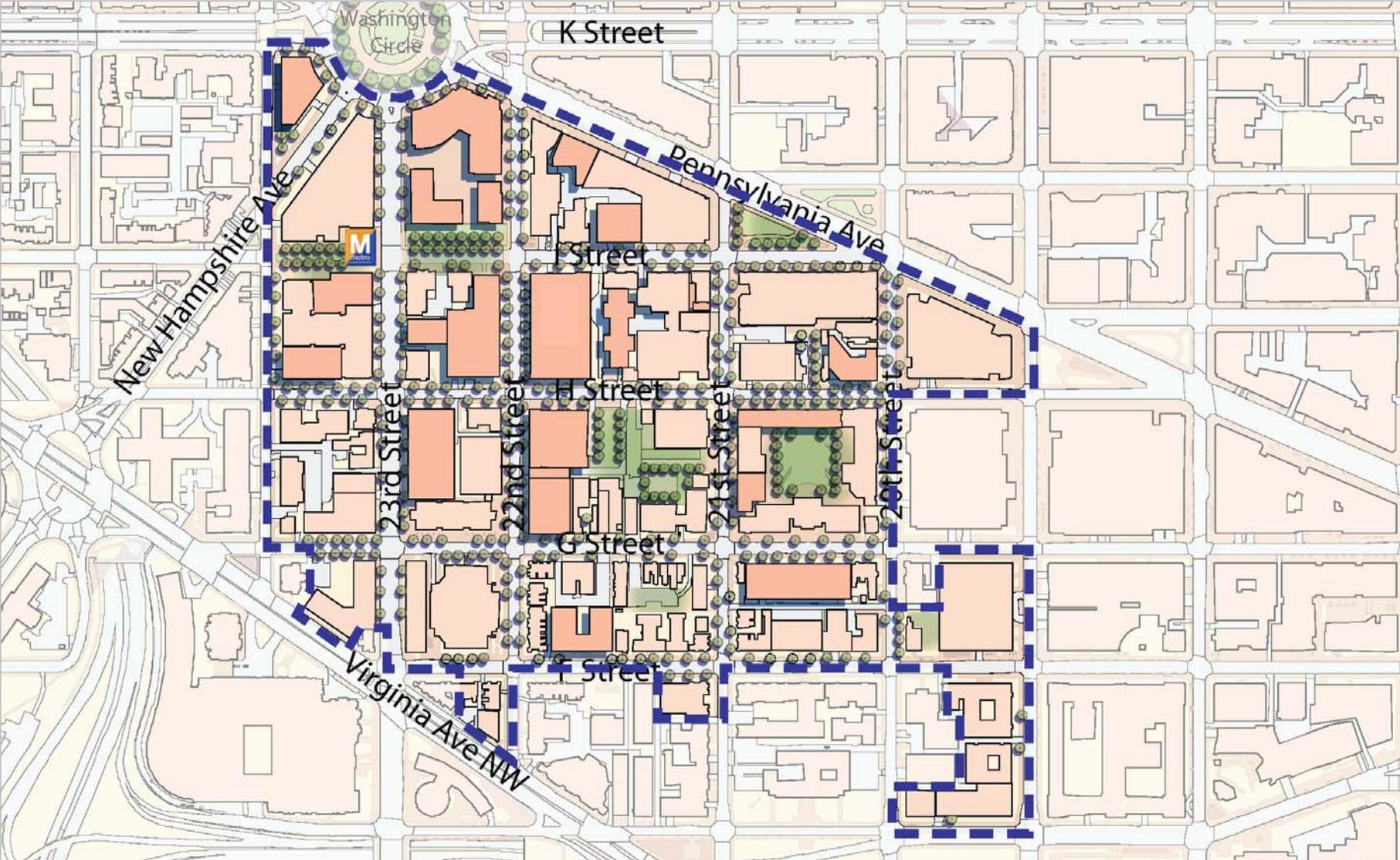
## 2007 - Foggy Bottom Campus Plan Approved

- Streetscape Plan is part of the Campus Plan
- Concept is based on Base/Enhanced/Premium layers, focusing university identity in areas of campus where university activity is most intense.
- Streetscape enhancements to be implemented over 20 years of the plan

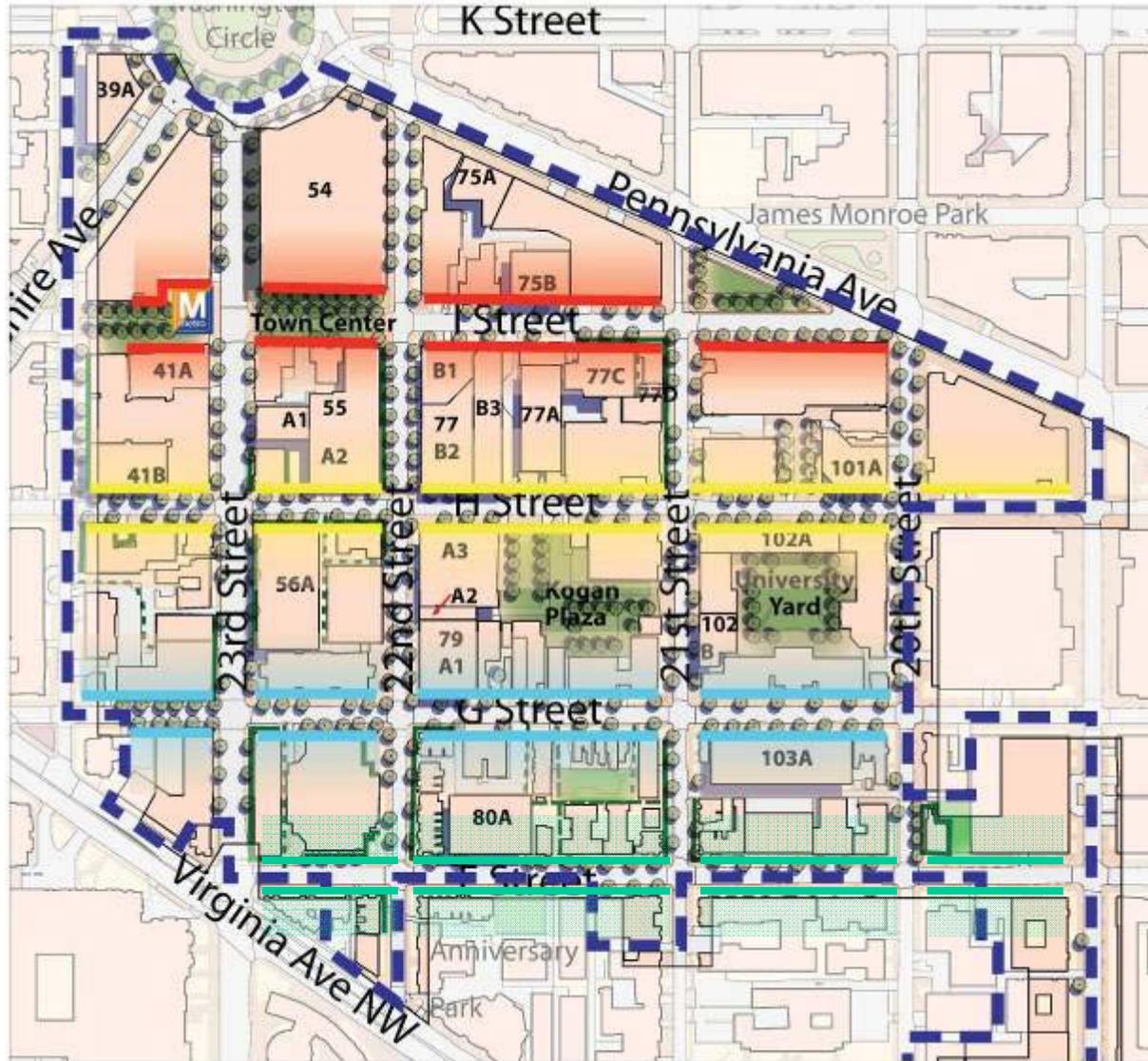
## Why are we here today?

