COLLABORATIVE VISIONING

in partnership with:

Greater Baybrook Alliance

Greater Baltimore Wilderness Coalition

Maryland Department of Natural Resources

EnviroCollab
Landscape Architecture + Planning

CityScape Engineering
Water Resources Engineering

University of Maryland, College Park
Landscape Architecture Program

Greater Baybrook Blue-Green Master Plan

Pilot Project Site Selection

Website: https://bit.ly/gb-blue-green

This project is supported by a grant from the **National Fish and Wildlife Foundation.**

The views and conclusions contained in this document are those of the authors and should not be interpreted as representing the opinions of the National Fish and Wildlife Foundation or its funding sources. Mention of trade names or commercial products does not constitute their endorsement by the National Fish and Wildlife Foundation or its funding sources.

Goals for the Blue-Green Master Plan

Improve Water Quality

Connect the Community to Green Resources

Increase Environmental & Community Resilience

Enhance the Quality of Life

The Greater Baybrook Blue-Green Master Plan is a community-led effort to better connect the Brooklyn Park, Brooklyn, and Curtis Bay neighborhoods to each other and to the many green resources found within the Patapsco/Back River basin. Rebuilding native ecosystems and enhancing neighborhood green spaces will provide more opportunities for recreational activities and a cleaner environment to live and work in.

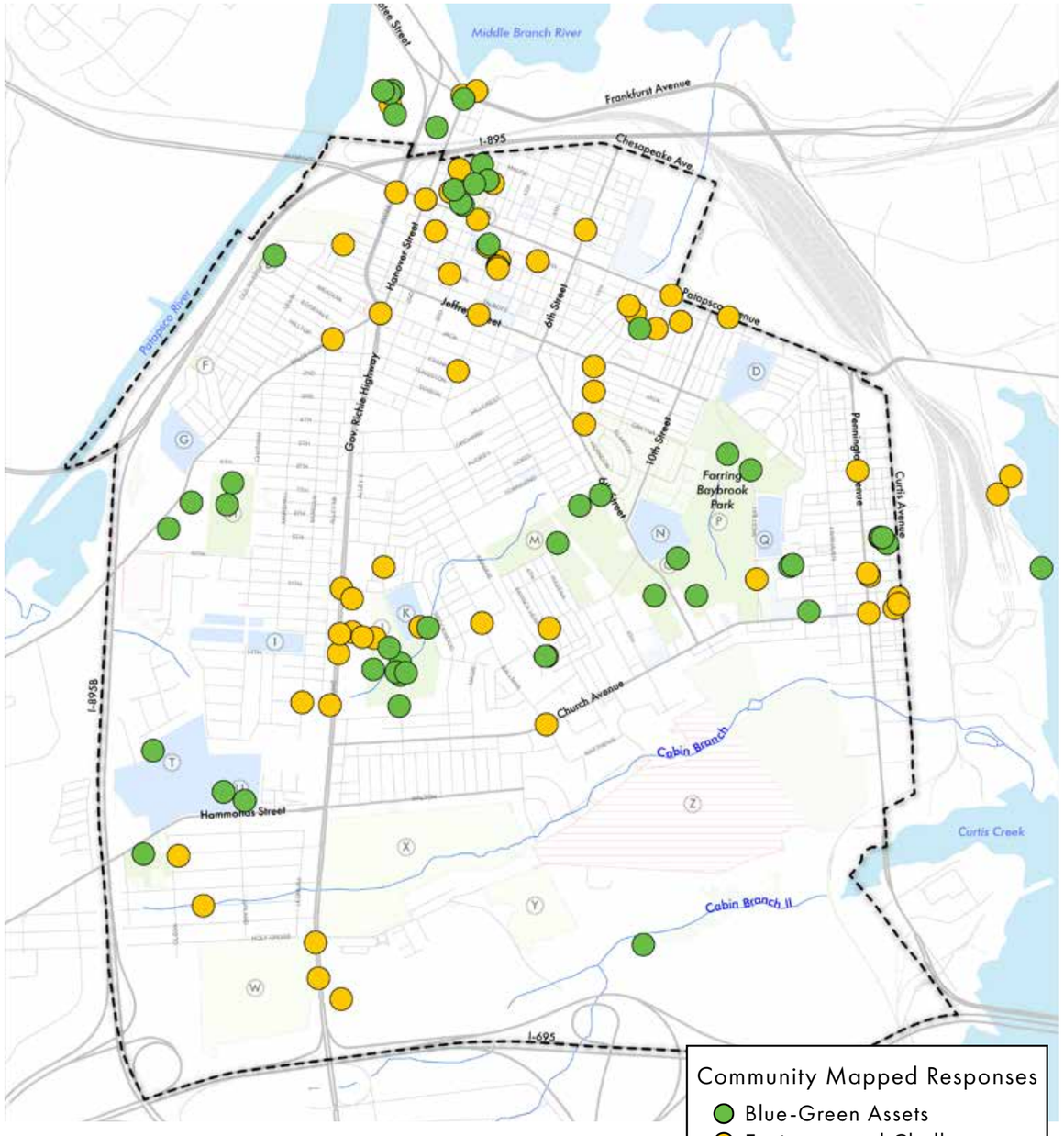
A healthier environment means a happier and healthier community!

The Blue-Green Master Plan will identify:

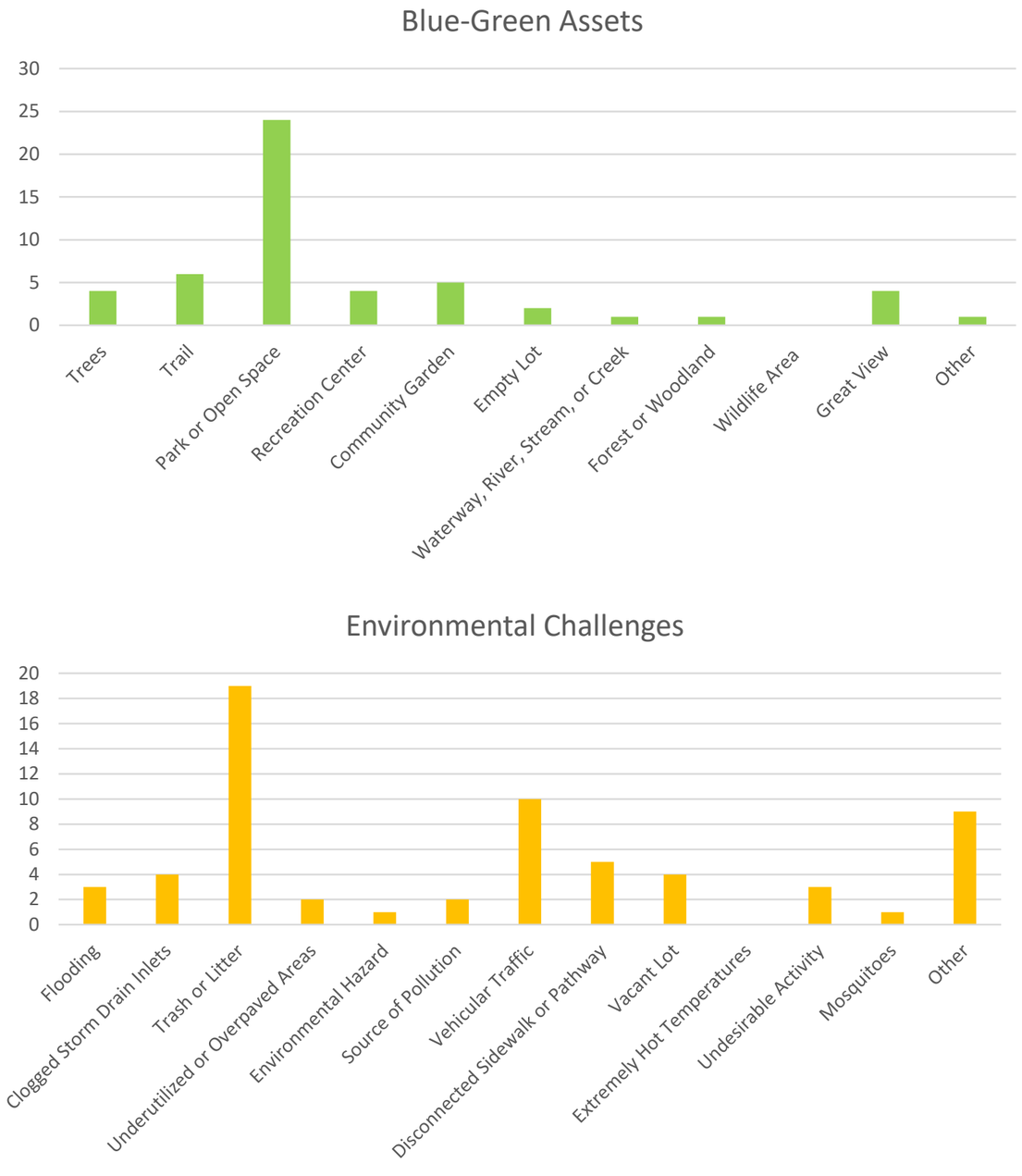
- Potential greenways
- Open space interventions
- Connection or development of blue-green resources
- Runoff mitigation strategies
- Phased implementation strategy
- 2 pilot project sites for design, to kick off master plan implementation

