









BETHESDA

Planning Board Briefing

December 2014

MARYLAND - NATIONAL CAPITAL PARK AND PLANNING COMMISSION



BETHESDA Today

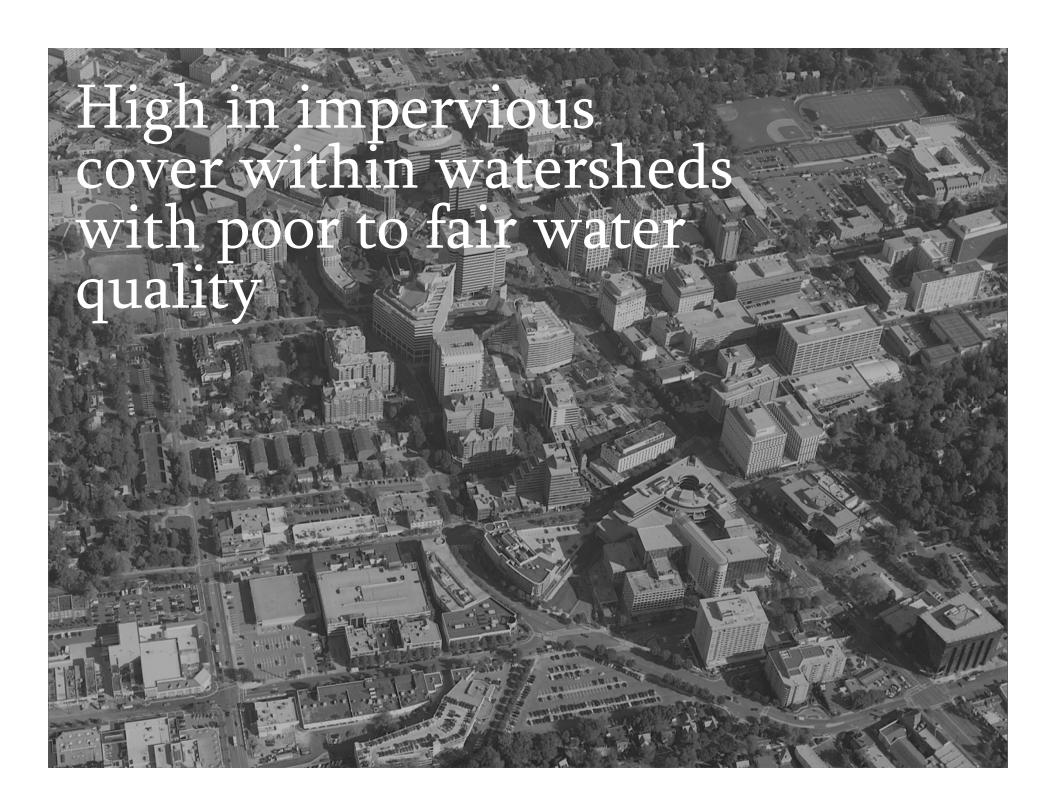


Home to over 10,000 residents within the Plan boundary and adjacent to two major federal employers





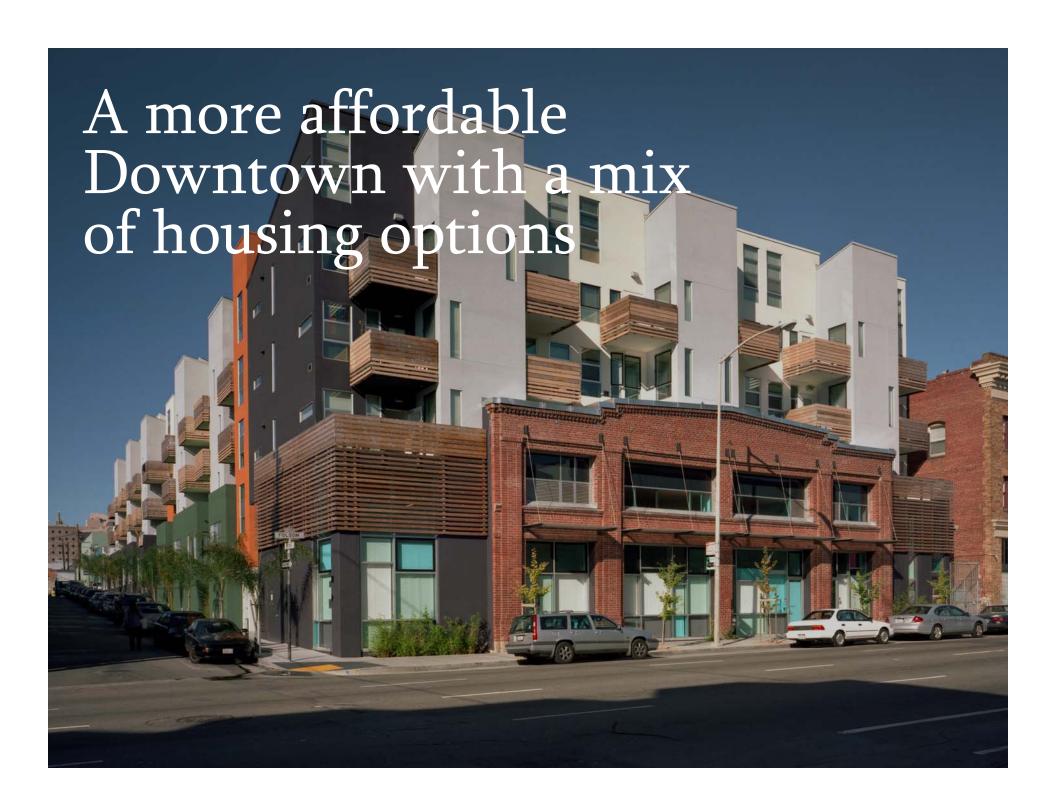
Lacking central green spaces and continuous tree canopy



An area with the highest average rents in the county and a need to increase affordable housing options