- Update on work since last meeting
- Share new concepts, including paving and sustainable design
- Hear community's concerns/comments on these concepts, to help shape plan

# Campus Illustrative Master Plan



# Street Types: Primary and Transitional Campus Streets



VIEW OF I STREET

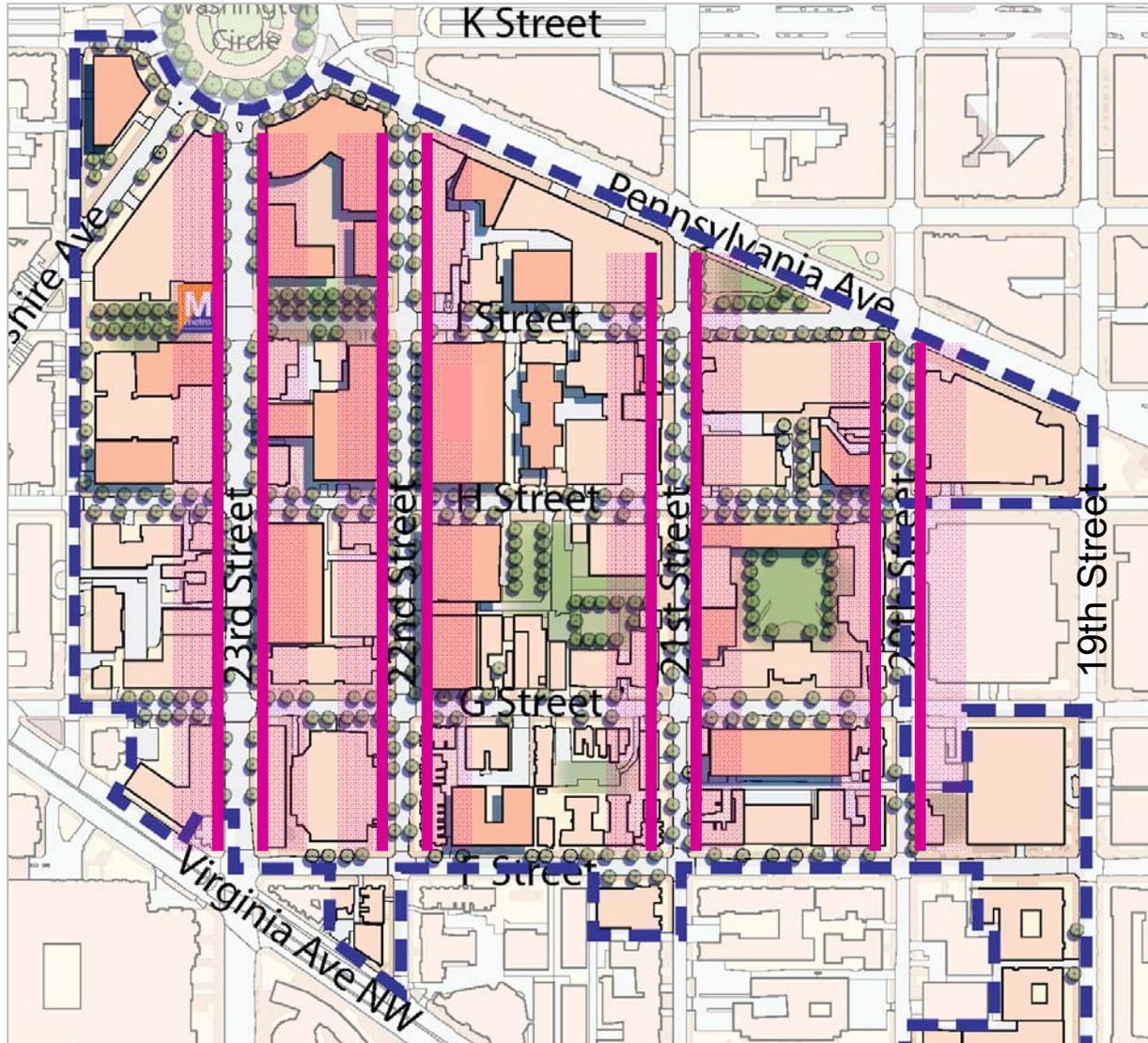


VIEW OF H STREET

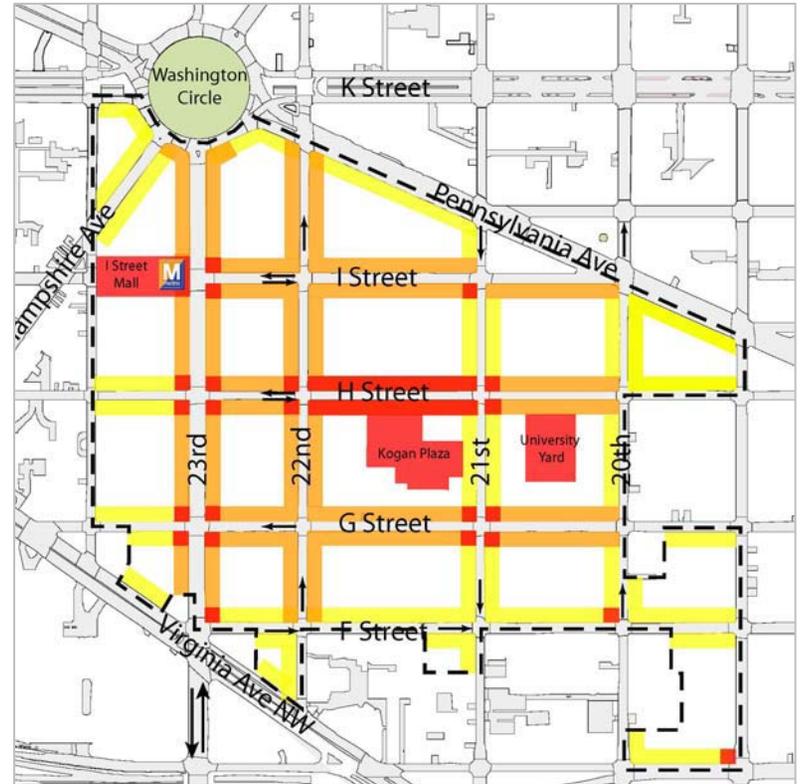
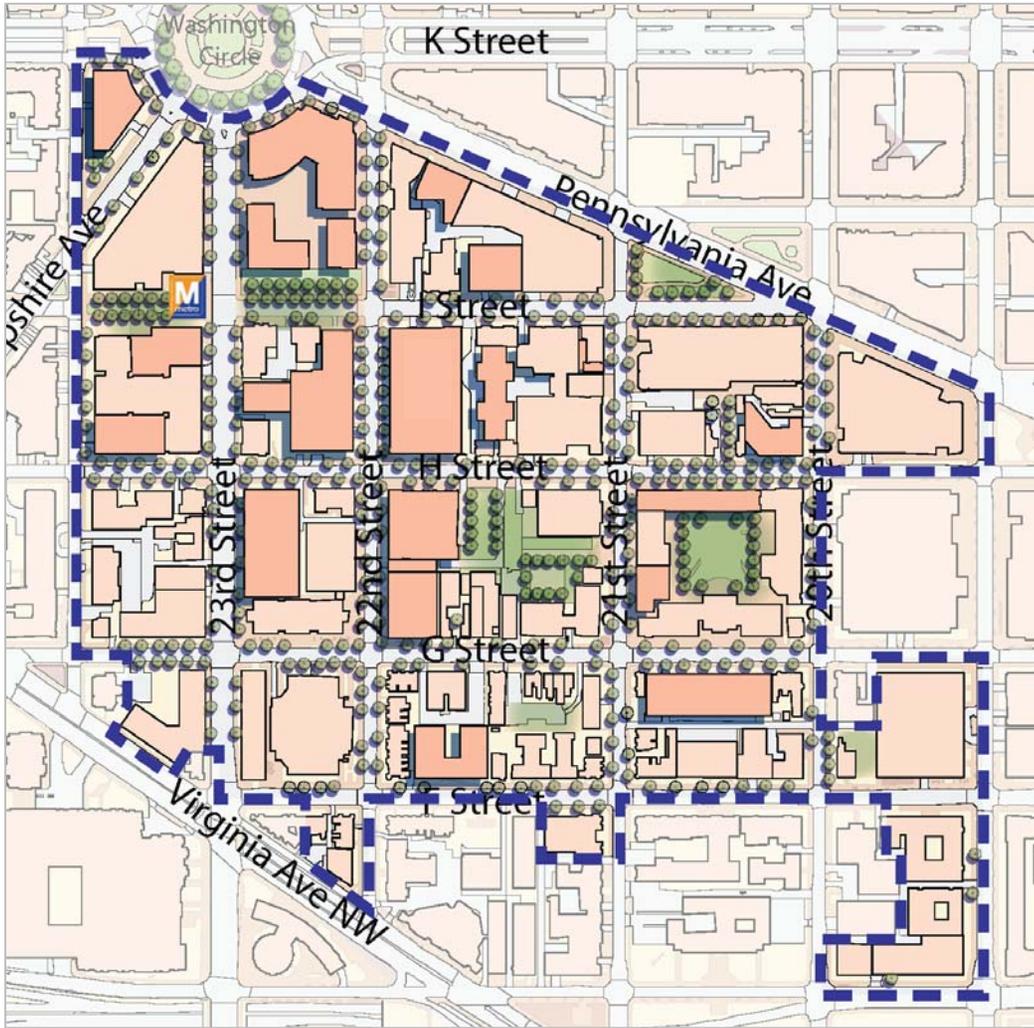