COMMUNITY OUTREACH: PROJECT WEBSITE AND COMMUNITY SURVEY

PUBLIC INPUT THROUGH A COMMUNITY SURVEY (IN-PERSON AND ONLINE)



Survey Responses

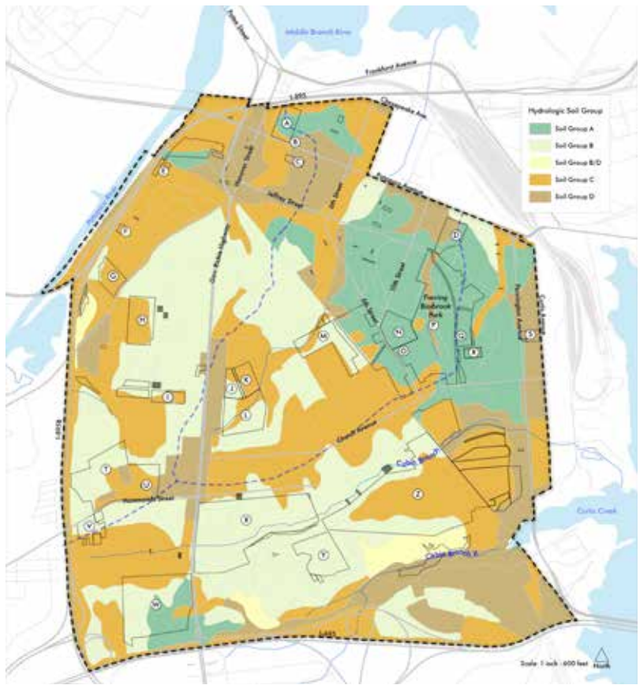


Website Address: https://bit.ly/gb-blue-green

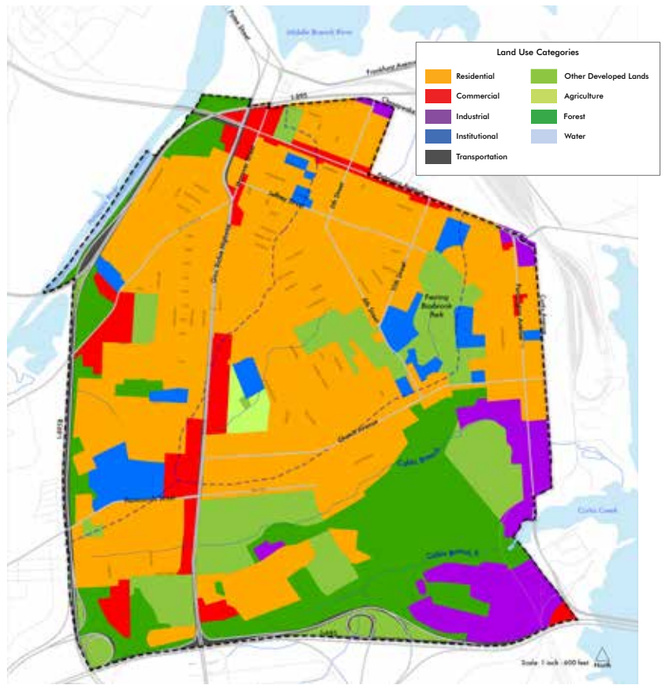
COMMUNITY ANALYSIS: SUITABILITY CRITERIA FOR BLUE-GREEN PROJECT SITES

WATERSHED ANALYSIS

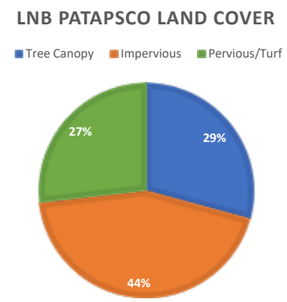
Subwatershed Drainage & Health

