

# Green Infrastructure in Frederick County

Frederick County Green Infrastructure Advisory Group

Meeting #6

July 24, 2025

Green Infrastructure Website:



FrederickCountyMD.gov/  
GreenInfrastructurePlan



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# Review of Frederick Futures Open Houses



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# Advisory Group Meeting #6 Discussion Topics

- **Green Infrastructure Network Mapping**
  - Protocol developed – first generation of network mapping ready for review!
  - Focuses on themes, topics, organizational principles from first round of Advisory Group Meetings
- **Green Infrastructure Plan Outline**
  - Progress copy furnished for review and comment



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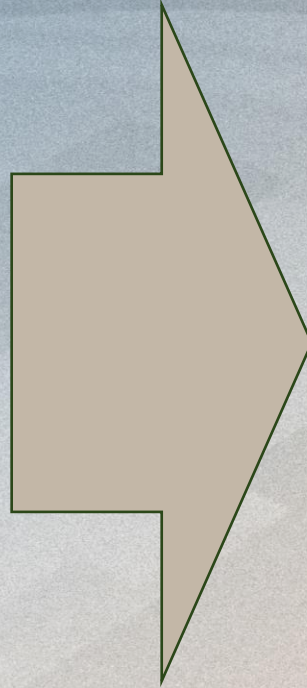
Image Source: Architectural Archives of the University of Pennsylvania, 1969. (<https://www.tclf.org/boundary-expansion>)



# Advisory Group Meeting #6 – GI Network Mapping

## Advisory Group #1 Themes

- Community Connectivity
- Equity of Accessibility
- Climate Change & Biodiversity
- Habitat & Wildlife Protection
- Sustainability & Long-Term Management
- Public Outreach & Education
- Policy & Legislation
- Local Ecosystem Health



## Green Infrastructure Subsectors A - E

- Community Connectivity  
(Multi-Modal Accessibility Subsector)
- Equity of Accessibility  
(Environmental Equity Subsector)
- Biodiversity, Wildlife Habitat, and Local Ecosystem Health  
(Habitat Connectivity Subsector)
- Public Health, Outreach, and Education  
(Outdoor Recreation & Education Subsector)
- Climate Change, Sustainability, and Long-Term Management  
(Climate Change Subsector)





# Green Infrastructure Network Mapping – Subsectors

## MM Accessibility

- County Designated Bikeways & Trails
- GI Advisory Group Linkages
- MARC Service Routes
- MTA Bus Routes
- TransIT Service Routes

## Environmental Equity

- Overburdened Census Tracts
- Census Tracts with “Low” Park Equity Score (MD DNR Park Equity)

## Habitat Connectivity

- Audubon Important Bird Areas
- Maryland Trout Watersheds
- Tier II Watersheds
- Wetlands (NWI)
- Targeted Ecological Areas
- Hubs and Corridors (Maryland HCN 2024)
- Seymour B. Cooper, Fred Archibald, and Audrey Carroll Audubon Sanctuaries
- Catoctin Creek, Little Catoctin Creek, Tuscarora Creek, Glade Run, Big Hunting Creek, Owens Creek, Ballenger Creek, Potomac River, Monocacy River
- Sugarloaf Mountain (Stronghold), Lake Linganore, Lake Marion, Lake Merle, Lake Anita Louise, Lilypons Water Gardens

## Outdoor Rec. and Edu.

- County Designated Bikeways & Trails
- Parks (Federal, State, County)
- Environmental Education Facilities

## Climate Change

- FEMA 100-Yr Floodplain
- Pluvial Floodplain (2022)
- Census Tracts with <30% Tree Cover