VIEW OF G STREET

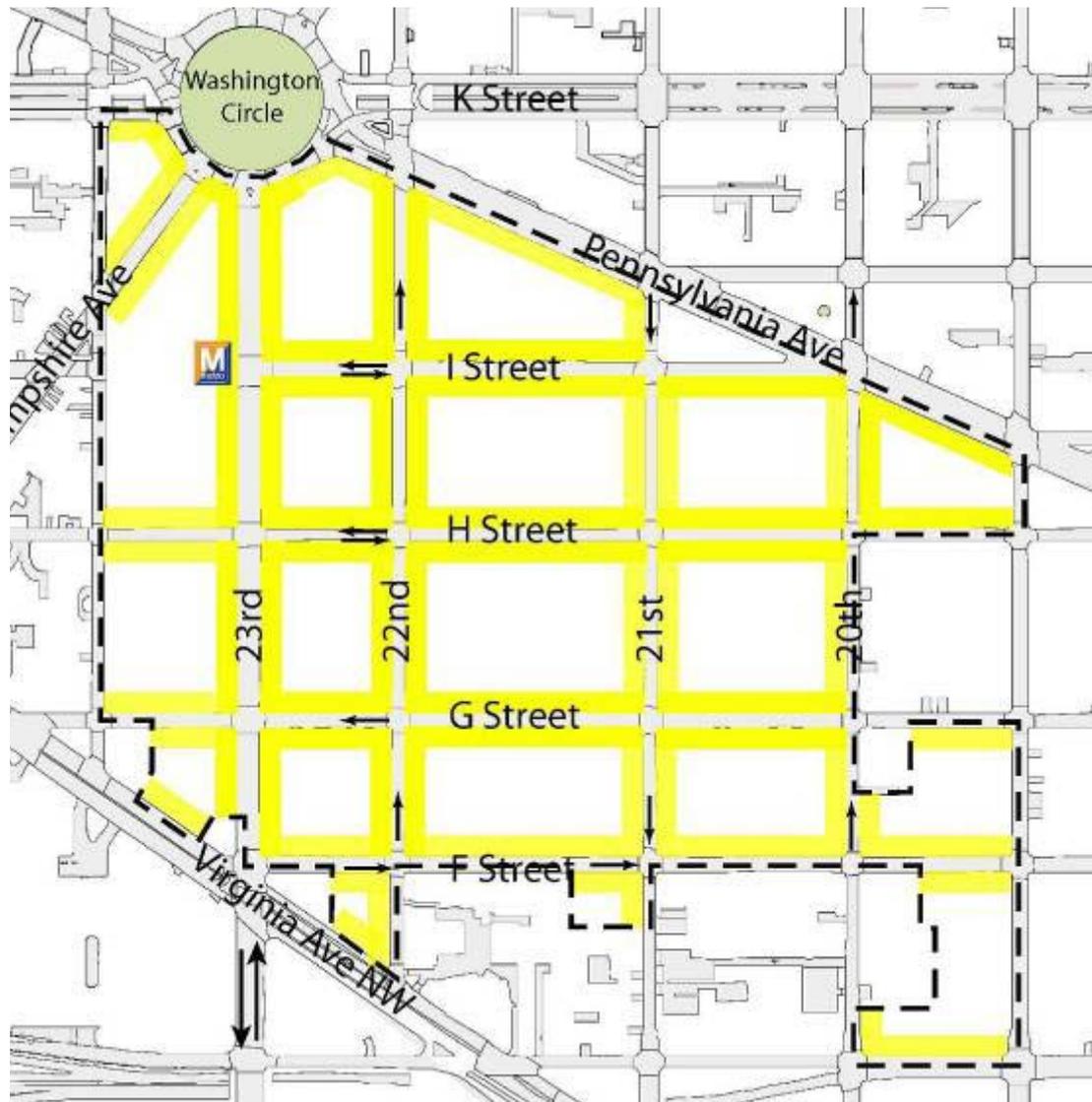
# Street Types: North-South Streets



# Streetscape Concept Plan



# Streetscape Concept Plan: Base Elements



## Building Identifiers

- Building Flags
- Placards
- Awnings
- Building Engravings

## Street Furniture

- Benches
- Trash Receptacles
- Recycling Bins
- Bike Racks
- Emergency Stations

## Way-finding Elements

- Campus Maps
- Vertical Way finding Elements

## Paving

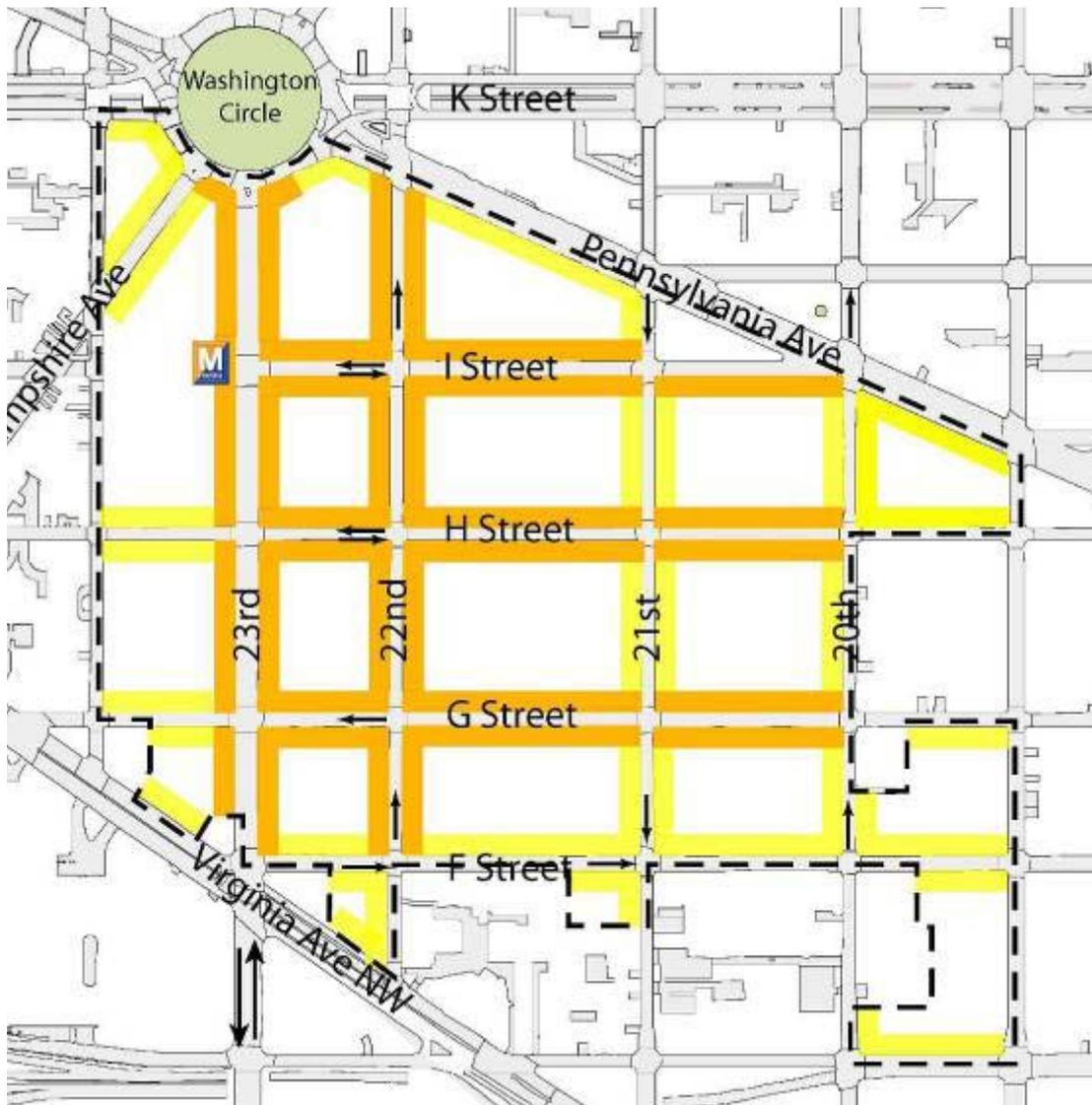
- Scored Concrete, Cobblestone

## Street Lighting

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

## Maintain Existing Planting

# Streetscape Concept Plan: Enhanced Elements



## Paving

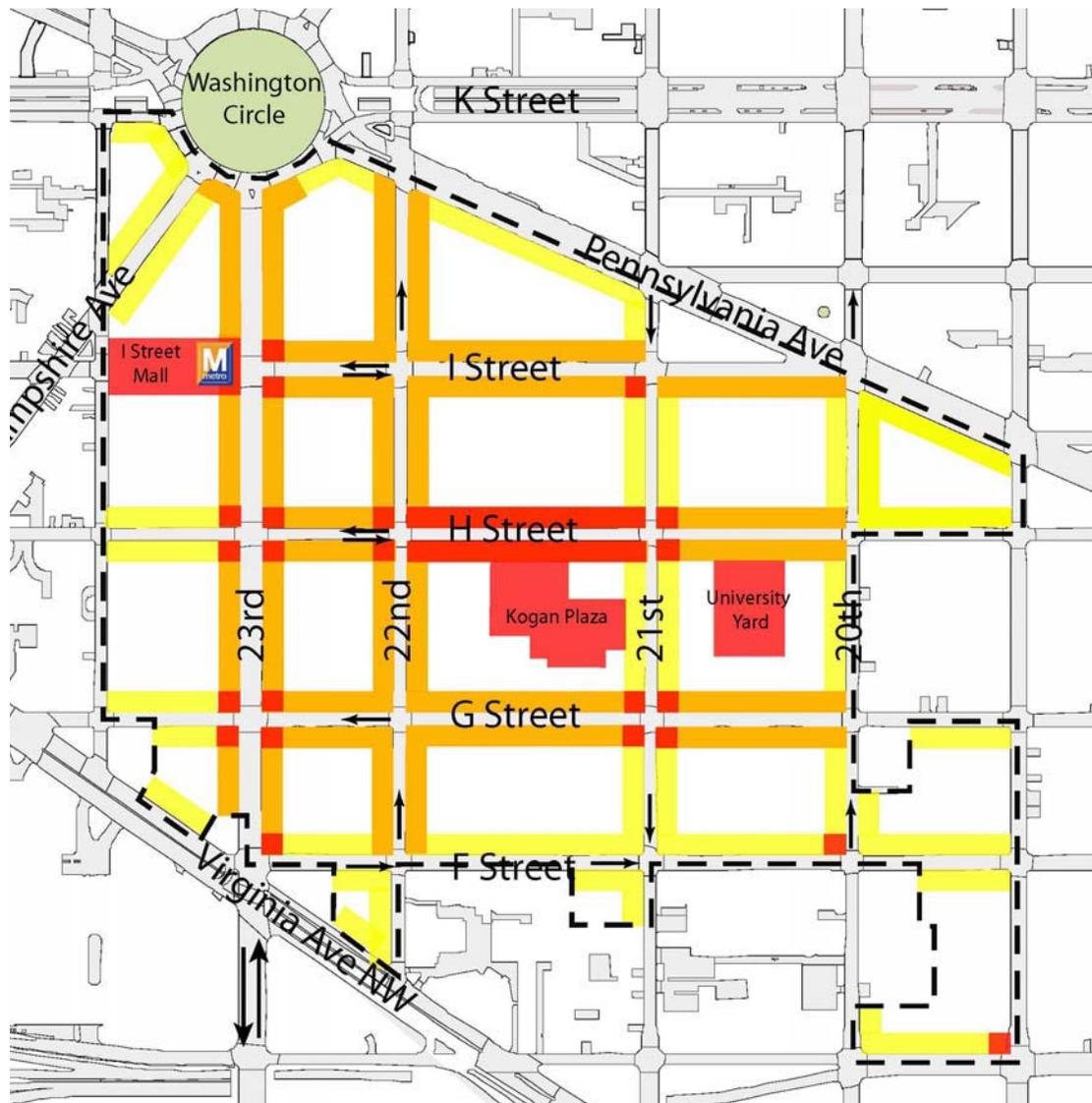
- Red Brick
- London Pavers
- Granite Cobbles
- Scored Concrete
- Brick Gutter
- Granite Curb