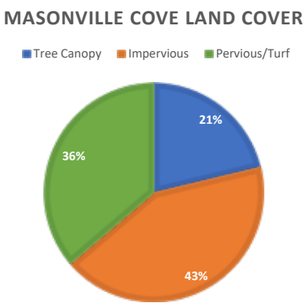


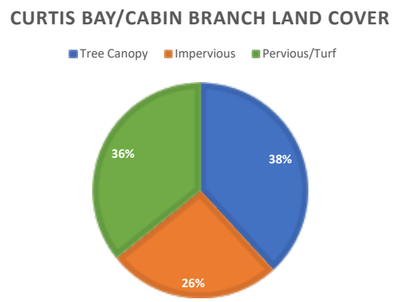
Hydrologic Soil Groups



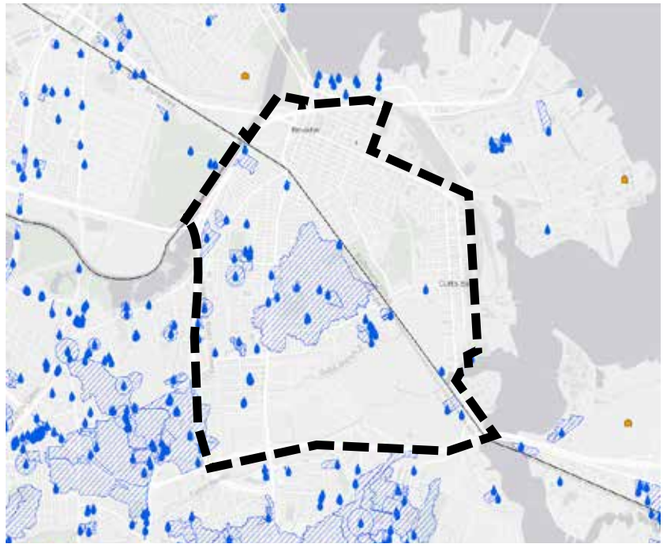
Land Uses







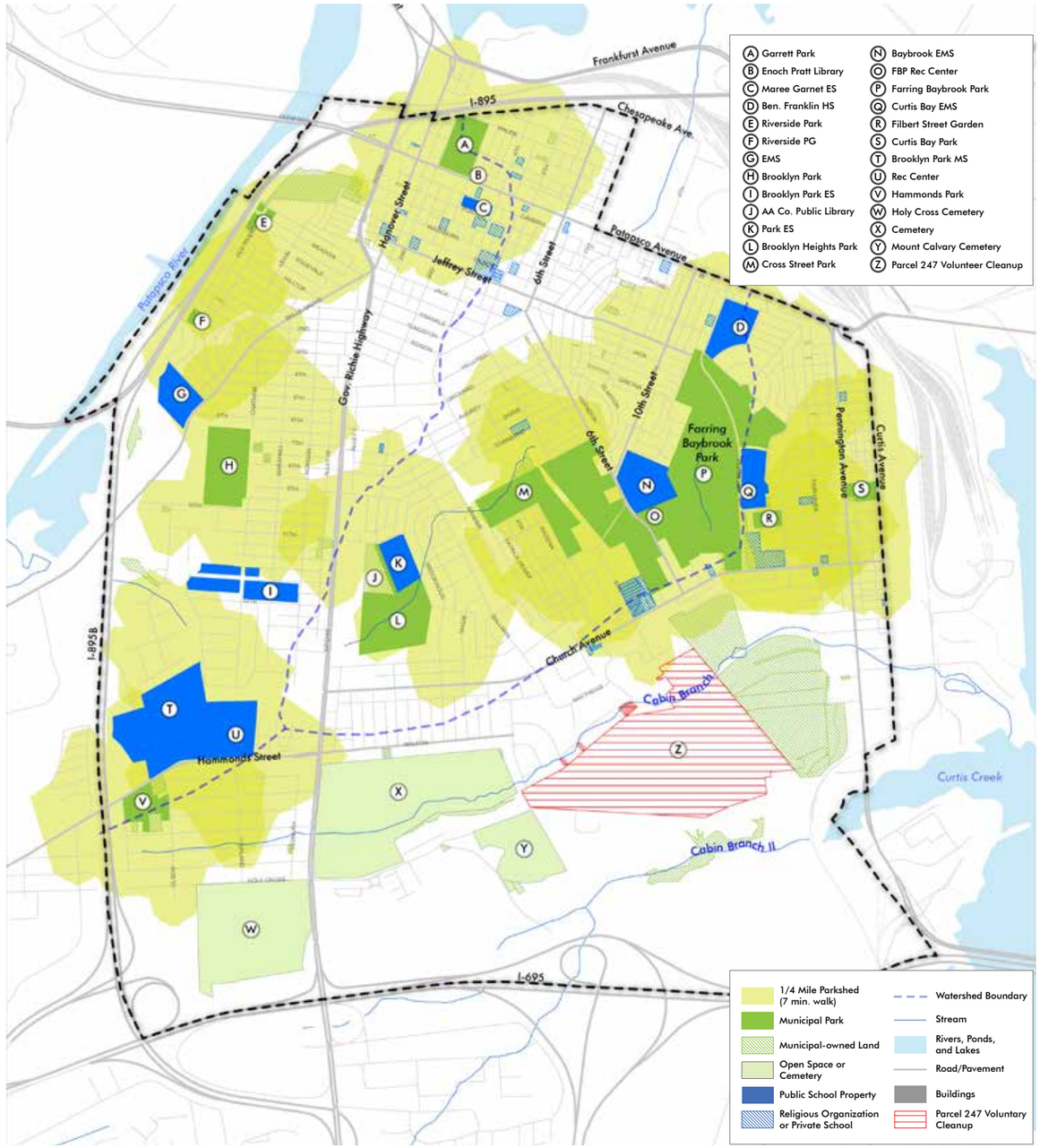
Land Cover



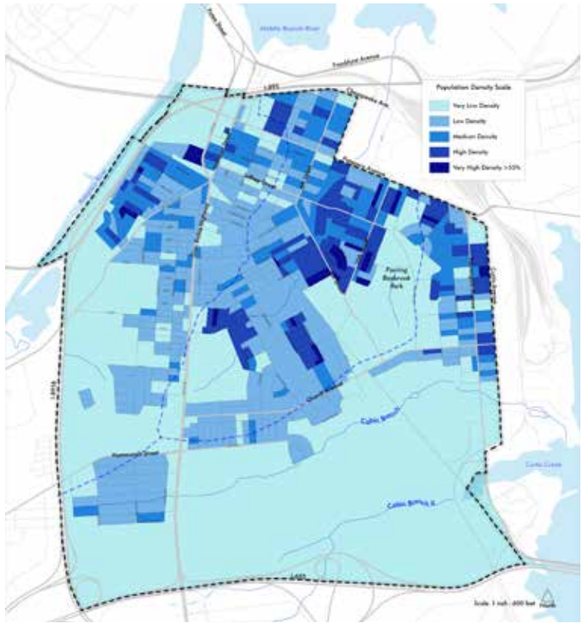
Existing BMP Locations

COMMUNITY ANALYSIS: SUITABILITY CRITERIA FOR BLUE-GREEN PROJECT SITES

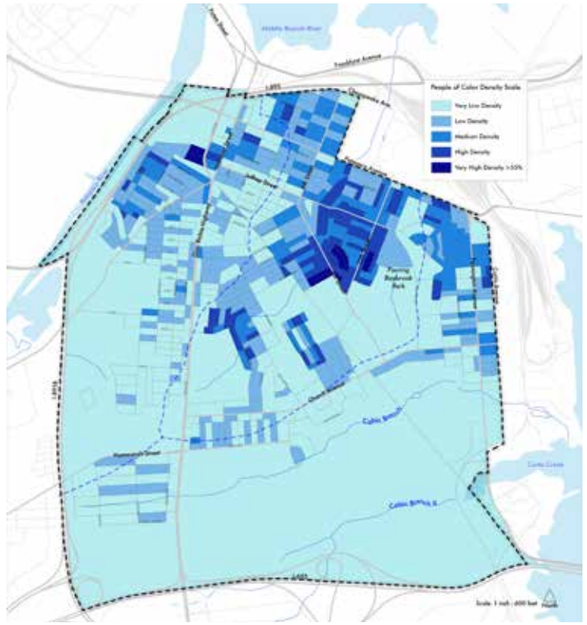
GREEN SPACE ACCESSIBILITY ANALYSIS