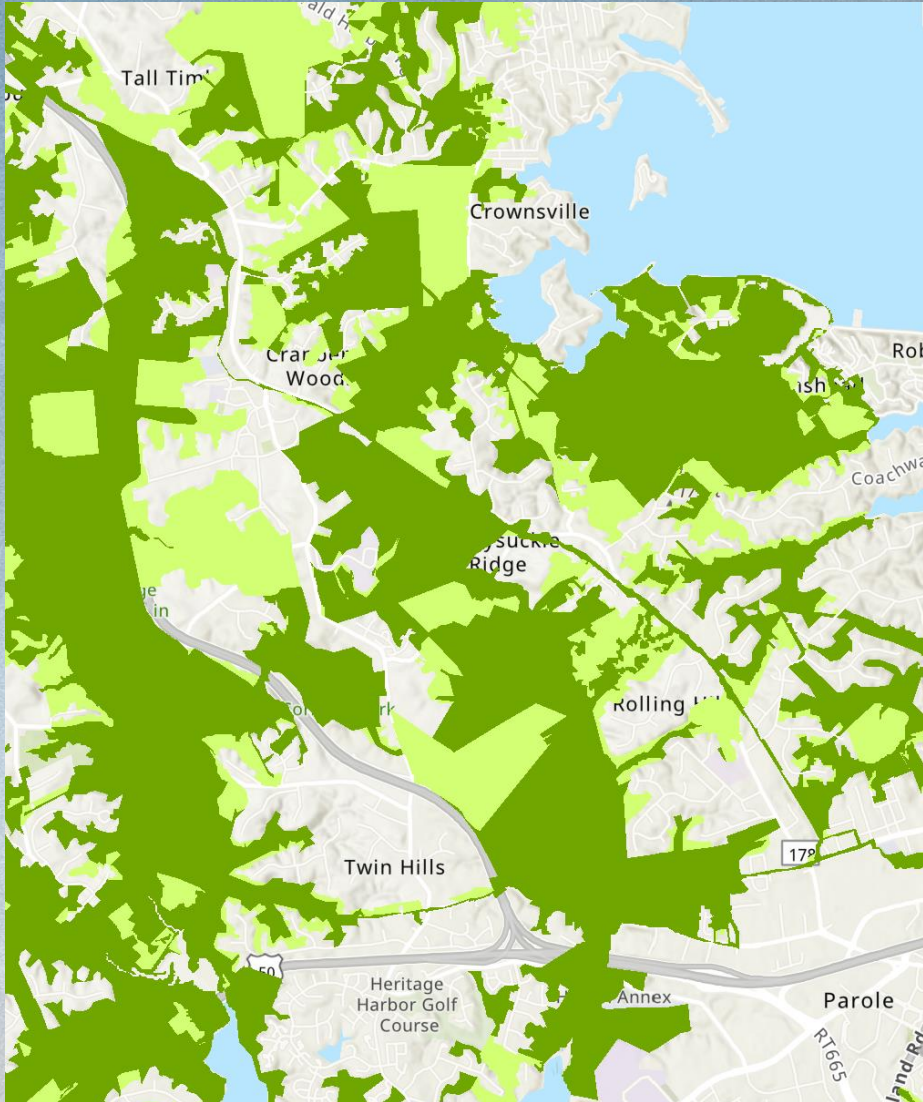


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# Green Infrastructure Network Mapping – “The Network”



<https://www.aacounty.org/planning-and-zoning/community-planning/green-infrastructure-master-plan>

- Final map to be developed for the Green Infrastructure Network
- Combine the subsectors in whole (or in part) with a single map symbol to create the network
- Significant expansion those lands identified as/for “green infrastructure” in Frederick County
- Second map symbol to depict those lands subject to some type of protection
- Mechanism for tracking implementation



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# Discussion – Green Infrastructure Plan Outline

- Expanded from Advisory Group Meeting #4
  - Added Full List of Topics
  - Added Frequently Used Terms
  - Added Potential Topics for Recommendations
  - Added List of Appendices
- Would welcome comments or questions during today's meeting or following the meeting via email, etc.



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# Next Steps for the Green Infrastructure Plan

- Development of Draft Document
  - Chapters 1 & 2
  - Chapters 3 & 4
  - Chapter 5 & Appendices
- Planning Commission Workshops
  - Dates and times to be determined
  - Staff to share drafts/notice with the Advisory Group when published
- 60-Day Review
- Planning Commission Hearing
- Referral to County Council



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# Adjournment – Thank You All!

Please submit feedback or questions to:

Staff Contact: Andrew Stine, Livable Frederick Principal Planner II

Phone: (301) 600-1485

Email: [AStine@FrederickCountyMD.gov](mailto:AStine@FrederickCountyMD.gov)

We look forward to hearing from you!

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