## Planting

- Street Trees
- LID Tree Pits along furnishing zones

## Streetlight Banners

# Streetscape Concept Plan: Premium Elements



## Distinctive Design Elements

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

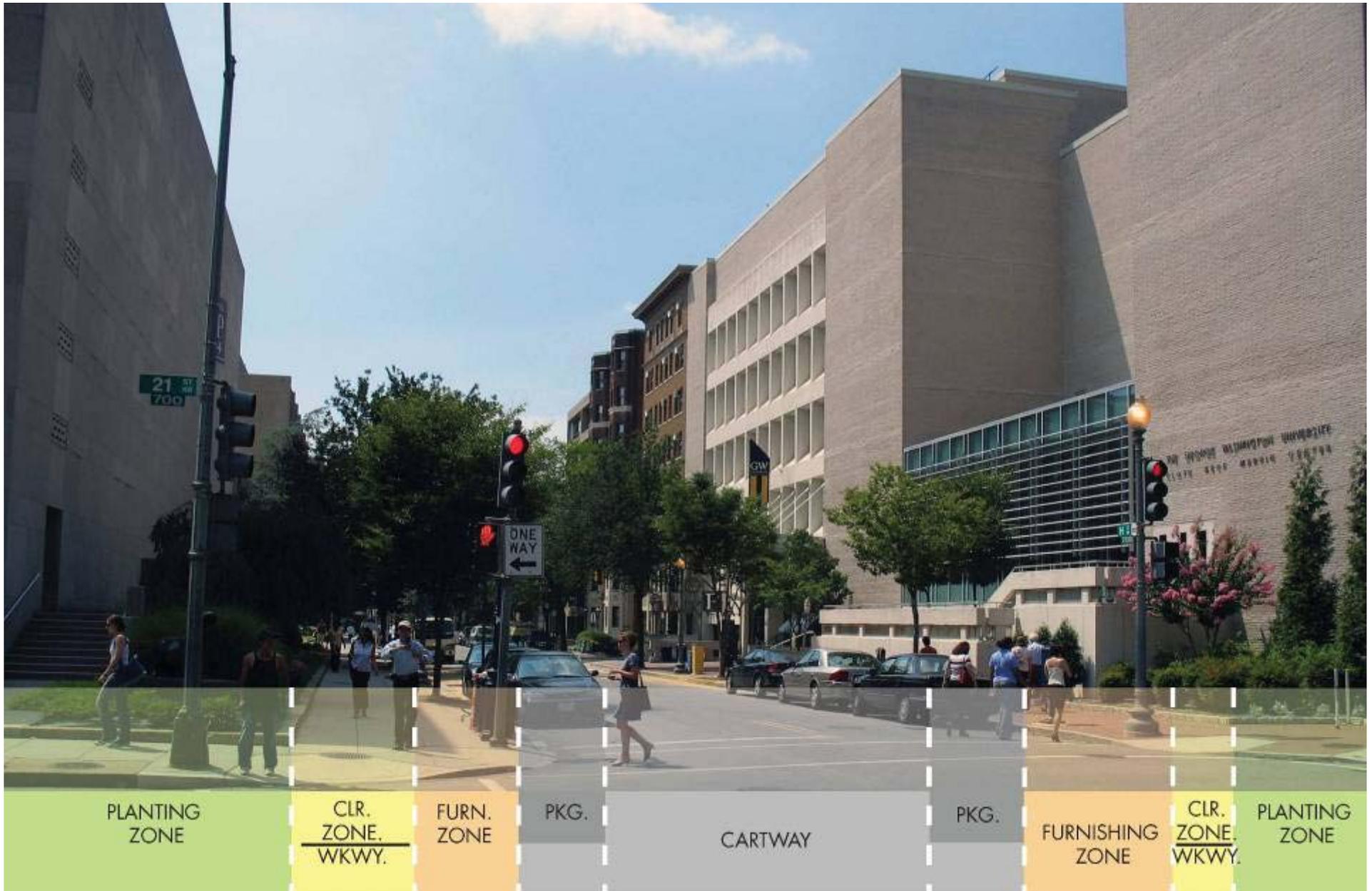
## Planting

- LID Elements integrated within major Open Spaces

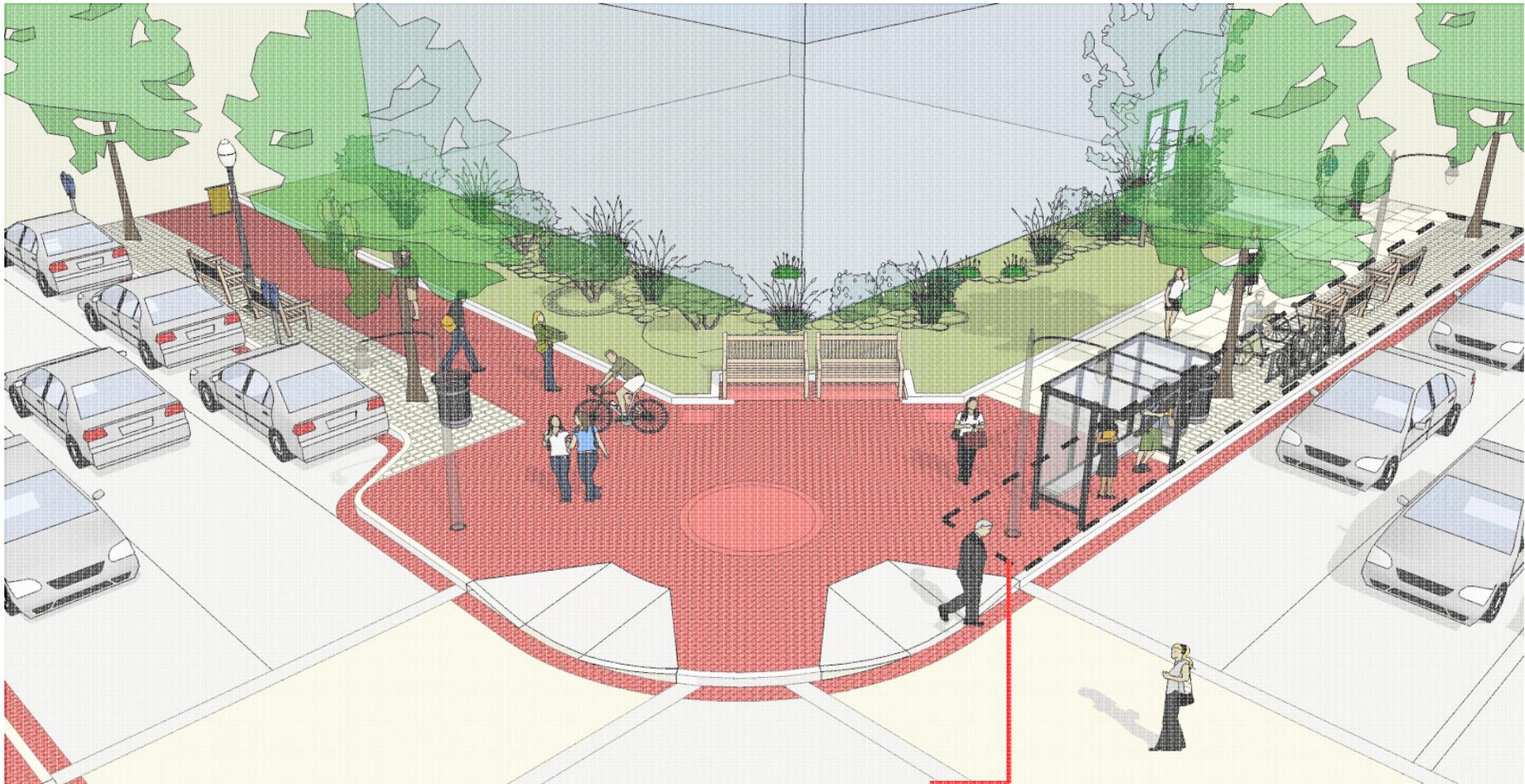
# Important Streetscape Zones



GEORGE  
WASHINGTON  
UNIVERSITY  
WASHINGTON D.C.



# Important Streetscape Zones



## THE FURNISHING ZONE

### Furniture

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