BETHESDA Tomorrow



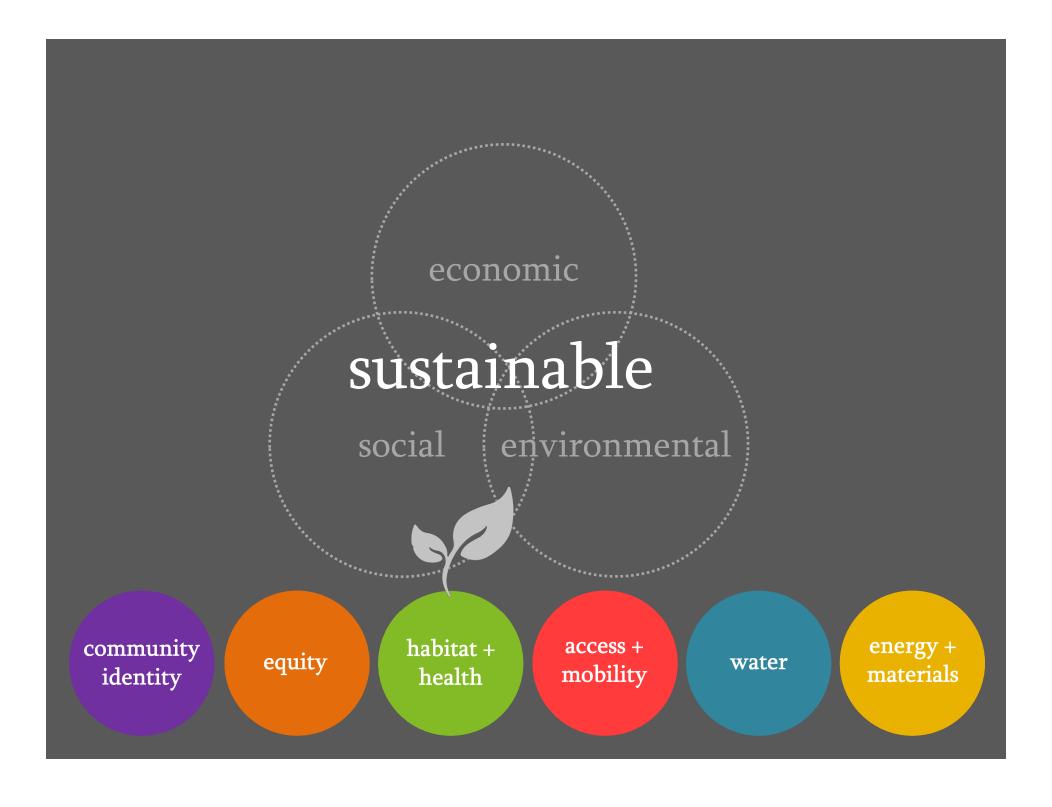






A truly sustainable Downtown

social environmental



BETHESDA

1. Planning Process

Sector Plan Area

Bethesda CBD Plan Boundary

Bethesda Purple Line Station Plan Boundary

Capital Crescent Trail

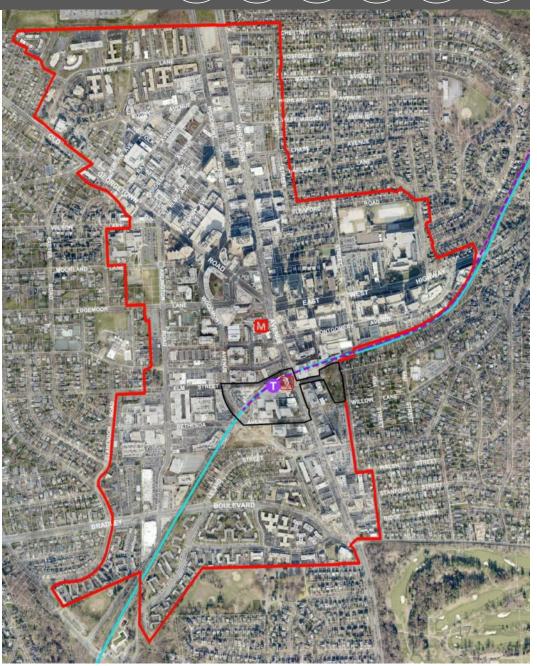
-- Purple Line

Planned Purple Line Station

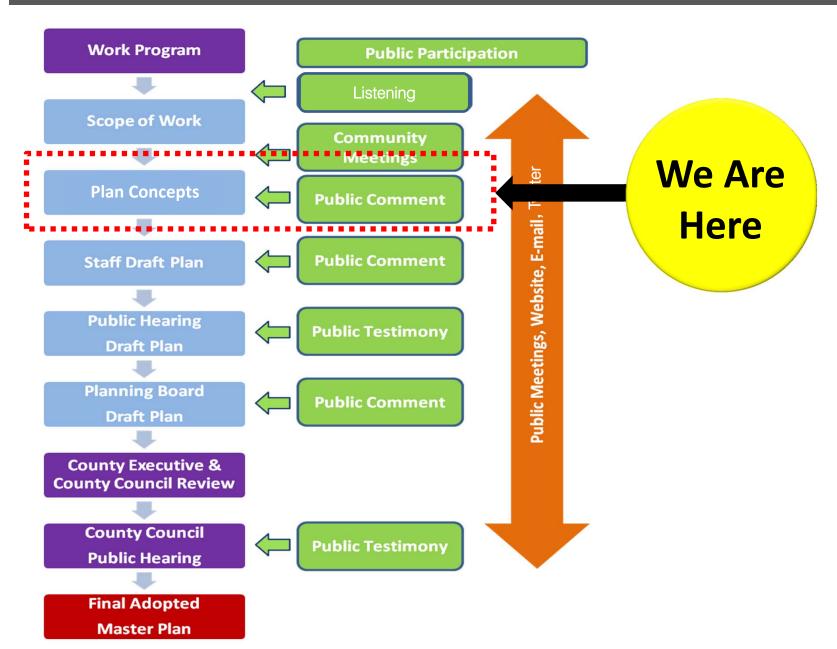
Metro Station

Proposed Metro Station





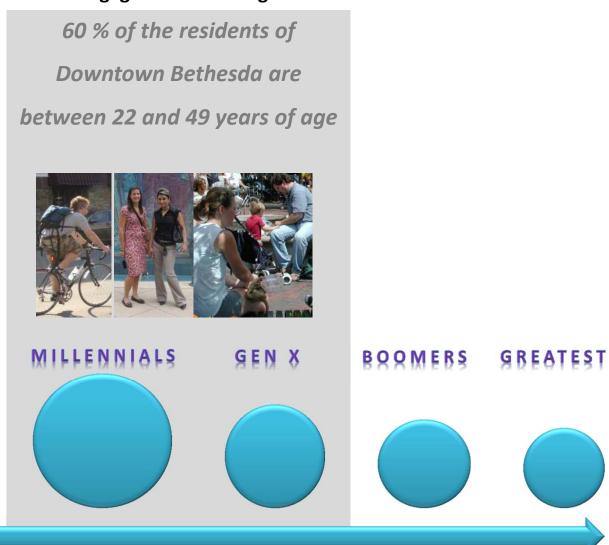




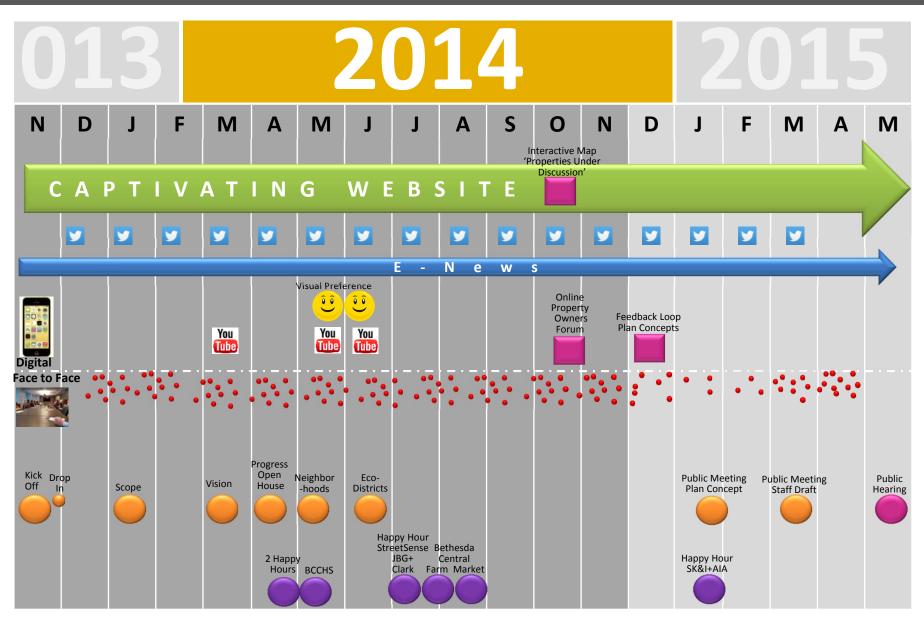
KIRS



Engagement Challenge









Live Online Property Owners' Forum









Interactive Map on Website: Properties Under Discussion



http://montgomeryplanning.org/community/bethesda_downtown/projects.shtm

Online Feedback Loop



Allows Choices Based on Interests and Time

Quick and Easy

In Between

In Depth

BETHESDA 2. Plan Concepts



A truly sustainable Downtown

social

unique + affordable

environmental

greener + connected

community identity

equity

habitat + health

access + mobility

water

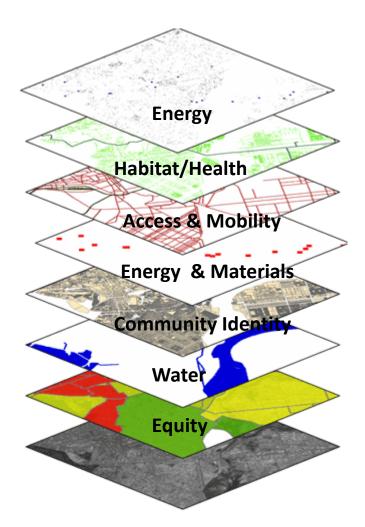
energy + materials

Sustainable Planning



Improve Performance Areas

- Assessed Existing Conditions
- Determined:
 - Goals
 - Strategies
 - Objectives
- Integrated Solutions



Sustainable Planning



Montgomery County Law

Bill 32-07: Reduce GHG emissions to 80% below 2005 levels by January 1, 2050.

Bill 32-07: Stop increasing Countywide GHG emissions by 2010. Reduce GHG by 10% every 5 years through 2050.

Bill 37-06: Property Tax Incentive. Platinum/Equivalent Buildings: 75% tax reduction for 5 yrs.

Sustainable Planning









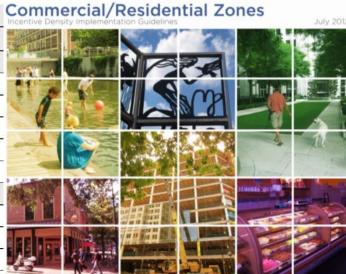




Bethesda-wide Initiatives

Table	2:	Public	Benefits	Categories
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Transit Proximity				
<u> </u>	ability Ontions			
Connectivity Between Uses, Activities, and Mobility Options				
Neighborhood Services	Transit Access Improvement			
Minimum Parking	Trip Mitigation			
Through-block Connection	Streetscape			
Public Parking	Advanced Dedication			
Wayfinding				
Diversity of Uses and Activities				
Affordable Housing	Adaptive Buildings			
Care Centers	Small Business Opportunities			
Dwelling Unit Mix	Enhanced Accessibility for the Disabled			
Live-work Units				
Quality of Building and Site Design				
Historic Resource Protection	Structured Parking			
Tower Step-Back	Public Art			
Public Open Space	Exceptional Design			
Architectural Elevations				
Protection and Enhancement of the Natural E	Environment			
Building Lot Termination (BLT)	Energy Conservation and Generation			
Vegetated Wall	Tree Canopy			
Vegetated Area	Vegetated Roof			
Cool Roof	Recycling Facility Plan			
Habitat Preservation and Restoration				



Concept Framework

community
identity

equity

habitat + health access +

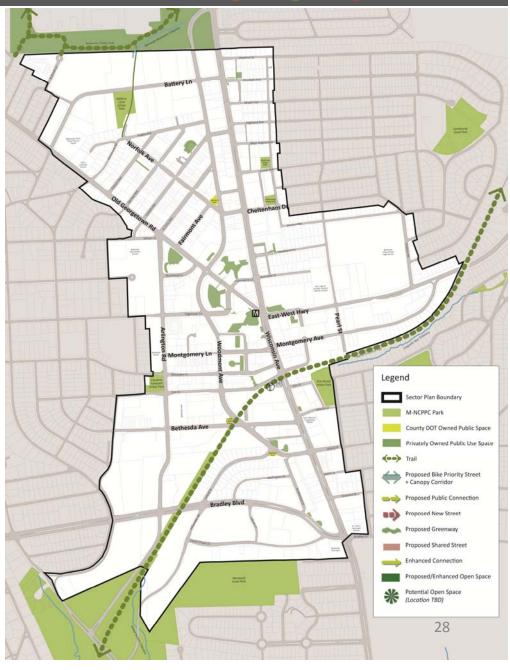
water

energy + materials





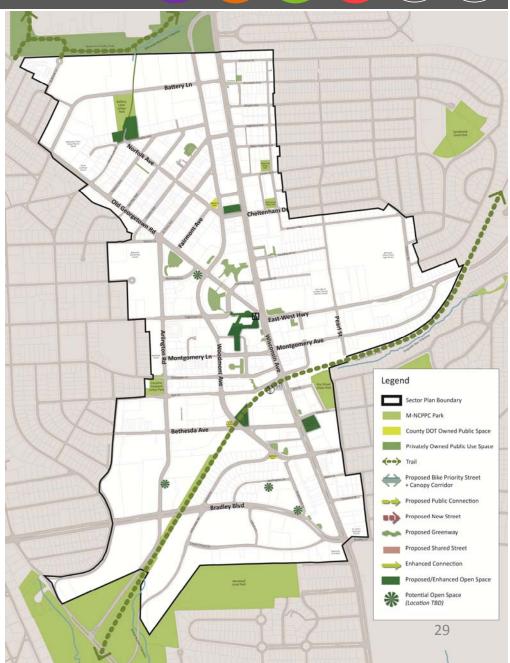






Gathering Spaces

Provide each center with a gathering space appropriate to the character of the area



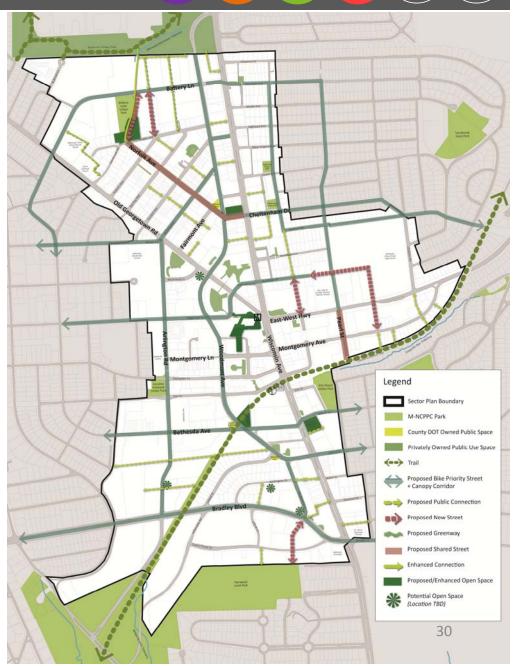


Gathering Spaces

Provide each center with a gathering space appropriate to the character of the area