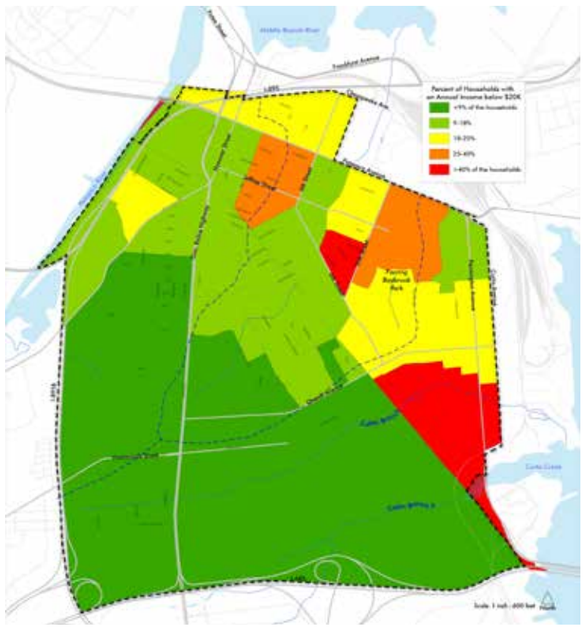
POPULATION ANALYSIS



Population Density

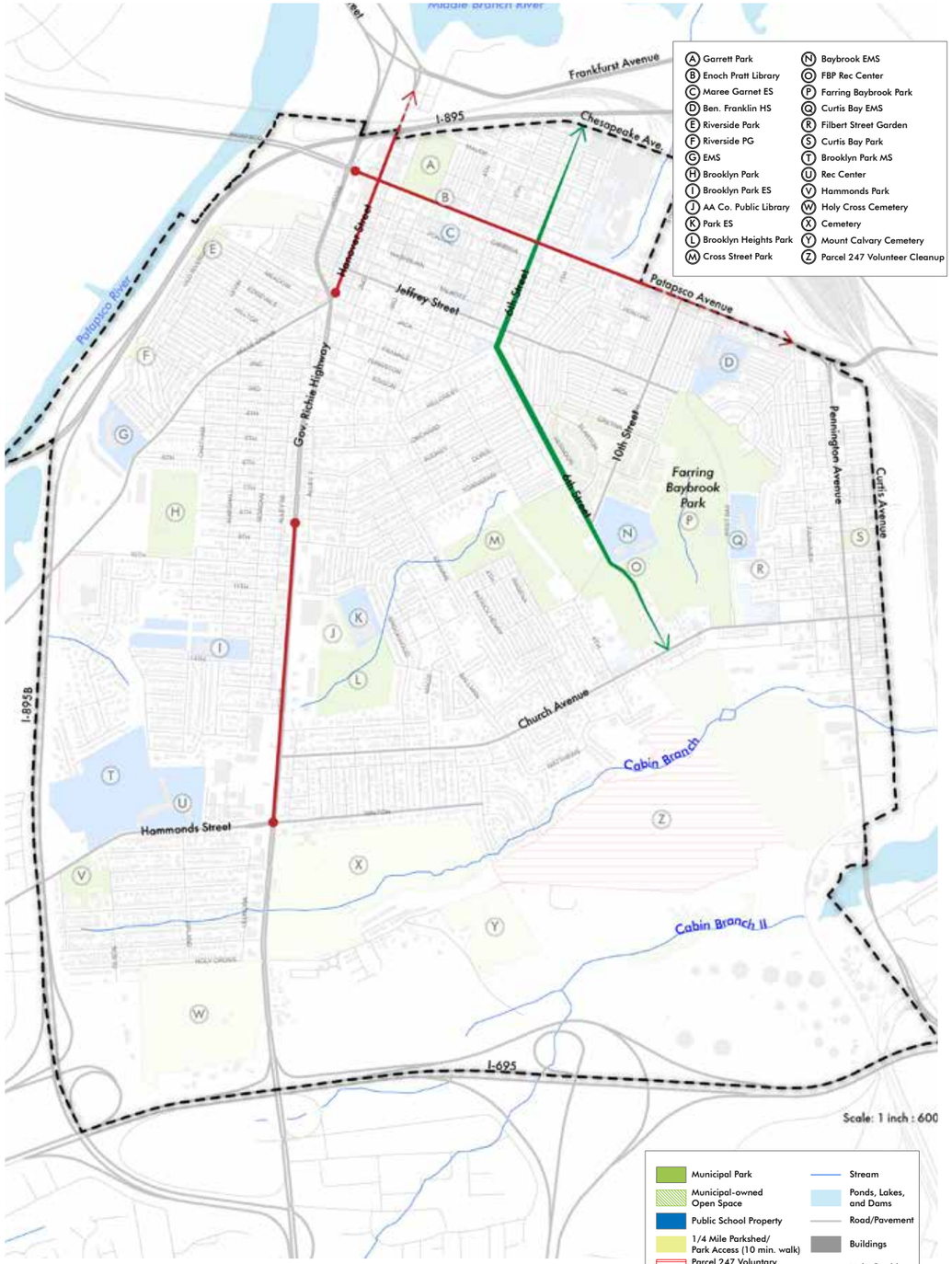


People of Color Population Density



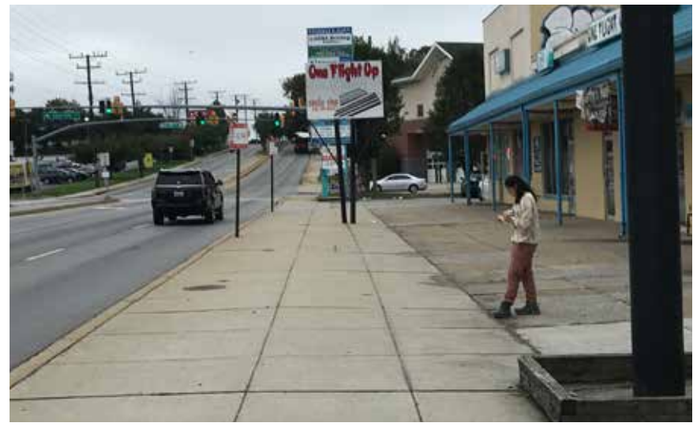
Percentage of Households with Annual Incomes below $20,000

COMMUNITY ANALYSIS: DESIGN TEAM SITE VISITS



Expanding existing green spaces

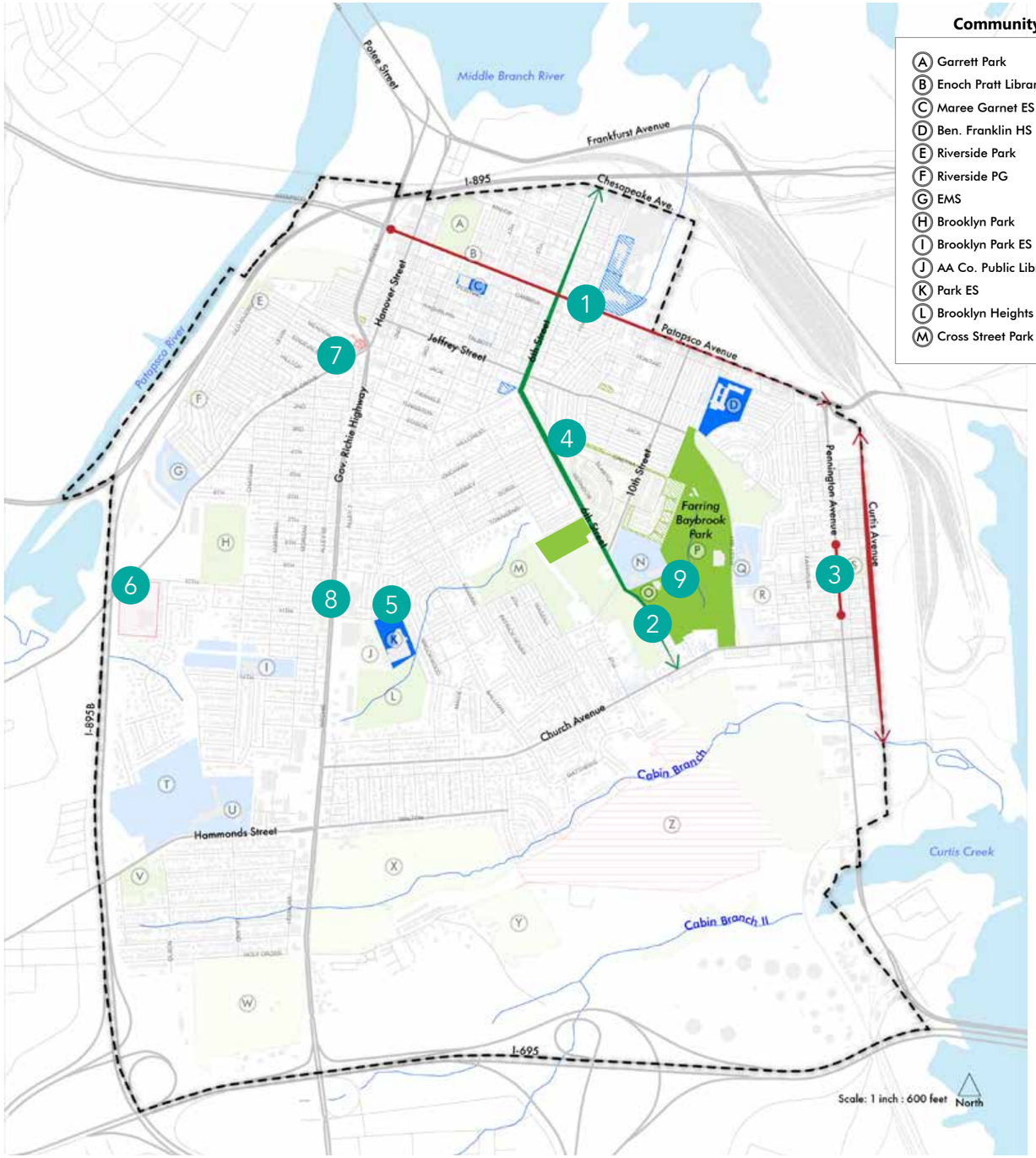
Creating greenways within residential areas