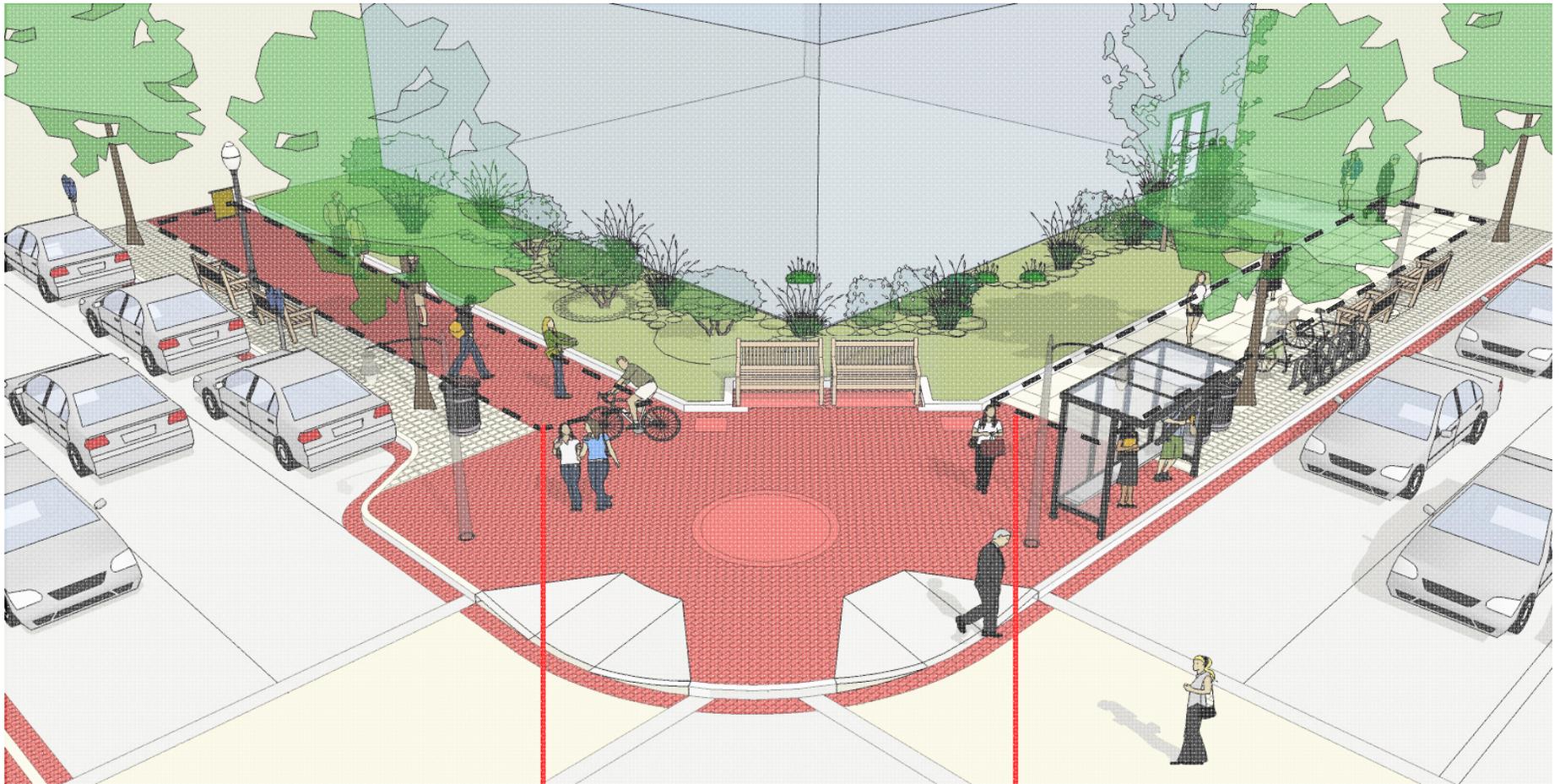
### Way-finding Elements

- Campus Maps
- Vertical Way finding Elements

### Street Lighting

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

# Important Streetscape Zones



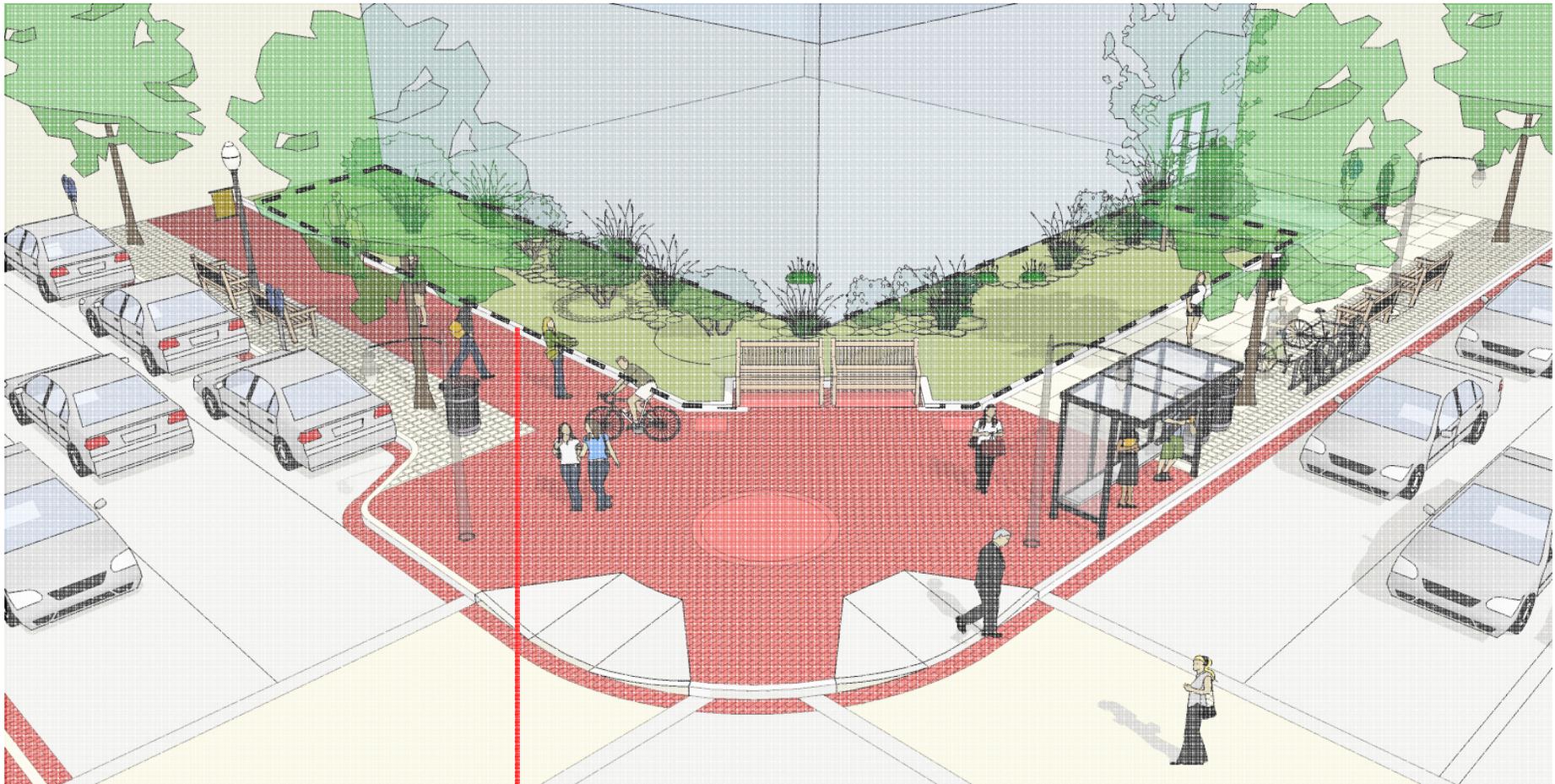
## THE CLEAR WALKWAY

Standard 5' clear width

Paved with a consistent material

No vertical elements should be located here

# Important Streetscape Zones



## THE PLANTING/ SETBACK ZONE

Sustainable Elements

Landscaping / "Pocket Parks"