Connections

Organize streets, midblock connections, greenways and trails to contribute to a well-connected network





Gathering Spaces

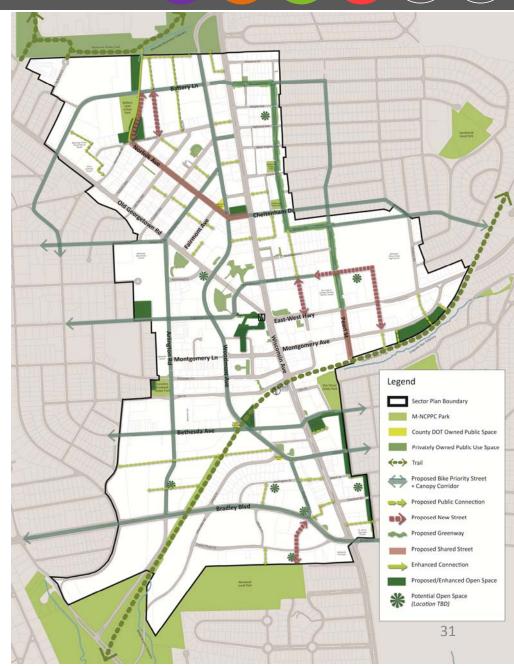
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Connections

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Edges

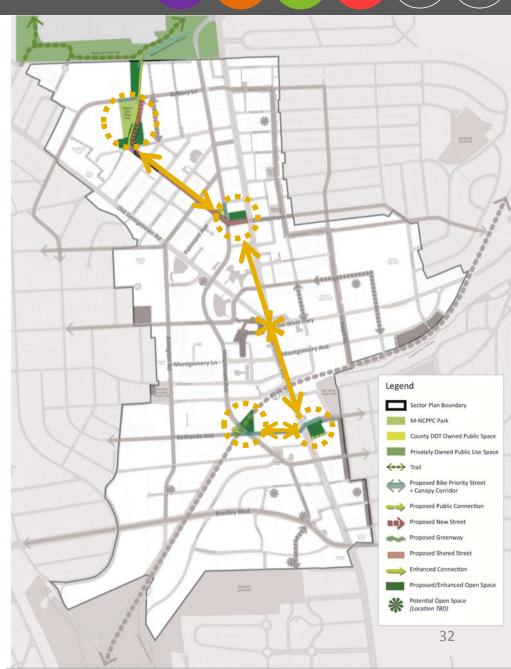
Transition to surrounding neighborhoods with green open space amenities and civic buffers





Primary Links:

- 1. Metro center to Woodmont Triangle and Bethesda Row
- Proposed Veteran's Park Civic
 Green along Norfolk Avenue
 through Battery Lane Park to the
 Bethesda Trolley Trail
- 3. Proposed Capital Crescent Central Civic Green along Bethesda Avenue to the reimagined Farm Women's Market



Transportation

Transportation











Goals:

- 1. Increase Connectivity
- 2. Enhance Transportation Options
- 3. Accommodate all roadway users

Objectives:

- 1. Improve circulation system
- 2. Expand bicycle network





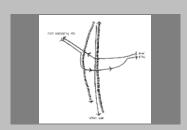


Historic Context



1970

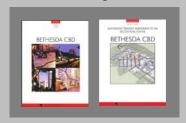
Bethesda Chevy Chase Plan



- o One-way Pairs Reaffirmed In 1976
- Western Distributer –
 Woodmont Ave
 Reaffirmed In 1976
- o Eastern Distributer

1994

Bethesda CBD Sector Plan and 2006 Woodmont Triangle Amendment



- o Major Shift: Drive-alone Use To Transit And Other Alternatives
- Establish TransportationManagement Organization
- Program Silver Spring Bethesda Trolley

Today

Bethesda Downtown Plan Update

Development:Built: 23.7M sf

Total Allowable: 27.8M sf

- o Construction Of Purple Line
- o Expansion Of Mixed-use Downtown
- o Continued
 Implementation Of
 Bikeways/Streetscapes

NADMS **20%**

NADMS

37%

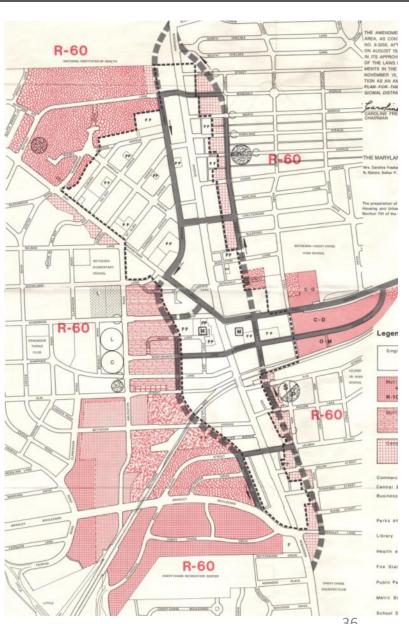
NADMS

39.6%

Modeling



- Currently in-progress
- Evaluating:
 - One-way streets
 - Elimination of 1994 proposed Old Georgetown "reversible" lane
 - Bus Rapid Transit/ Purple Line
 - Impact of proposed bicycle facilities
- Will serve as basis for NADMS recommendations



Streets



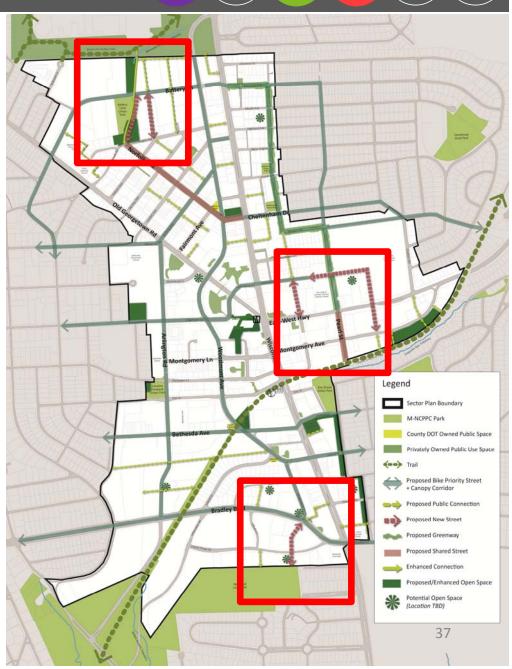
Goal

• Improve the grid system

Potential Connections

(To be Tested)

- Battery Lane/ Woodmont Triangle
 - Norfolk Avenue Extended
 - Auburn Avenue Extended
- Pearl District
 - Avondale Extended
 - Waverly Extended
 - New Street "B-1"
- South Bethesda
 - Strathmore Extended

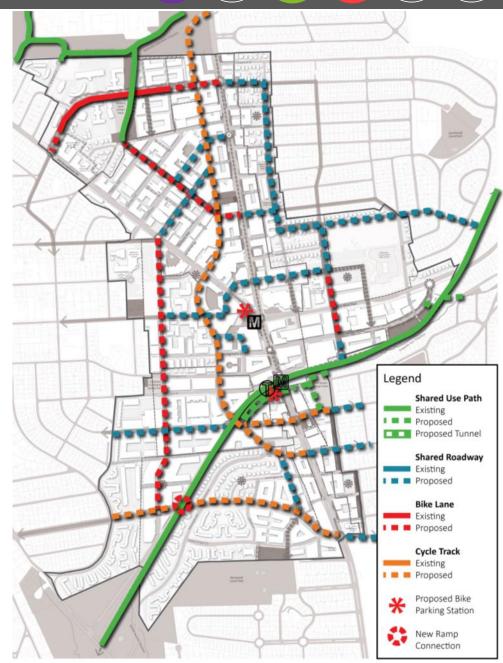


Bikeways



Goals

- Increase Connectivity
- Organize Bicycle Facilities around:
 - Capital Crescent Trail
 - Woodmont Avenue
 - Norfolk Avenue
 - Arlington Road
 - Transit
- Types of Bikeways
 - Shared Use Path
 - Cycle Track
 - Bike Lane
 - Shared Roadway



Canopy Corridor









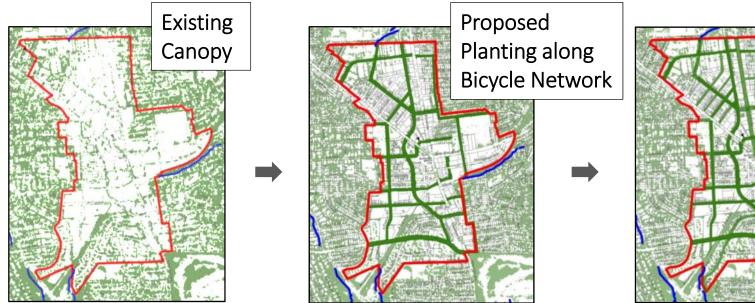




Goals:

- Create Tree Canopy Corridor
- Reduce Heat Island Effect
- Improve Air Quality
- Improve Habitat & Ecosystem Functions





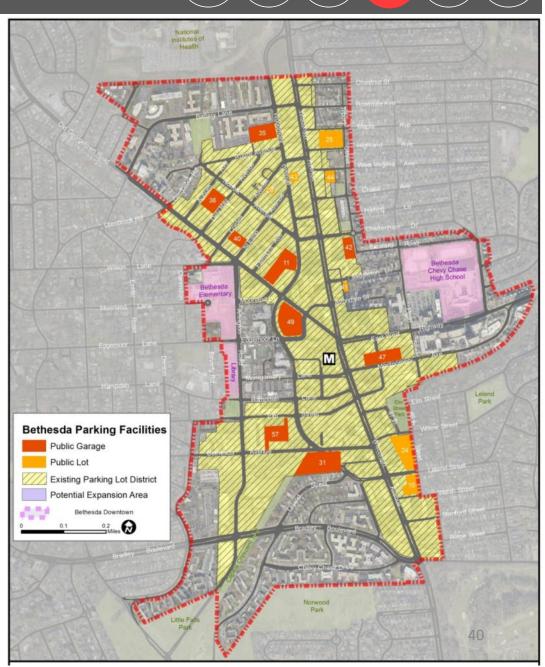


Parking Facilities



Goals

- Consider expanding the Parking Lot District (PLD) to include areas within ¼ mile from existing public parking garages
- Evaluate opportunities for private redevelopment of PLD garages and lots, similar to the Lot 31 development.
- Evaluate opportunities for co-location of public facilities as PLD garages and lots redevelop