Enhancing commercial and retail frontages with green infrastructure

Using green infrastructure to improve pedestrian safety and traffic calming within the right-of-way

POTENTIAL PILOT SITES: 9 SITES OF VARIOUS LAND USES



Community Landmarks for Reference

- (A) Garrett Park
- (B) Enoch Pratt Library
- (C) Maree Garnet ES
- (D) Ben. Franklin HS
- (E) Riverside Park
- (F) Riverside PG
- (G) EMS
- (H) Brooklyn Park
- (I) Brooklyn Park ES
- (J) AA Co. Public Library
- (K) Park ES
- (L) Brooklyn Heights Park
- (M) Cross Street Park
- (N) Baybrook EMS
- (O) FBP Rec Center
- (P) Farring Baybrook Park
- (Q) Curtis Bay EMS
- (R) Filbert Street Garden
- (S) Curtis Bay Park
- (T) Brooklyn Park MS
- (U) Rec Center
- (V) Hammonds Park
- (W) Holy Cross Cemetery
- (X) Cemetery
- (Y) Mount Calvary Cemetery
- (Z) Parcel 247 Volunteer Cleanup

LAND USE CATEGORIES

CORRIDORS & RIGHTS-OF-WAY

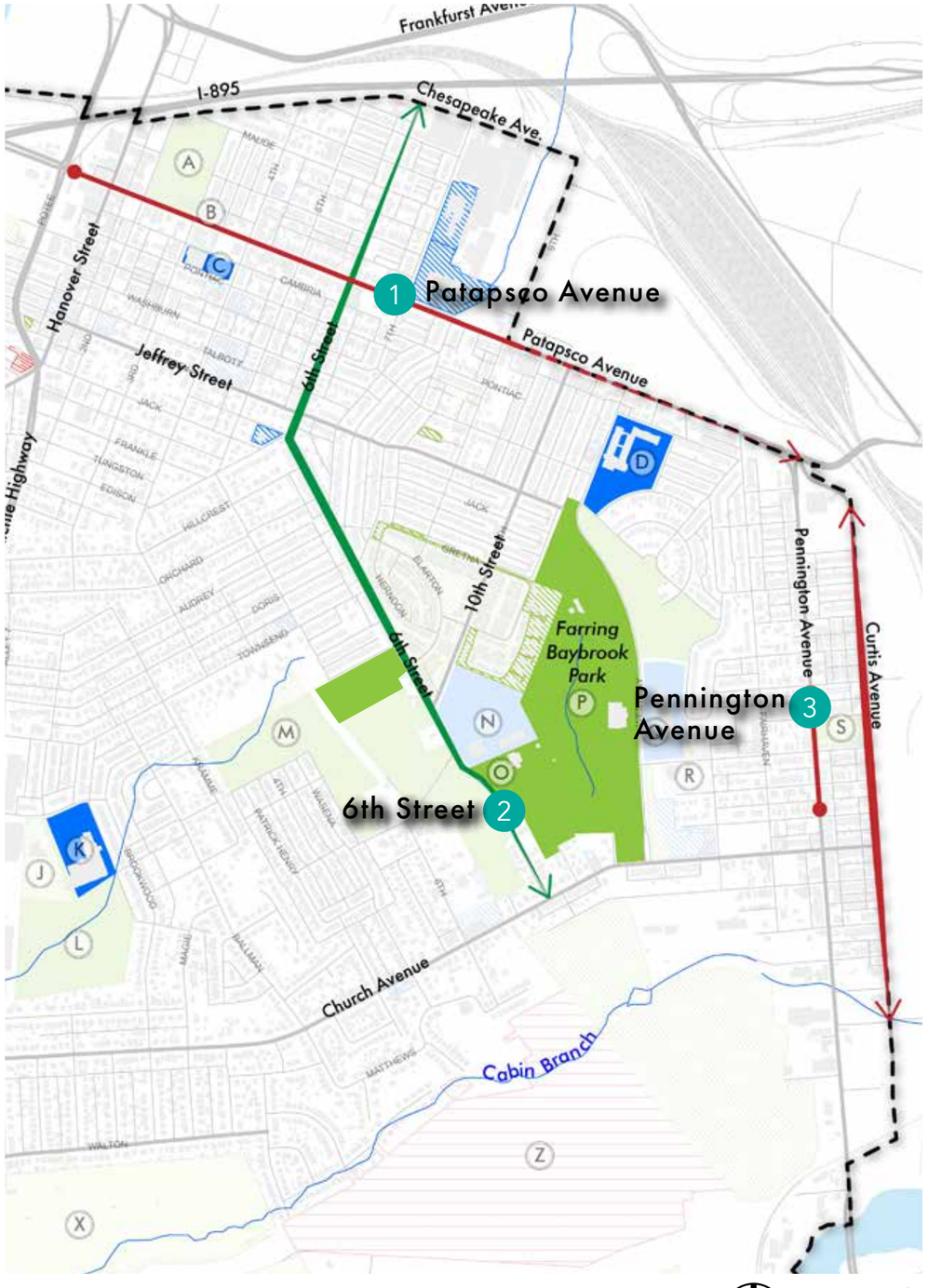
VACANT LOTS

EDUCATIONAL FACILITIES

PRIVATE PROPERTIES

CONSERVATION & RESTORATION AREAS

POTENTIAL PILOT SITES: CORRIDORS & RIGHTS-OF-WAY



Not to Scale

Patapsco Avenue

Address: *Patapsco Ave. from Potee St. to Curtis Ave.*

Project Size: *~1.27 miles*

Project Partners: *Baltimore City Department of Transportation, Baltimore City Department of Public Works, Enoch Pratt Free Library, Baltimore City Recreation and Parks, businesses and merchants along the corridor*

Potential Green Infrastructure: *Impervious surface removal, SWM bumpouts, bioretention medians, conservation landscaping, tree planting, sidewalk expansion/connections*

Pros: *Main street corridor, adjacent to various property types (commercial, residential, park/open space, library/public institutions), highly visible and active corridor*