Way Finding Elements

Public Art

Bike Racks

Benches

Other Landscape Elements

Campus Maps

# Existing University Streets Case Study: "H" Street



## H Street



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## H Street



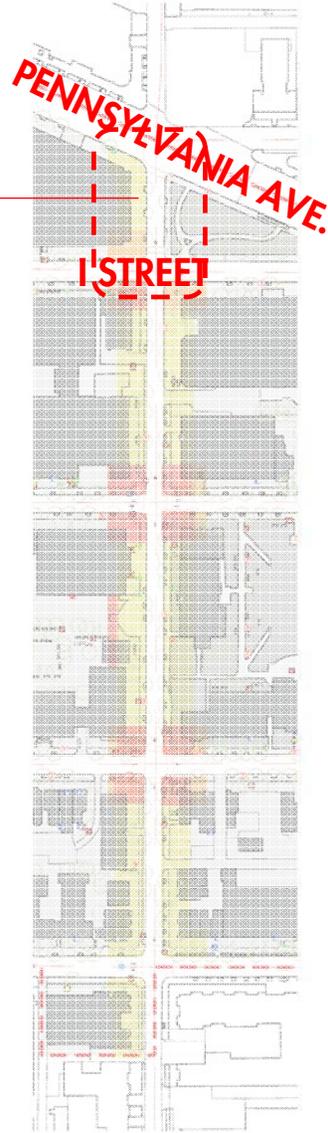
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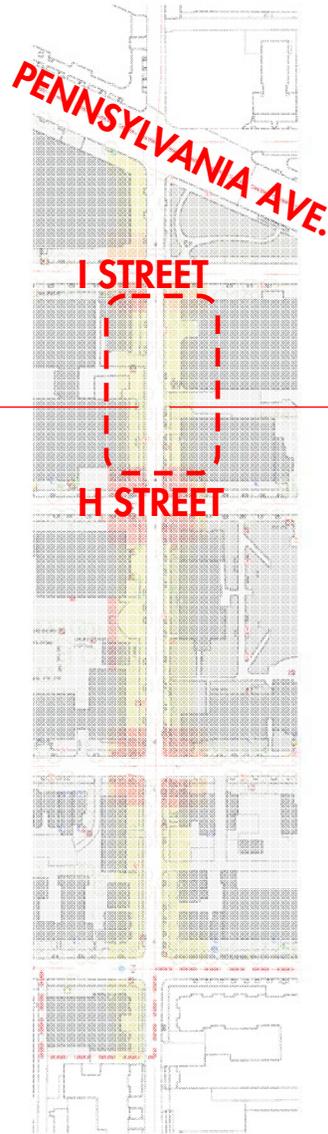
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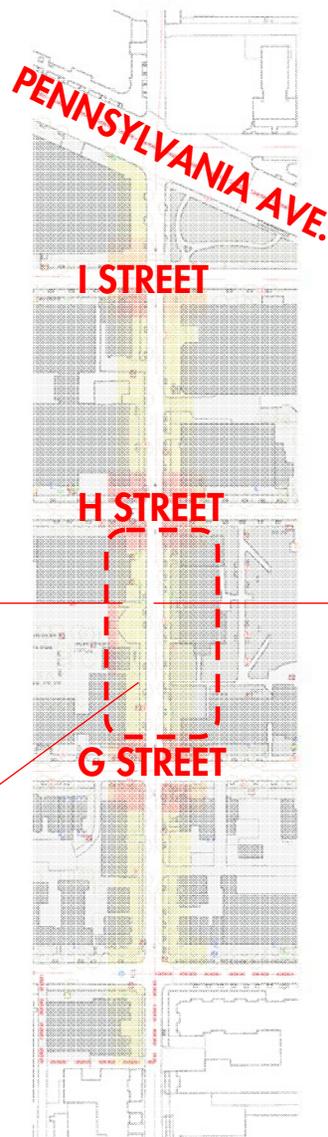
# Existing City Streets Case Study: "21st" Street



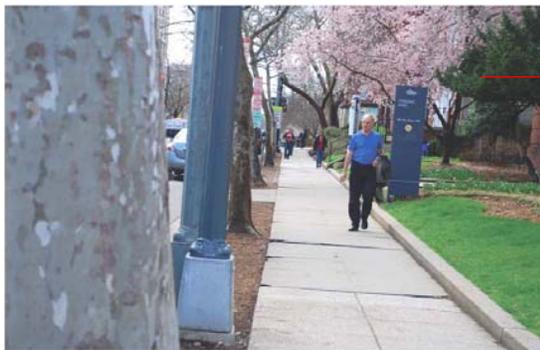
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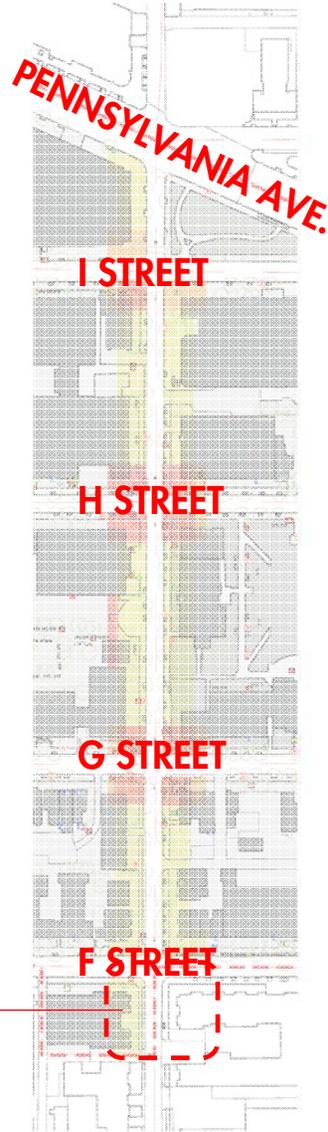
# Existing City Streets Case Study: "21st" Street



# Existing City Streets Case Study: "21st" Street



# Existing City Streets Case Study: "21st" Street





- **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;

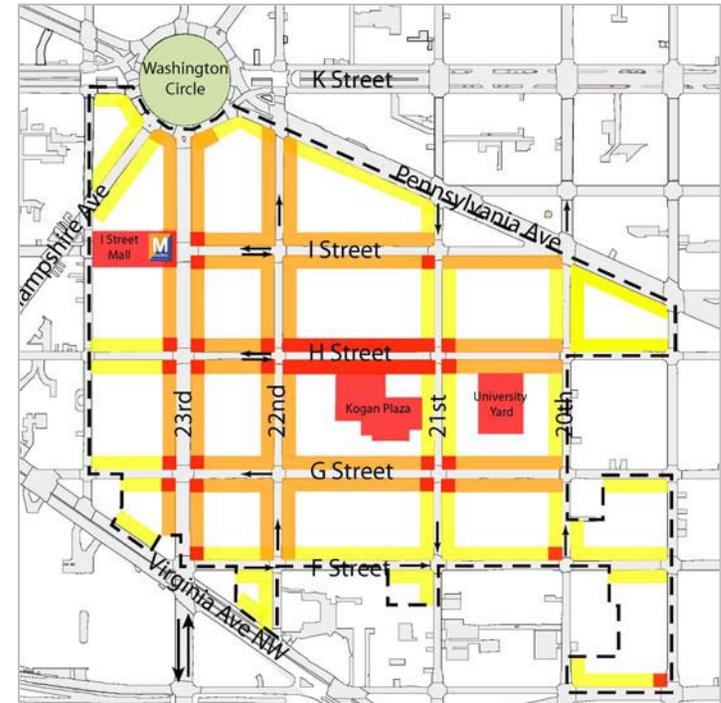
- **Enhance the special nature of streets within the campus boundary:** utilize streetscape elements particularly to enhance the pedestrian character of the east/west "campus streets" and

- **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.