Zoning

Development

Existing

- 7,210 dwelling units
- 16M sf. commercial

Pipeline (approved)

- 3,190 dwelling units
- 2.9M sf. commercial

Forecasted Growth 2010-2040

(Council of Governments Cooperative Forecast 8.2)

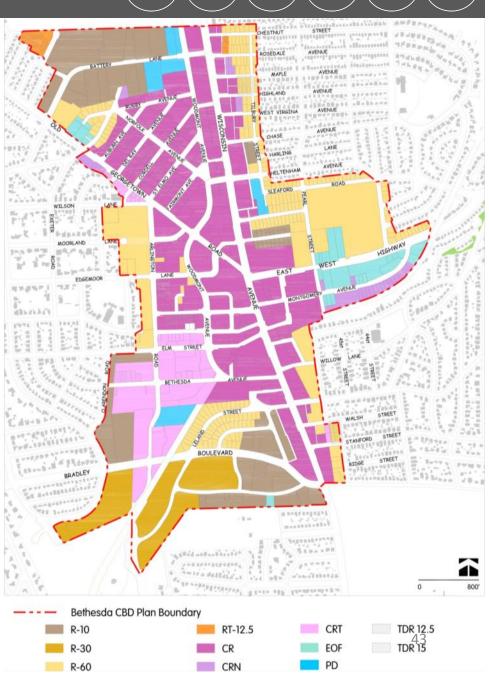
- 14,200 jobs
- 5,300 households



Existing Zoning

community equity habitat + health access + mobility water energy + materials

- Mixed-use projects in the CBD along Wisconsin and Old Georgetown RD
- New Zoning Ordinance took affect on October 30, 2014
- Confirm all zoning within the Sector Plan boundary except where changes are proposed and illustrated on plans



Proposed Zoning



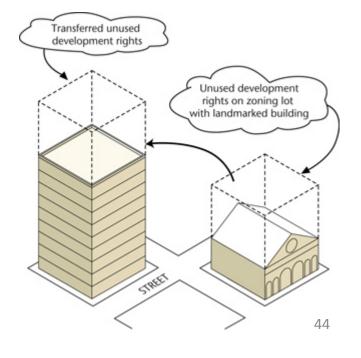
Goals

- Encourage mixed-use development
- Provide for more flexible development opportunities
- Update CR Zone Implementation Guidelines
- Density Transfer
 Sending Priority Areas
 Proposed Public Open Space
 Historic Resources
 Community Resources
 Receiving Priority Areas
 Activity centers and priority
 retail areas
- Confirm Density/FAR within the Sector Plan Boundary

Emerging Centers

Commercial/Residential Zones Incentive Density Implementation Guidelines







As an established Downtown, much of Bethesda's urban form has been set and the majority of change will be infill development





Current Allowable Building Heights

- Heights have been sculpted through years of previous planning efforts and public process
- Maintain majority of heights as allowed and target increases in specific areas that help achieve the Plan vision and public benefits

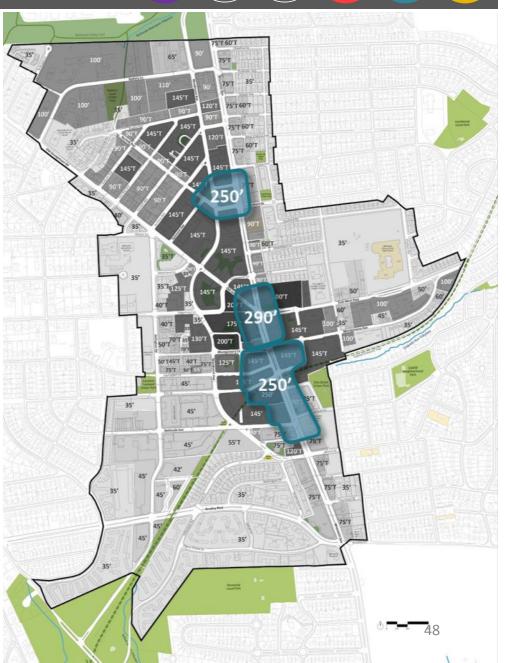
Note: Properties with the "T" designation to be reviewed to determine appropriate comparable height





Symbolic Center and Civic Gathering Spaces

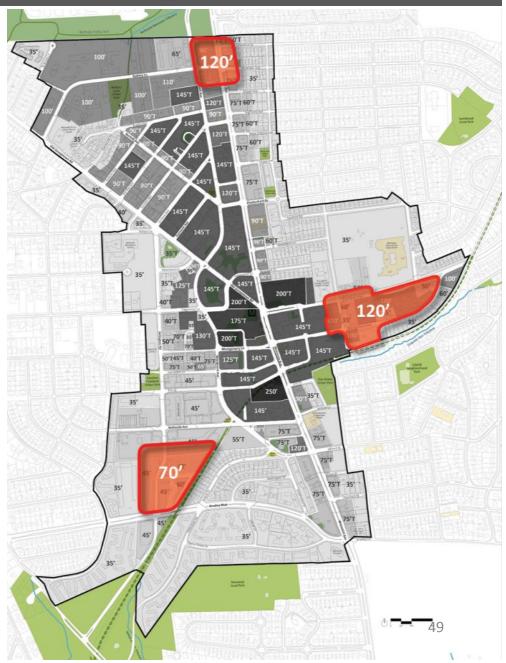
- Allow signature tall buildings at these major civic spaces
- Integrate design and sustainability innovation





Expanded/Emerging Centers of Activity

 Encourage economic vitality through mixed-use development at increased heights appropriate to surrounding context

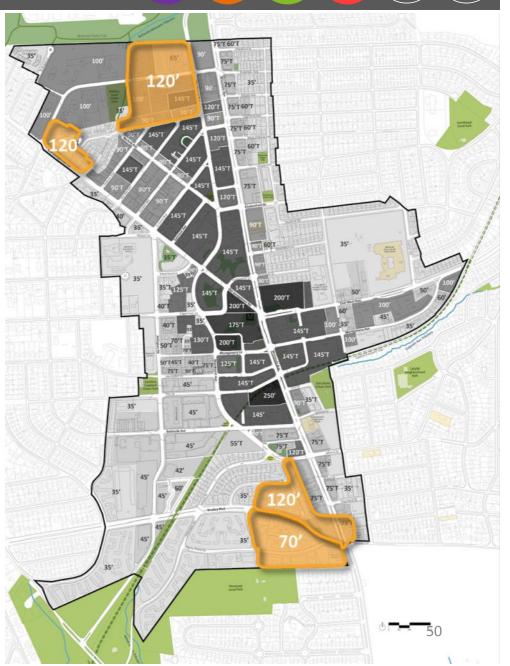




Affordable Housing, Park Connectivity and Community Facilities

Increase height to:

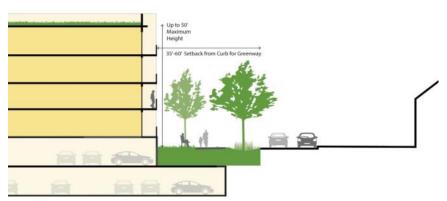
- Enhance Community
 Facilities
- Prioritize affordable housing opportunities with redevelopment
- Enhance connectivity to Norwood Local Park and Bethesda Trolley Trail





Eastern Greenway

- A green connector along the eastern edge of the sector plan area to provide open space, pathways and environmental benefits
- Allow a range of heights (35-70') dependent on amount of green space dedicated







Symbolic Center and Civic Gathering Spaces

Expanded/Emerging Centers of Activity

Affordable Housing,
Park Connectivity and
Community Facilities

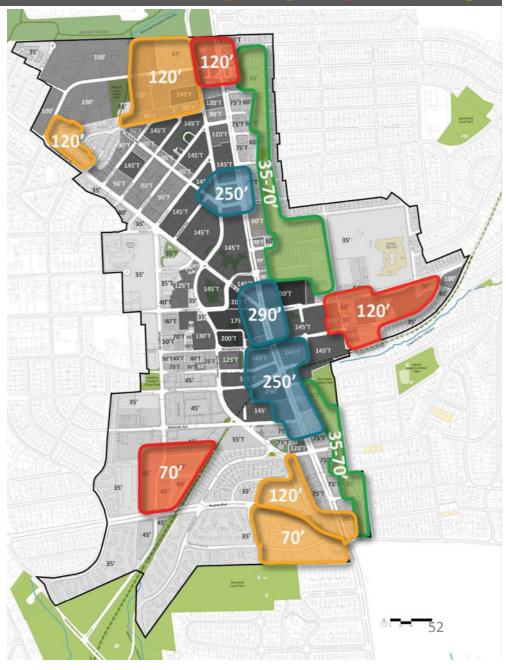
Eastern Greenway

Development:

Current Built: 23.7M sf

Current Total Allowable: 27.8M sf

Proposed Total Allowable: 31.8M sf



Parks + Open Space

What parks and open space does Bethesda need?