Cons: *Need to get in early with discussions with DOT*

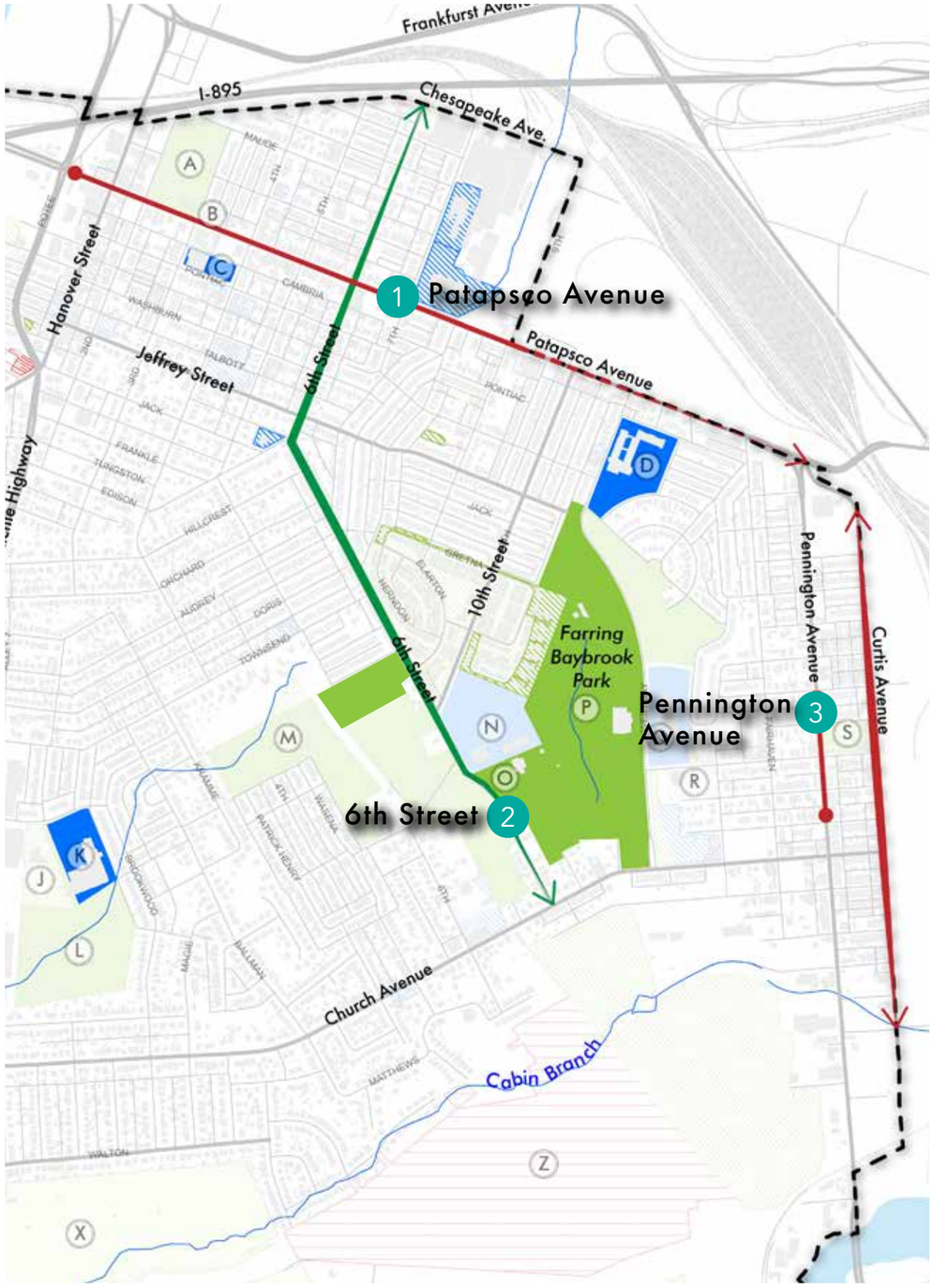
Green Stormwater Infrastructure Examples

Bioretention Median

Stormwater Bumpouts

Sidewalk Expansions/Connections

POTENTIAL PILOT SITES: CORRIDORS & RIGHTS-OF-WAY



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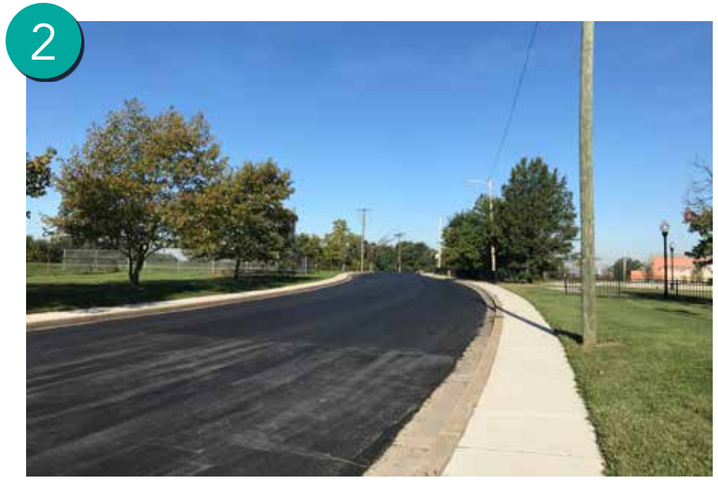


3

6th Street

Address: *6th St. from Chesapeake Ave. to Church St.*

Project Size: *~1.43 miles*

Potential Green Infrastructure: *Impervious surface removal, SWM bumpouts, bioretention medians, conservation landscaping, tree planting, trail/shared use path*

Pros: *Centrally located corridor, adjacent to various property types (park/open space, residential, public housing, commercial, religious), identified as in-need of public safety interventions*

Cons: *Limited ROW within parts of the corridor, overhead utilities are not consistently located*

Pennington Avenue

Address: *Pennington Ave. from Locust St. to Cypress St.*

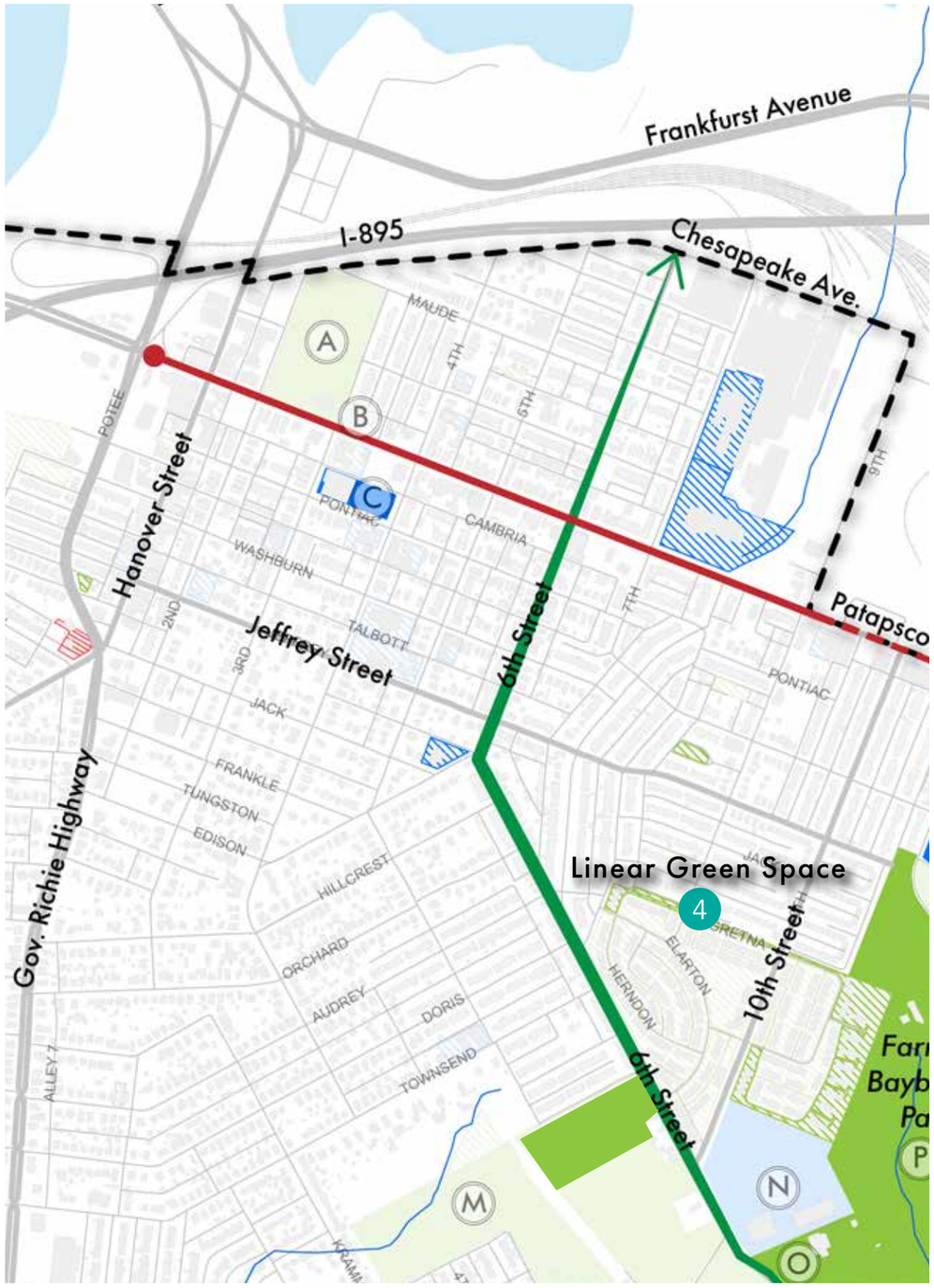
Project Size: *~0.2 miles*

Potential Green Infrastructure: *Impervious surface removal, SWM bumpouts, conservation landscaping, tree planting, sidewalk expansion/connections*