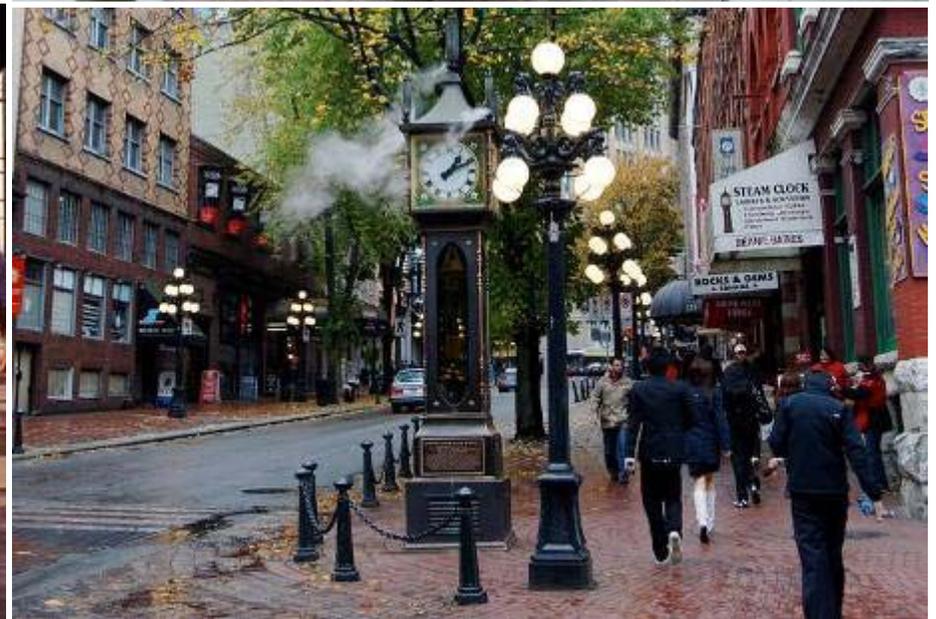
# Design Principles



- 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.



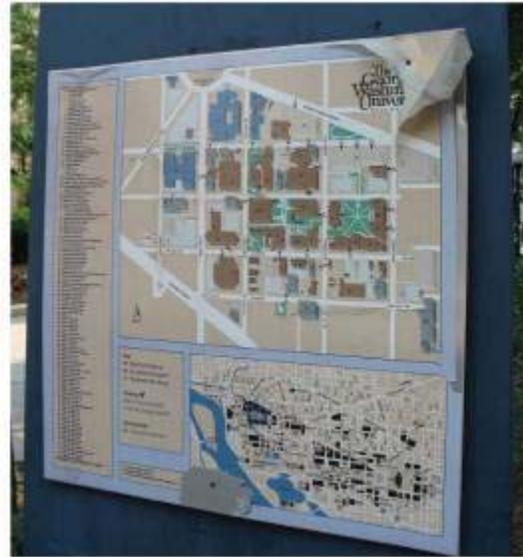
# Precedents



# Streetscape Concept Plan: Existing Building Identifiers



# Streetscape Concept Plan: Existing Way-Finding Elements



# Streetscape Concept Plan: Existing Street Furniture



# Streetscape Concept Plan: Existing Street Paving



# Streetscape Concept Plan: Proposed Sidewalk Paving Concepts



# Streetscape Concept Plan: Existing Street Lighting



# Proposed Adheres to DDOT's Proposed Street Lighting Plan



Washington Globe



Photo: Department of Transportation - Metropolitan Project Management

Twin 20

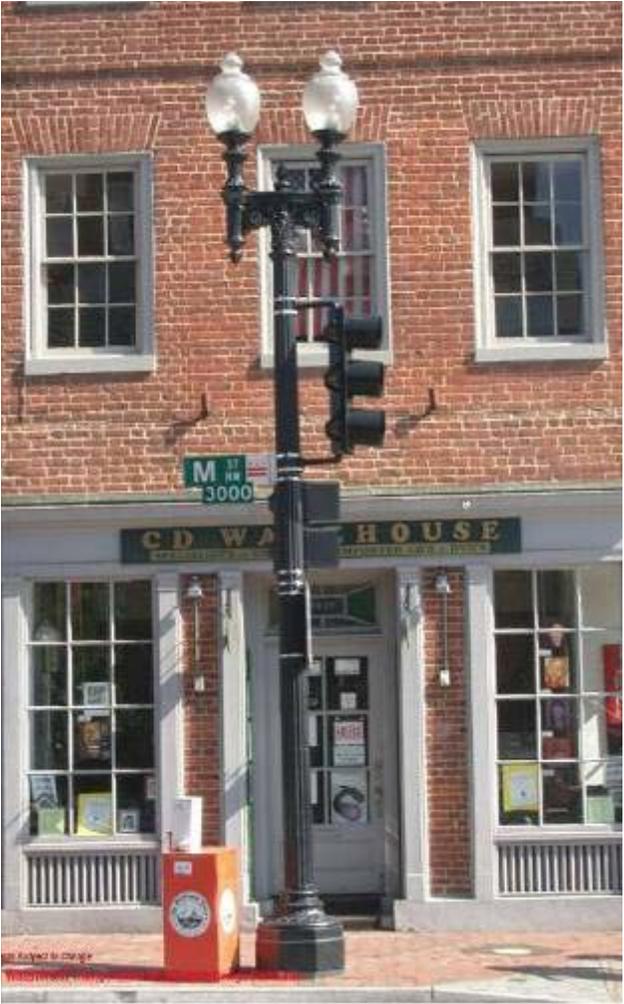


Photo: Subject to change with final plan

Tear Drop



Photo: Department of Transportation - Metropolitan Project Management

# Streetscape Concept Plan: Existing Planting



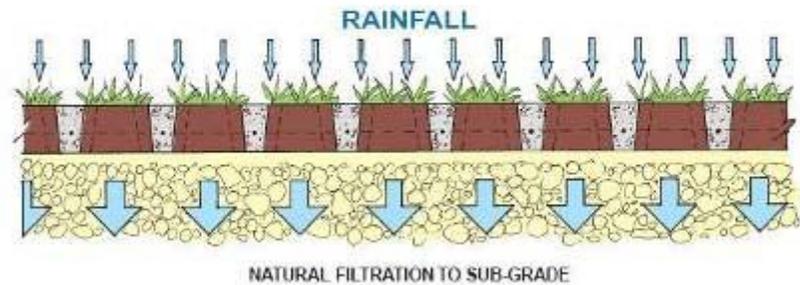
# Sustainable Streetscape Concepts



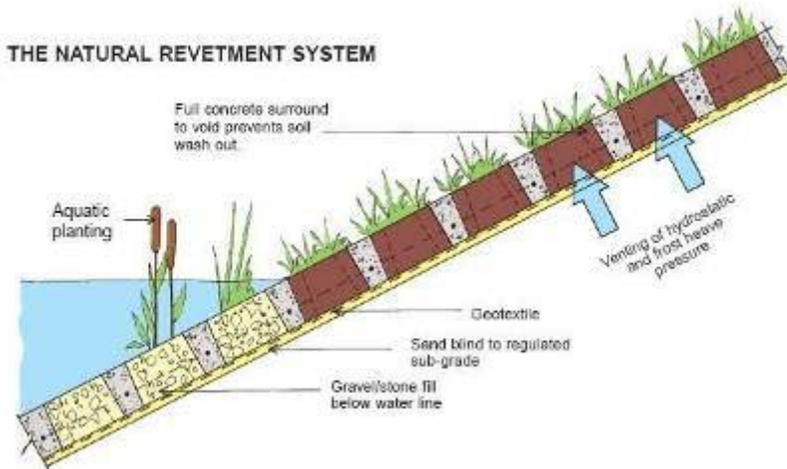
Low Impact Development (LID):  
Permeable Paving