- What we've heard from Bethesda
- Policy background: Vision 2030 and PROS
- Opportunities for area-wide and neighborhood focal spaces, gateways, connections, and green transitions

What We've Heard





equity





water energy +









What We've Heard









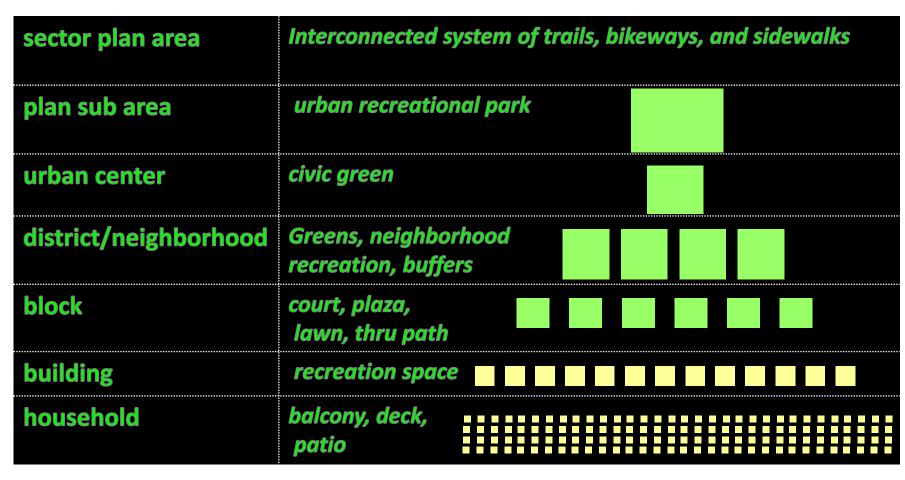


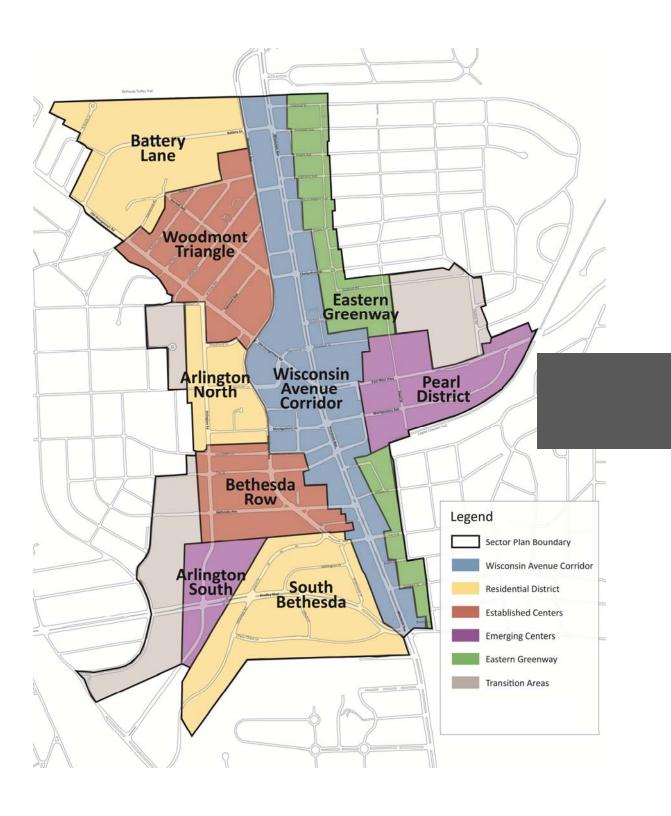


Policy

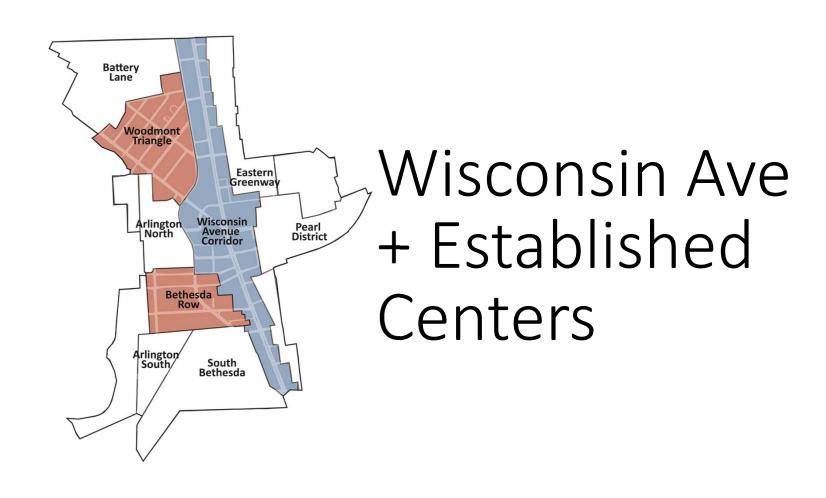


PROS/Urban Parks Hierarchy





Districts









Existing Conditions:

- Symbolic City Center
- Multi-modal
- Mixed-Use
- Downtown

Goals:

- Improve and Enhance Public
 Spaces Activated
- Improve access, mobility, and pedestrian safety
- Create a Downtown
 Atmosphere Community
 Identity
- Promote Energy Conservation and Generation



Public Realm



Proposed Bike Priority Street and Canopy Corridor



Proposed Public Connection



Proposed New Street



Proposed Greenway



Proposed Shared Street



Enhanced Connection



Enhanced Intersection



Proposed Gateway and Enhanced Intersection



Proposed/Enhanced Open Space



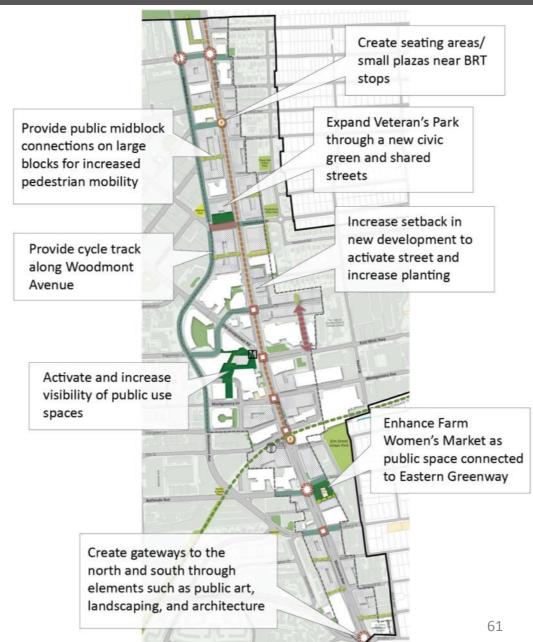
Potential Open Space (Location TBD)



Proposed BRT



Illustrative Potential Development

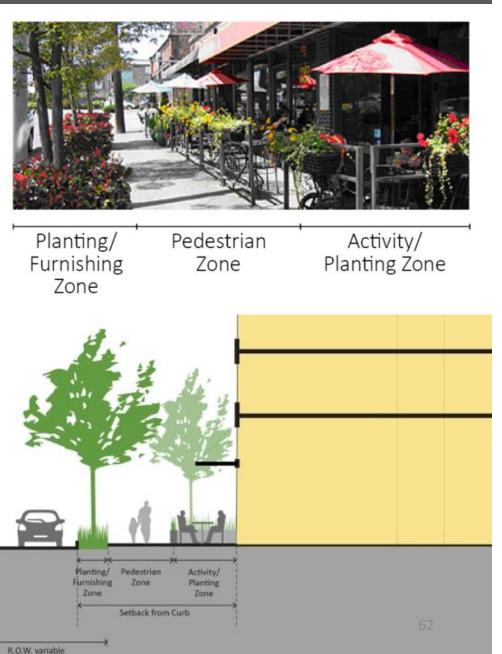




Streetscape

Create green, active and walkable sidewalks

- Planting and furnishing buffer against street
- A clear pedestrian pathway
- Space for activities such as outdoor dining and planting against the building

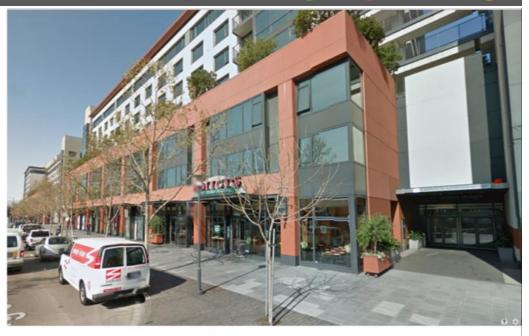


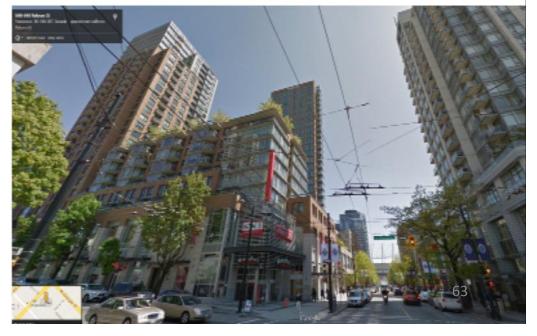


Tall Building Standards

Design Tall buildings to have a human-scaled presence on the street and reduced uniformity

- Building Articulation: such as step back, windows and material change
- Building Separation:
 ensure design allows for
 light and air, and reduced
 shadows on public space

















Public Use Spaces

Underutilized because not perceived as public, hidden in interior of blocks, elevated, and with failing retail

- Improve visibility and connections to the street
- Use creative wayfinding and public art as beacons
- Unclutter plaza spaces by smoothing grade and limiting large permanent furniture
- Integrate flexible lawn spaces stormwater management and more planting
- Encourage more temporary programming such as events kiosks and educational opportunities







Farm Women's Market Civic Green

- Vision the historic heart of Bethesda, a destination and local gathering spot and market, an extension of the Elm street park and eastern greenway
- Function maintain the historic building as a functioning market to be the central activating feature for a newly green and connected civic space.



Amenities envisioned – a picnic seating area, lush landscaping, outdoor vending stalls and restored historic building









Bethesda Row







Existing Conditions:

- Mixed-use Destination
- Hub of Activity
- EngagingStreetscape/PedestrianFriendly
- Regional draw
- Walkable
- Activated urban parks/plazas

Goals:

- Enhance Access and Mobility
- Preserve Scale and Character

Bethesda Row



Public Realm



Proposed Bike Priority Street and Canopy Corridor



Proposed Public Connection



Proposed New Street



Proposed Greenway



Proposed Shared Street



Enhanced Connection



Enhanced Intersection



Proposed Gateway and Enhanced Intersection



Proposed/Enhanced Open Space



Potential Open Space (Location TBD)



Illustrative Potential Development



Bethesda Row



Capital Crescent Central Civic Green

- Vision western gateway from the Purple Line, a green gathering area for movie goers, cyclists, and foodies.
- Function a lawn space for people watching, events and large gatherings















Existing Conditions:

- Mixed-use
- Eclectic
- Arts & Entertainment
- Small-scale Urban Parks Veterans Park

Goals:

- Preserve scale and character on Norfolk Ave (Main Street)
- Enhance existing commercial/retail businesses with improved accessibility
- Promote Opportunities for Diverse
 Mixed-Income Residential Development
- Improve connectivity throughout the neighborhood
- Improve Water Quality

community identity

equity

habitat + health access +

water

energy + materials

Public Realm



Proposed Bike Priority Street and Canopy Corridor



Proposed Public Connection



Proposed New Street



Proposed Greenway



Proposed Shared Street



Enhanced Connection



Enhanced Intersection



Proposed Gateway and Enhanced Intersection



Proposed/Enhanced Open Space



Potential Open Space (Location TBD)