Pros: *Adjacant to various property types*

Cons: *Need to get in early with discussions with DOT*

POTENTIAL PILOT SITES: VACANT LOTS



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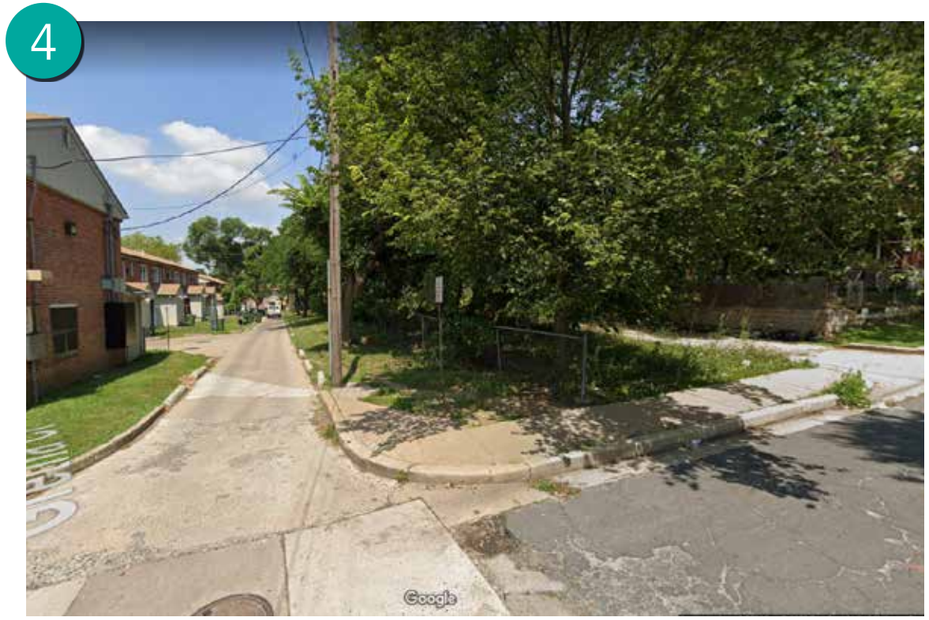


Vacant Lot/Linear Green Space

Address: *800 block, green parcel along Gretna Ct.*

Project Size: *~64,500 sf (1.48 acres)*

Project Partners: *Baltimore City Department of Transportation, Baltimore City Department of Public Works, Baltimore City Housing Authority, Brooklyn Homes Housing*

Potential Green Infrastructure: *Greenway, bioretention facilities, conservation landscaping, tree planting*

Pros: *Several green blocks connected along residential area, can accommodate large-scale BMP's, possible trail connection to Farring-Baybrook*

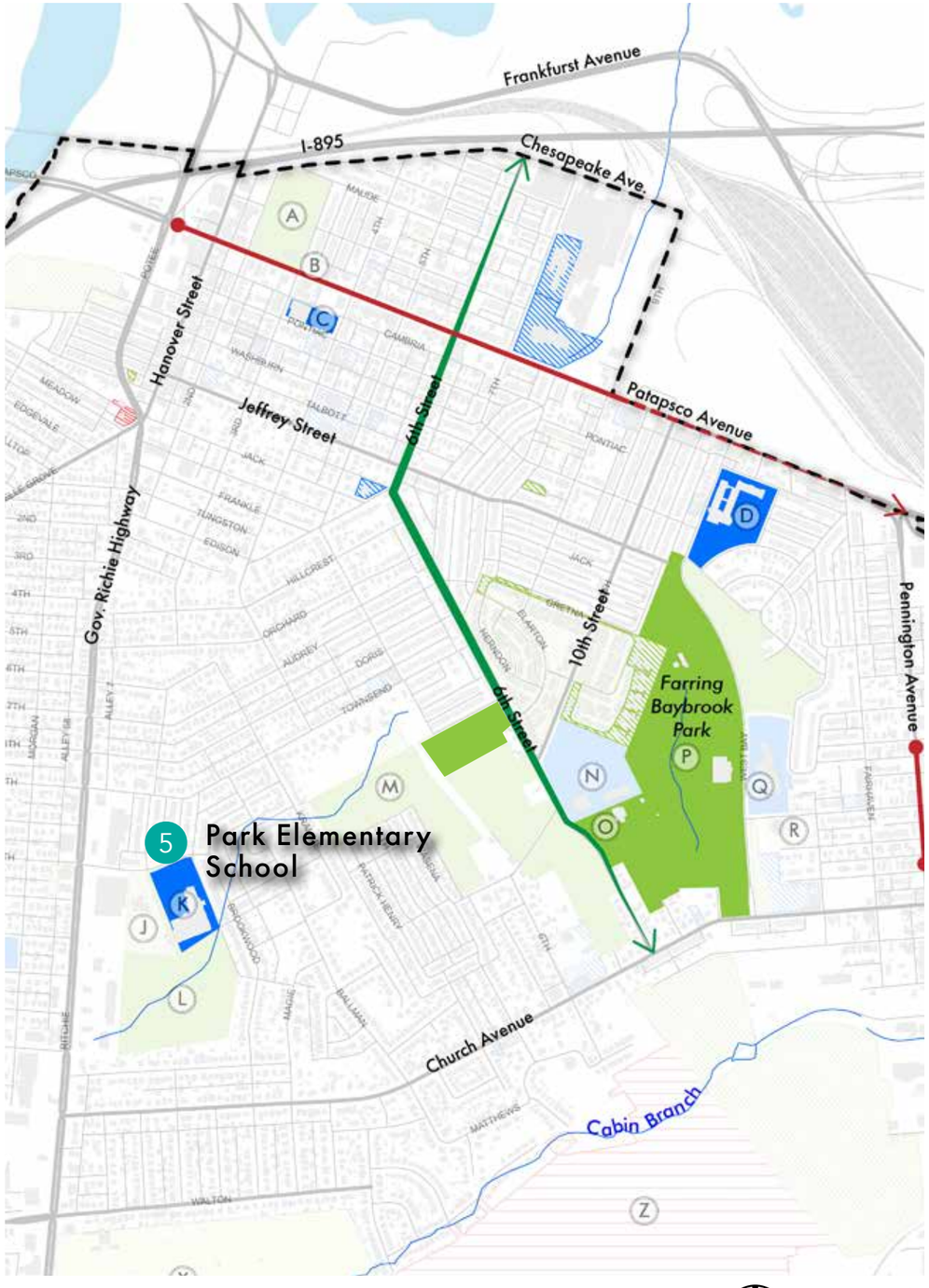
Cons: *One of the blocks is privately owned, will need to get in early with discussions with Baltimore City Housing Authority*