## Grasscrete Permeable Paving

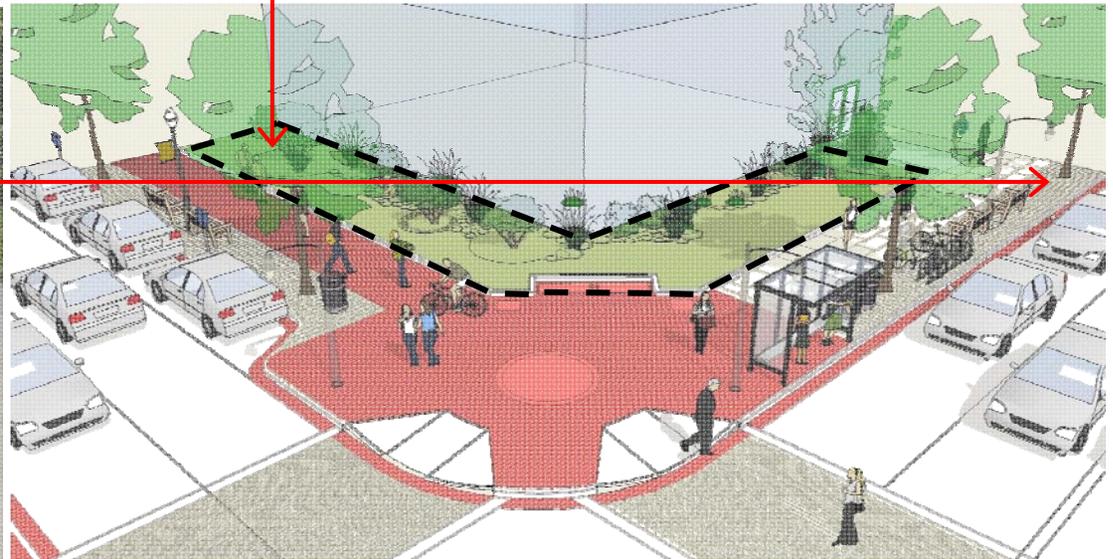
### THE SELF DRAINING SURFACE



### THE NATURAL REVETMENT SYSTEM



# Sustainable Streetscape Concepts

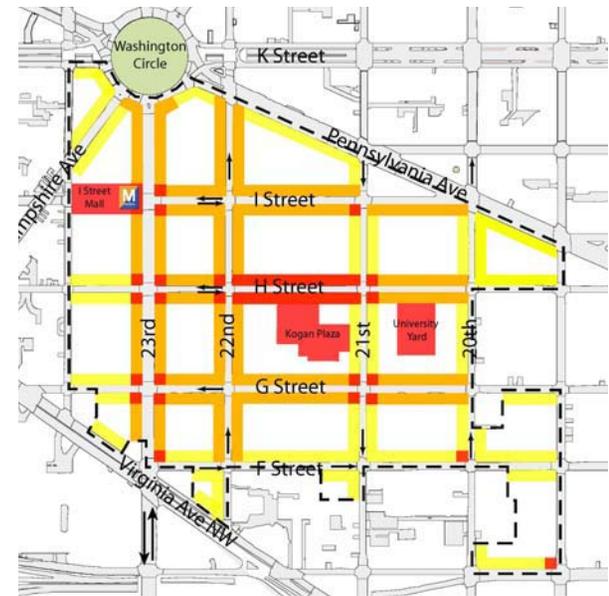


Low Impact Development (LID):  
Bio-retention Cell

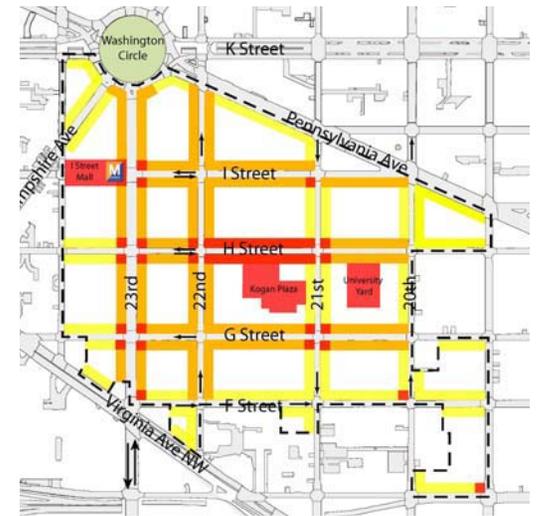
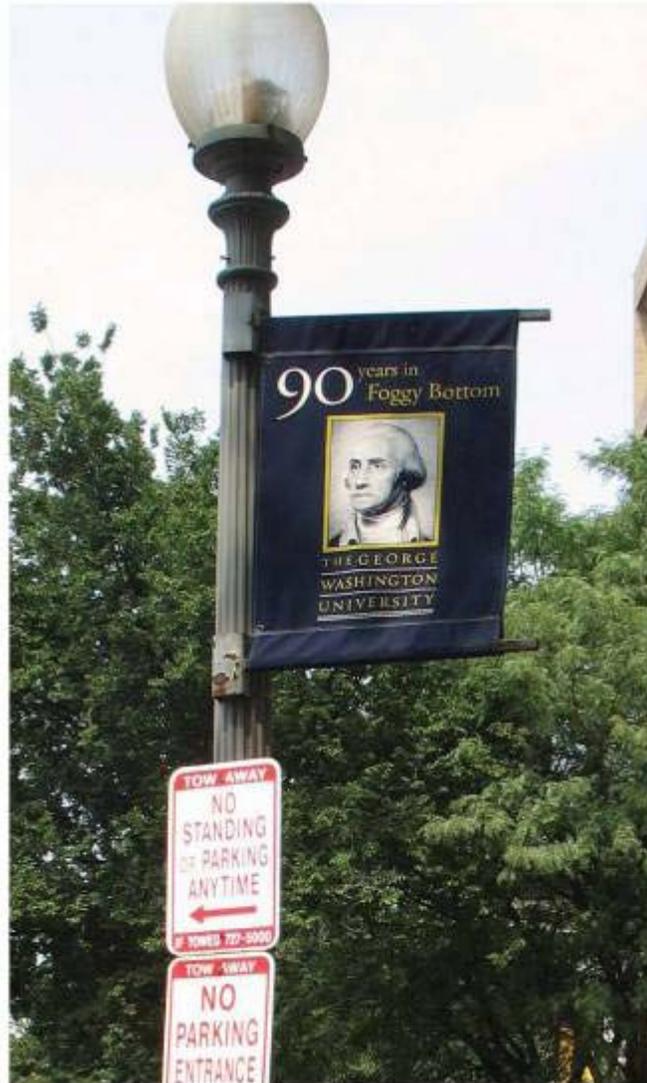
# Streetscape Concept Plan: Existing Premium Elements



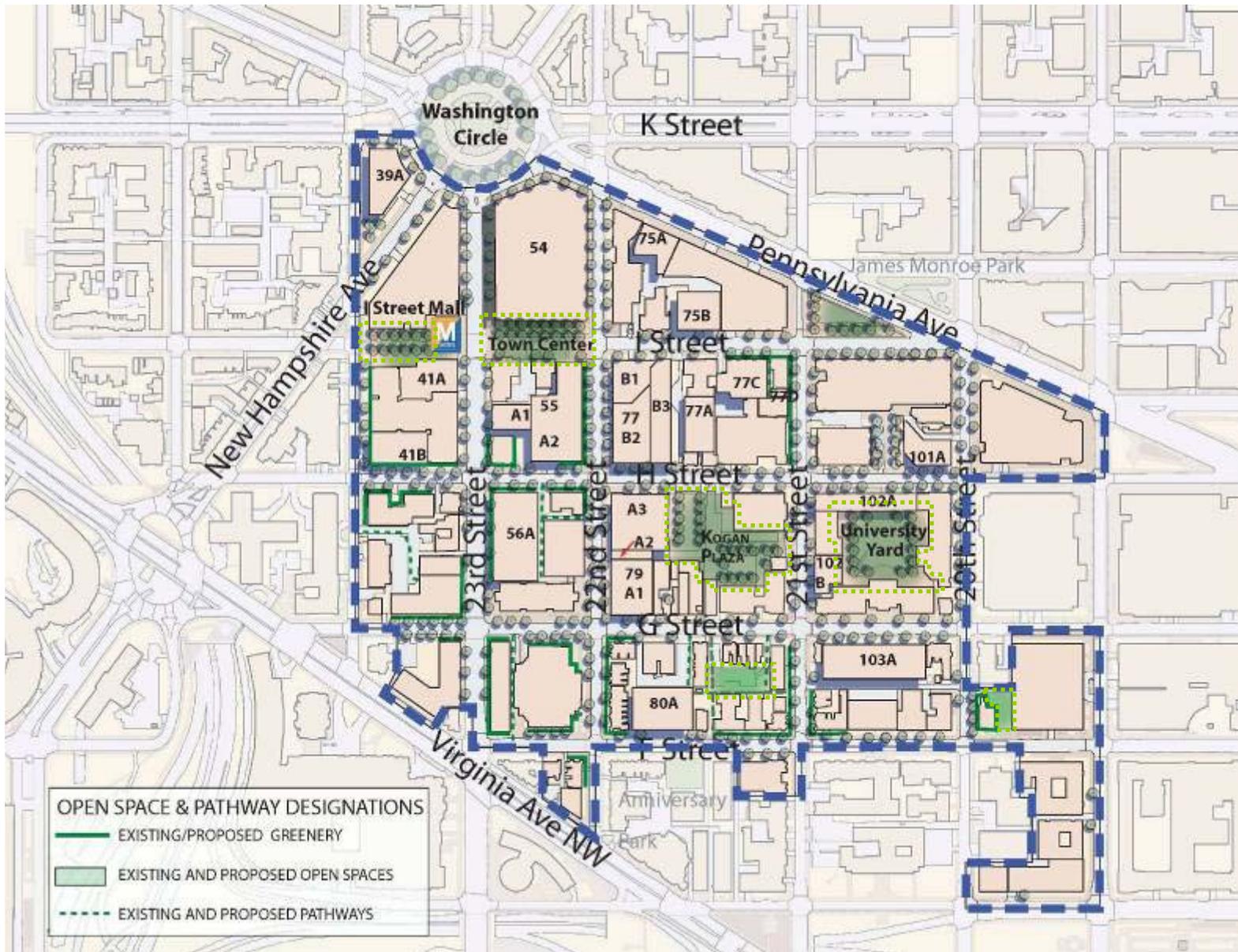
# Streetscape Concept Plan: Illustrative Premium Elements



# Streetscape Concept Plan: Existing Street Banners



# Key University Open Spaces Diagram



## NEXT STEPS



- **A Streetscape plan that is built on community, University & District engagement.**
- **Input from tonight's meeting will be used to inform the plan presented at the next public meeting – June 15th 6:30pm (Location TBD).**
- **Continued Meetings with University Stakeholders and engagement with District agencies.**