Illustrative Potential Development











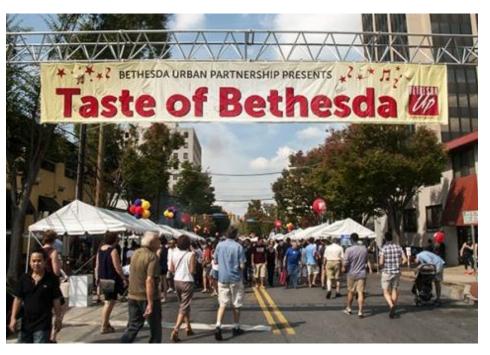




Norfolk Avenue

Build on what works well and creates the unique character in Woodmont Triangle:

- Enhance Norfolk avenue as an active street for arts and community events
- Maintain human scale of the buildings along the street through stepback regulations















energy + materials

Norfolk Avenue

Short Term

- Opportunity for parklets in a few parking spaces to expand public space and activate the street
 - Outdoor dining
 - Public and Performance Art
 - Children's Play areas
 - Seating areas







Woodmont Triangle











energy + materials

Norfolk Avenue

Long Term Shared Street

- Create a shared street as connection between Battery Lane Park and Veterans Park along all or a portion of Norfolk
- Shared streets balance all modes of transportation and allow more flexible public space





Woodmont Triangle











energy + materials

Veteran's Park Civic Green

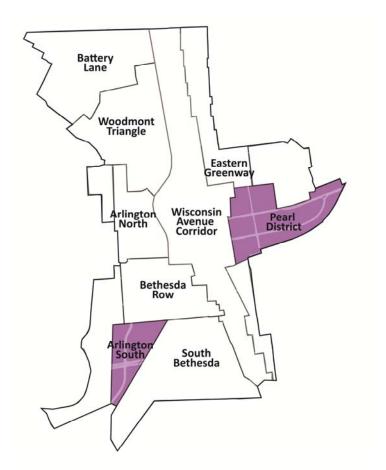
- Vision the green gathering space of Woodmont Triangle/Wisconsin North
- Function community events, relaxing on the lawn











Emerging Centers







Existing Conditions:

- Gateway
- Locally serving retail
- Active

Goals:

- Promote activity and mixed-use
- Enhance access and mobility
- Enhance pedestrian connectivity
- New Main Street
- Expand network of open space
- Promote Energy Conservation and Generation
- Improve Water Quality



Public Realm



Proposed Bike Priority Street and Canopy Corridor



Proposed Public Connection



Proposed New Street



Proposed Greenway



Proposed Shared Street



Enhanced Connection



Enhanced Intersection



Proposed Gateway and Enhanced Intersection



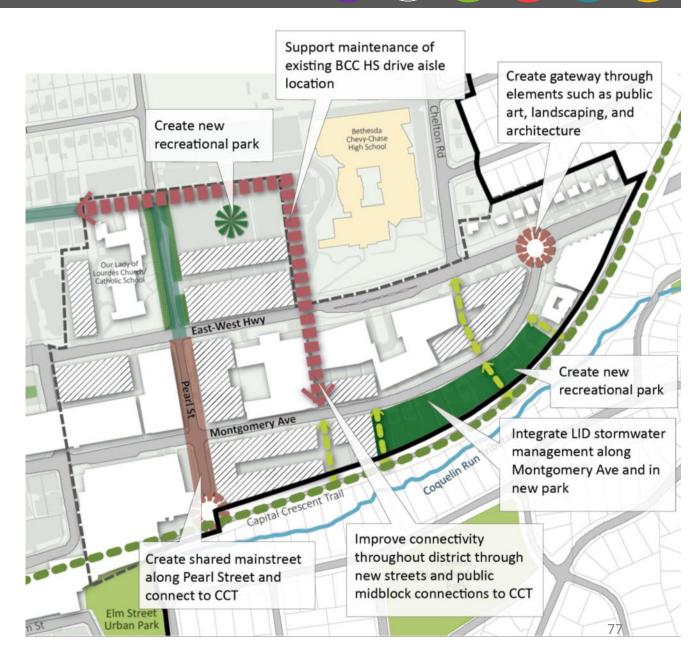
Proposed/Enhanced Open Space



Potential Open Space (Location TBD)



Illustrative Potential Development







habitat + health access + mobility





Create a shared street along Pearl Street

- Consider short term street activation such as food trucks before retail development is complete
- Integrate stormwater management
- Create prominent connection to Capital Crescent Trail











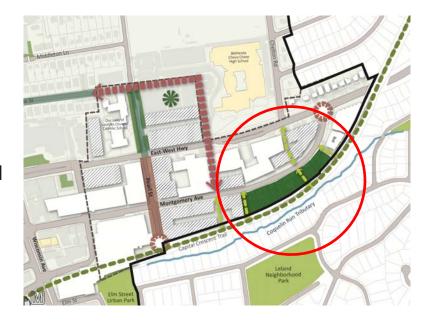






The Eastern Capital Crescent Gateway Park

- Vision an active gateway park along the Capital Crescent Trail
- Function to provide recreational areas along the trail and to be a green gateway into the Bethesda CBD.











Arlington South







Existing Conditions:

- Mixed-use/residential
- Emerging center of activity
- Local serving retail
- Gateway

Goals:

- Enhance opportunities for local serving retail (junior anchor scale)
- Enhance access and mobility
- Create a more pedestrian friendly environment along Arlington Road
- Improve connectivity to Capital Crescent Trail
- Improve Water Quality
- Promote Energy Conservation and Generation
- Improve Habitat and Ecosystem

Arlington South



Public Realm



Proposed Bike Priority Street and Canopy Corridor



Proposed Public Connection



Proposed New Street



Proposed Greenway



Proposed Shared Street



Enhanced Connection



Enhanced Intersection



Proposed Gateway and Enhanced Intersection



Proposed/Enhanced Open Space

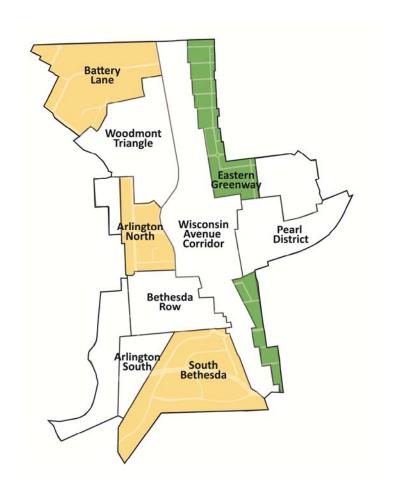


Potential Open Space (Location TBD)



Illustrative Potential Development

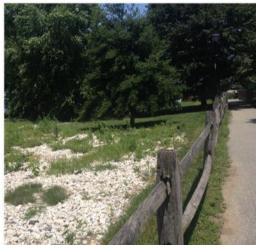




Residential + Edge Districts









Existing Conditions:

- Established Neighborhood
- Residential Character
- Pedestrian Scale
- Functional Urban Park

Goals:

- Create a Mix of Housing Options
- Enhance Neighborhood Green
- Improve Connectivity
- Improve Water Quality





habitat + health access +

water

energy + materials

Public Realm



Proposed Bike Priority Street and Canopy Corridor



Proposed Public Connection



Proposed New Street



Proposed Greenway



Proposed Shared Street



Enhanced Connection



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Proposed Gateway and Enhanced Intersection



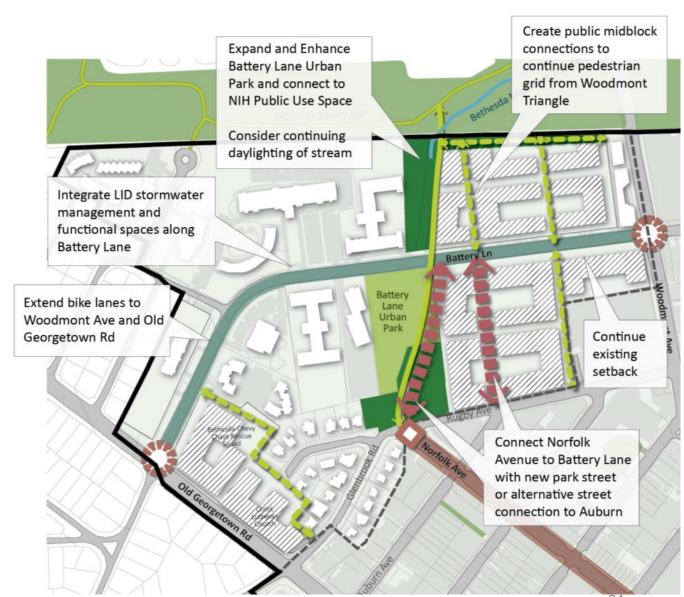
Proposed/Enhanced Open Space



Potential Open Space (Location TBD)



Illustrative Potential Development







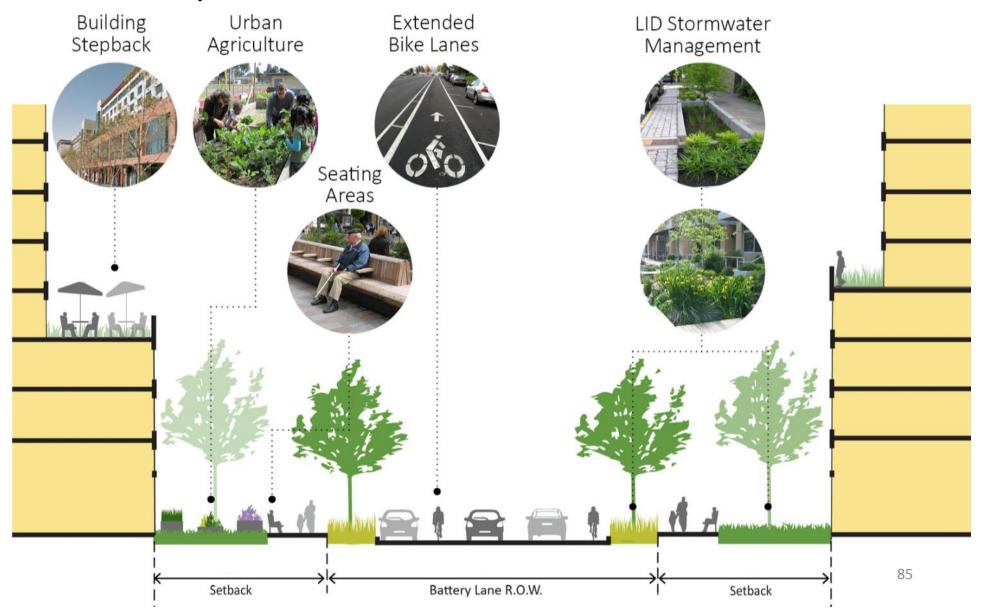








Streetscape Character















Bethesda Trolley Trail Gateway Park

- Vision a green and active linear park connection between NIH and the Woodmont Triangle. A major bicycle and pedestrian link between Bethesda and White Flint.
- Function a bicycle trail through the enhanced
 Battery Lane Park wide enough for stream
 improvement, environmental interpretation and play spaces.