Green Stormwater Infrastructure Examples

Greenway & Trail

Conservation Landscaping & Tree Planting

POTENTIAL PILOT SITES: EDUCATIONAL FACILITIES



Not to Scale

Park Elementary School

Address: *201 E 11th Ave.*

Project Size: *~261,400 sf (6.0 acres)*

Potential Green Infrastructure: *Impervious surface removal, conservation landscaping, tree planting, bioretention*

Pros: *Community hub, education center, adjacent to public library, highly visible to surrounding community, area that can accommodate large-scale BMP's, address crime and litter issues adjacent to school*

Cons: *need to get in early with discussions with Anne Arundel County Public Schools Department of Planning, Design and Construction*

Green Stormwater Infrastructure Examples

Bioretention Facilities

Permeable Paving & Conservation Landscaping

POTENTIAL PILOT SITES: PRIVATE PROPERTIES

Bingo World

Address: *4901 Belle Grove Rd.*

Project Size: *~401,700 sf (9.22 acres)*

Project Partners: *Bingo World owner(s), Anne Arundel County Department of Public Works*

Potential Green Infrastructure: *Impervious surface removal, bioretention, conservation landscaping, tree planting*

Pros: *large area that can accommodate large-scale BMP's*

Cons: *private property, not publicly accessible, not centrally located*

Green Stormwater Infrastructure Examples

Bioretention Parking Islands & Tree Plantings

Impervious Surface Removal & Conservation Landscaping

Permeable Paving

POTENTIAL PILOT SITES: PRIVATE PROPERTIES

7

Shaggy's Used Tires

Address: *4000 Belle Grove Rd.*

Project Size: *~20,900 sf (0.48 acres)*

Potential Green Infrastructure: *Impervious surface removal, conservation landscaping, tree planting, bioretention*

Pros: *Highly visible at main street intersection of Richie Highway, Potee Street, and Hanover Street*

Cons: *Private property, not publicly accessible*

8

Strip Mall at 5026 Gov. Ritchie Highway

Address: *5026 Gov. Ritchie Hwy.*

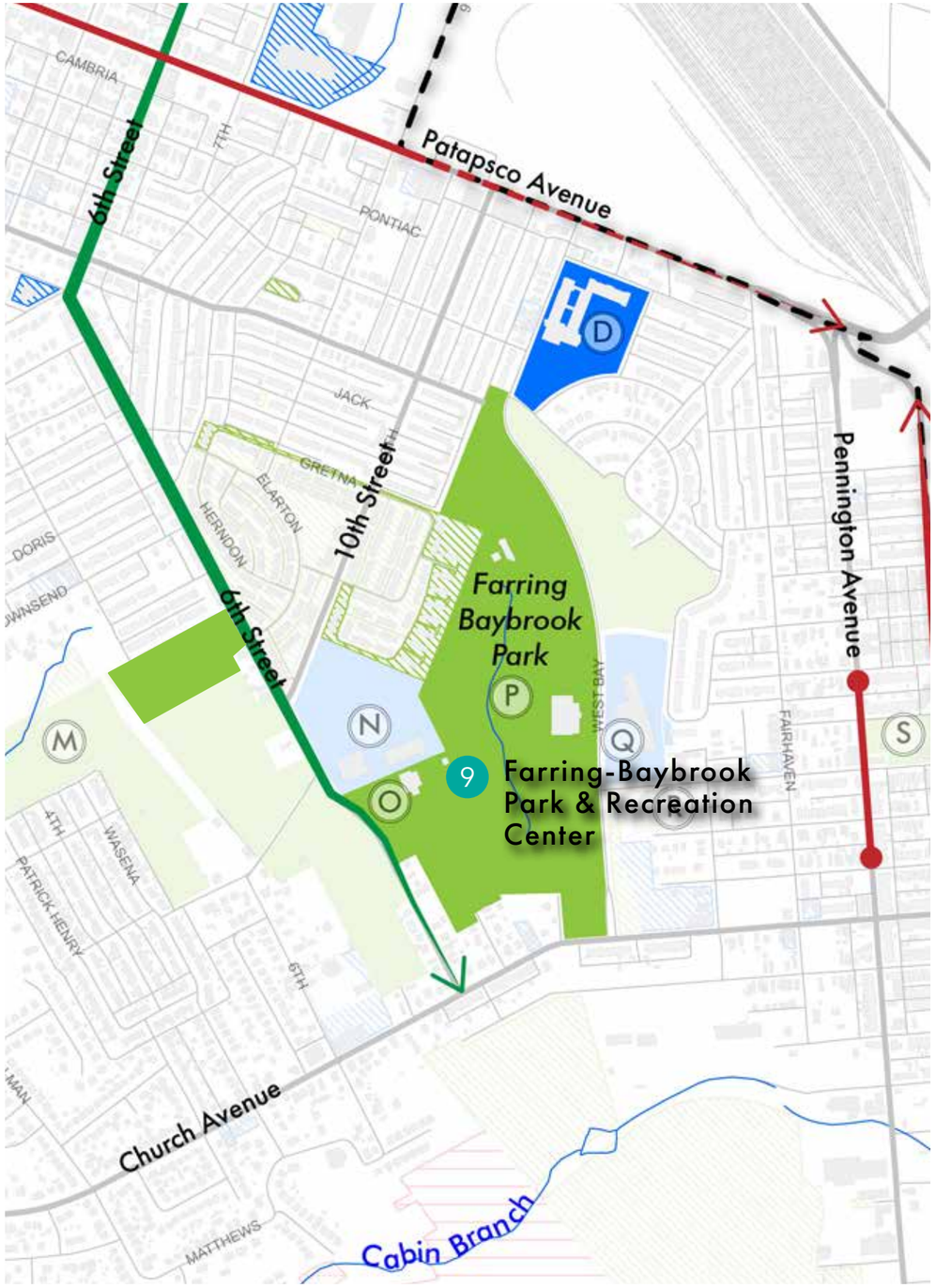
Project Size: *~32,177 sf (0.74 acres)*

Potential Green Infrastructure: *Conservation landscaping, tree planting, impervious surface removal, bioretention planters, green roof*

Pros: *Main street corridor, adjacent to commercial property, highly visible and active corridor*

Cons: *need to get in early with discussions with AADOT and EZ Associates (PO)*

POTENTIAL PILOT SITES: RESTORATION & CONSERVATION AREAS



Not to Scale

9

Farring-Baybrook Park and Recreation Center

Address: *4501 Farring Ct.*

Project Size: *~1,210,000 sf (27.77 acres)*

Project Partners: *Baltimore City Department of Recreation and Parks, Baltimore City Department of Public Works*

Potential Green Infrastructure: *Stream restoration, reforestation, trail/shared use path, tree planting, conservation landscaping, environmental teaching center*

Pros: *Highlight existing natural park features, publicly accessible, centrally located, community hub, education and recreation center*

Cons: *Existing green space, relatively updated open space adjacent to rec center*

Green Stormwater Infrastructure Examples

Stream Restoration

Meadow Restoration

Conservation Landscaping & Environmental Education

- WHICH PILOT PROJECT SITES DO THE GBA STEERING COMMITTEE & COMMUNITY MEMBERS WANT TO SEE BUILT FIRST?

FILL OUT THE SURVEY! (HTTPS://BIT.LY/GB-BLUE-GREEN)

- GBA & PROJECT CONSULTANTS TO WEIGH MOST POPULAR CHOICES AND SELECT 3-4 POTENTIAL PILOT SITES TO VISIT.

- GBA & PROJECT CONSULTANTS TO SELECT 2 PILOT SITES FOR DESIGN.

- COMMUNITY OUTREACH TO CONTINUE IN THE SPRING WITH PUBLIC INPUT ON THE DESIGN OF THE 2 PILOT SITES.