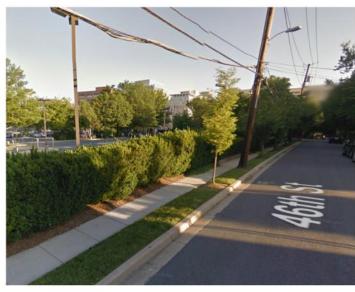


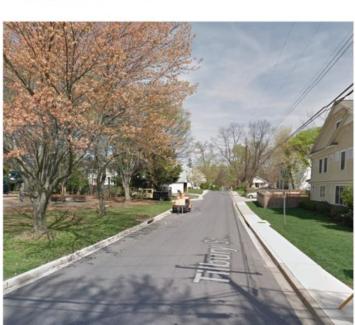












Existing Conditions:

- Edge Condition
- Abuts town of Chevy Chase
- Existing Parks
- Existing Surface Parking Lots
- Capital Crescent Trail
- Mix of Everything
- Single Family Homes

Goals:

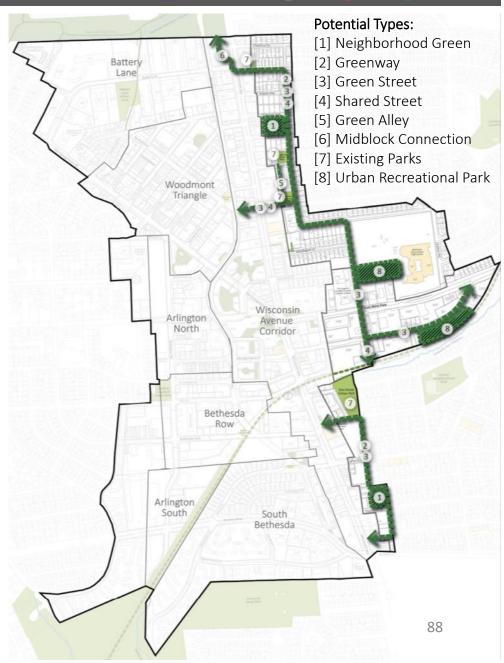
- Make the best use of land near the Metro Station
- Reduce Impervious Surface
- Create a connected Network of Parks and Open Spaces
- Improve access and mobility
- Improve access to CCT
- Improve health and well-being through the creation of active public spaces
- Improve Water Quality
- Improve Habitat and Ecosystem



Concept

A green connector and buffer along the eastern edge of the sector plan area

- Provides open space, pathways and environmental benefits
- Connects existing and proposed open spaces
- Creates transition to adjacent residential neighborhoods





Public Realm



Proposed Bike Priority Street and Canopy Corridor



Proposed Public Connection



Proposed New Street



Proposed Greenway



Proposed Shared Street



Enhanced Connection



Enhanced Intersection



Proposed Gateway and Enhanced Intersection



Proposed/Enhanced Open Space



Potential Open Space (Location TBD)



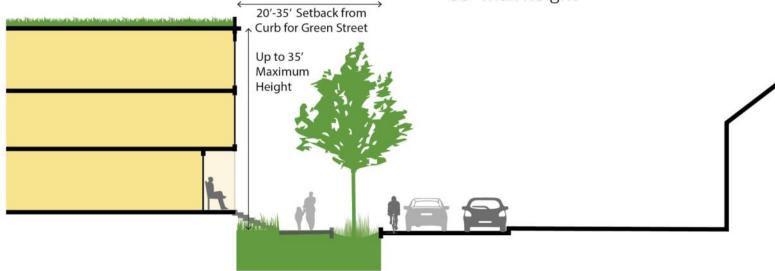
Illustrative Potential Development





Setback + Height

- Setback 20'-35' from curb for Green Street
- 35' max height





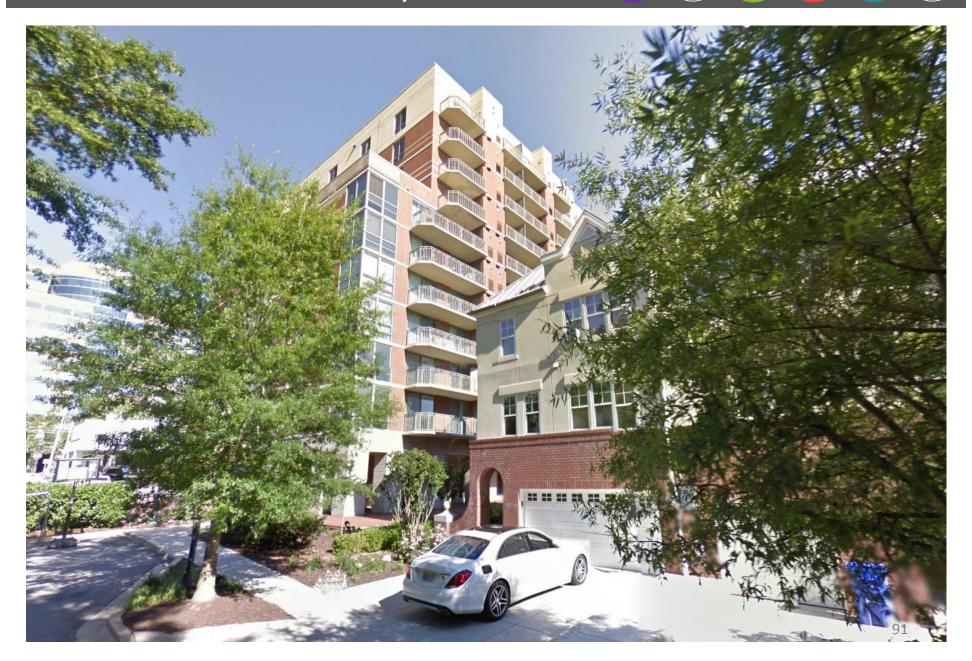


habitat +

access +

water

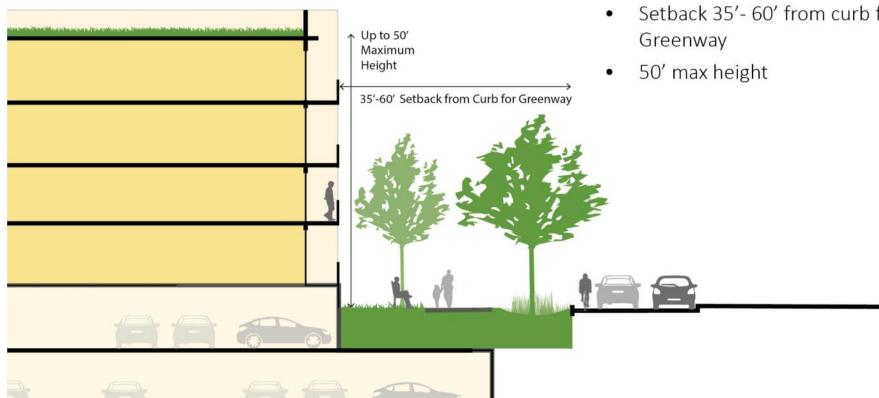
energy + materials



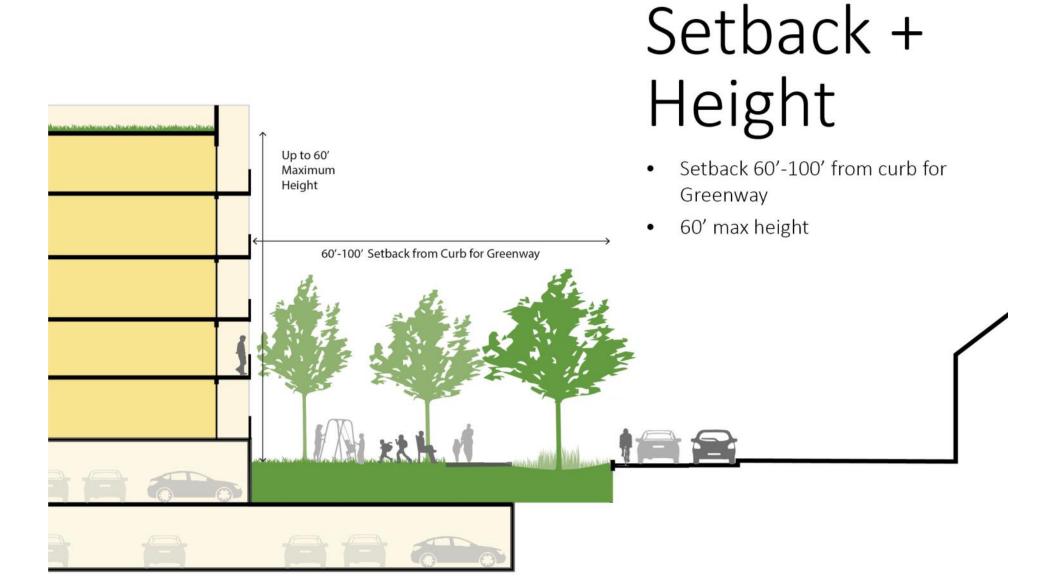


Setback + Height

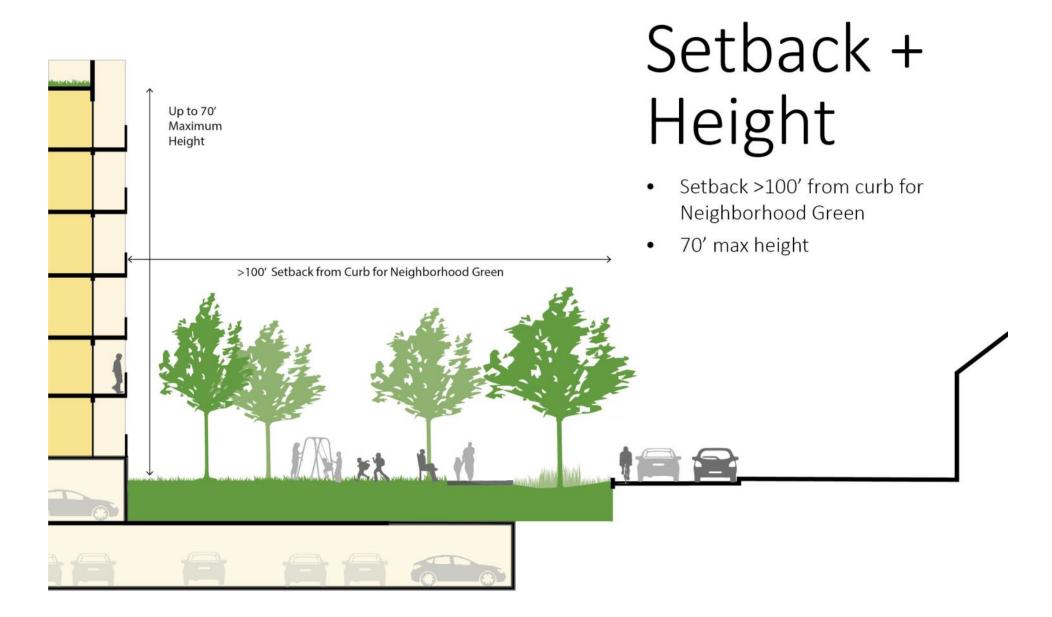
Setback 35'- 60' from curb for Greenway















equity





Neighborhood Parks

- Vision pockets of larger greens along the greenway for additional recreational amenities and green buffers for the community.
- Function to provide neighborhood recreational opportunities.









South Bethesda

















Existing Conditions:

- Affordability
- Established Residential Neighborhood
- Pedestrian scale

Goals:

- Preserve Affordability
- Enhanced Connectivity to Norwood Park
- Enhance Access and Mobility
- Improve Water Quality
- Promote Energy Conservation and Generation
- Improve Habitat and Ecosystem

South Bethesda





habitat + health access +

water

energy + materials

Public Realm



Proposed Bike Priority Street and Canopy Corridor



Proposed Public Connection



Proposed New Street



Proposed Greenway



Proposed Shared Street



Enhanced Connection



Enhanced Intersection



Proposed Gateway and Enhanced Intersection



Proposed/Enhanced Open Space



Potential Open Space (Location TBD)



Illustrative Potential Development



South Bethesda













Norwood Park

Gateway Connection

- Vision a wider, greener and more visible entrance into Norwood Park.
- Function a convenient and clear northern entrance into the 32 acre recreational park and a connection to the bicycle priority streets such as Woodmont and Strathmore Avenues.





Arlington North







Existing Conditions:

- Edge
- Neighborhood Connector
- Primarily Residential

Goals:

- Improve access and mobility
- Neighborhood Green
- Improve Water Quality
- Improve Habitat and Ecosystem
- Transition zone between urban core and suburban neighborhoods

Arlington North



Public Realm



Proposed Bike Priority Street and Canopy Corridor



Proposed Public Connection



Proposed New Street



Proposed Greenway



Proposed Shared Street



Enhanced Connection



Enhanced Intersection



Proposed Gateway and Enhanced Intersection



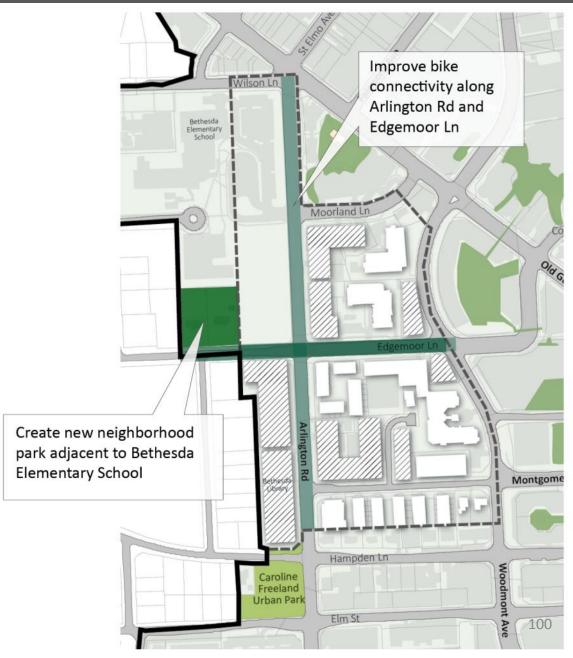
Proposed/Enhanced Open Space



Potential Open Space (Location TBD)



Illustrative Potential Development

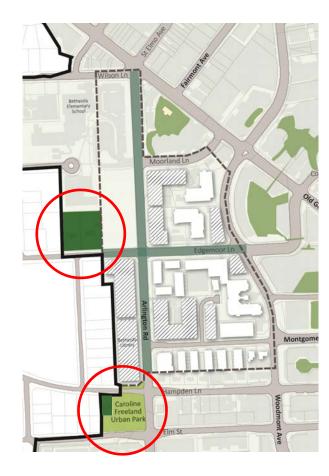


Arlington North



Arlington Neighborhood Parks

- Vision pockets of larger greens along the public realm for recreational amenities and green buffers for the community.
- Function to provide neighborhood recreational opportunities.

















Concept: A pilot program with public/private partnerships for Accelerating Sustainability

- Achieving Montgomery County Objectives
- Innovative County Pilot
- Demonstrative
- Interactive
- Educational
- National Model





















Getting to Zero

- **EcoDistricts**
 - **Architecture 2030: Planning**
 - **Green Benefits District**
 - **LEED Neighborhood Development**
 - **Star Communities**
 - **SITEs Program**
 - **Better Building Challenge**
 - **Living Building Challenge**
 - **Sustainable Communities**
 - **Choice Neighborhoods**
 - **Innovation Districts**
 - **Green Impact Zones**
 - **Net Zero Installation Policy**

- Collaboration & Endorsement
- American Institute of Architects (AIA)
- Alliance to Save Energy (ASE)
- American Planning Association (APA)
- American Society of Heating, Refrigerating and Air- Conditioning Engineers (ASHRAE)
- American Society of Landscape Architects (ASLA)
- Construction Owners Association of America (COAA)
- Green Building Initiative (GBI)
- International Code Council (ICC)
- •National Society of Professional Engineers (NSPE)
- •U.S. Green Building Council (USGBC)

















Priorities: Public/Private Realm

Buildings:

- Reduced Energy Demand
- Reduced Water Use
- Landmark Structures

Open Space:

- Integrated Stormwater
- Greenroofs

Streets:

- Canopy Corridor
- Green Streets
- High Efficiency Street Lighting









High Performance Area #2 community identity













Priorities: Private Realm

Buildings:

- Reduced Energy Demand
- Reduced Water Use
- Landmark Structures

Open Space:

- Integrated Stormwater
- Greenroofs

Streets:

- Canopy Corridor
- Green Streets
- High Efficiency Street Lighting



Washington, DC











habitat + health







Priorities: Public Realm

Buildings:

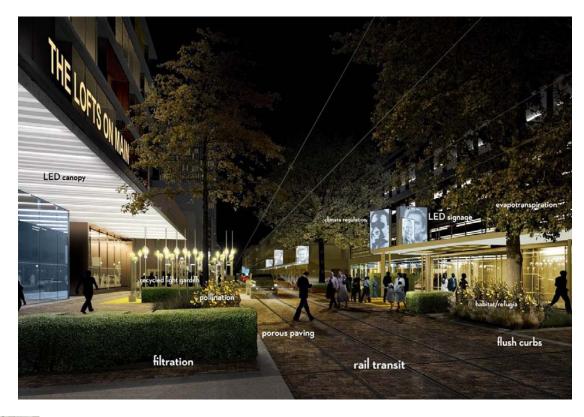
- Reduced Energy Demand
- Reduced Water Use
- Landmark Structures

Open Space:

- Integrated Stormwater
- Greenroofs

Streets:

- Shared Street
- Canopy Corridor
- Green Streets
- Flush Curb











Implementation

Set Goals:

A model of Sustainability and Design

Accelerate Performance

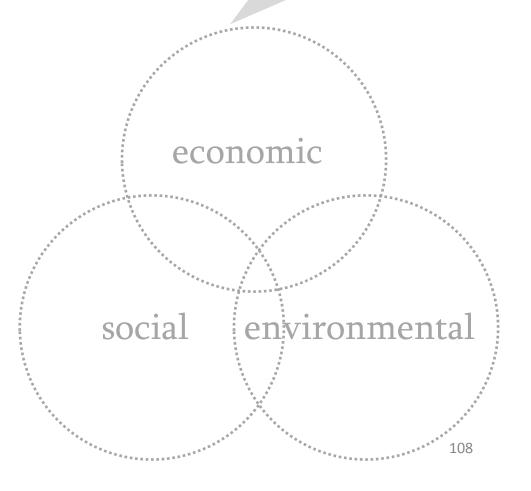
Bonus and Benefits

- Density
- CR Incentives

Benefits

Triple bottom Line

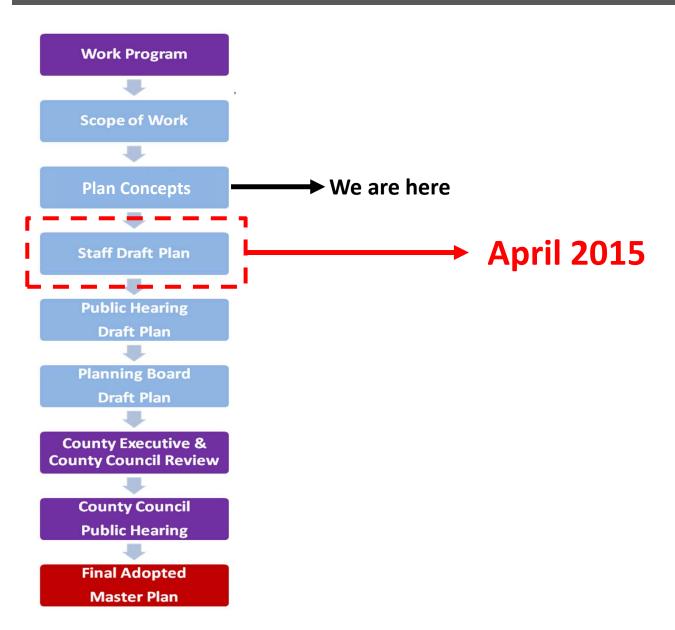
Public/Private Partnerships



BETHESDA 3. Next Steps...

What's Next?





What's Next?



What we need from you?

Feedback



Right direction?



Staff draft













BETHESDA

Planning Board Briefing

December 2014

MARYLAND - NATIONAL CAPITAL PARK AND PLANNING COMMISSION

