

Biking in the Port Towns



Team

Andrew Friel, Paige Goldscher, Cristian
Ortiz, Jen Solan, Jacob Sorensen





Agenda

Background

Research Questions

Methodologies

Findings

- Interviews with Bikers

- Focus Group with Residents

- Supplemental Interviews

Recommendations

Background

In partnership with the The Maryland-National Capital Park and Planning Commission

to engage women and people of color in biking as transportation

to examine the association between biking and gentrification in the Port Towns



UNIVERSITY OF
MARYLAND

**FEARLESSLY
FORWARD**

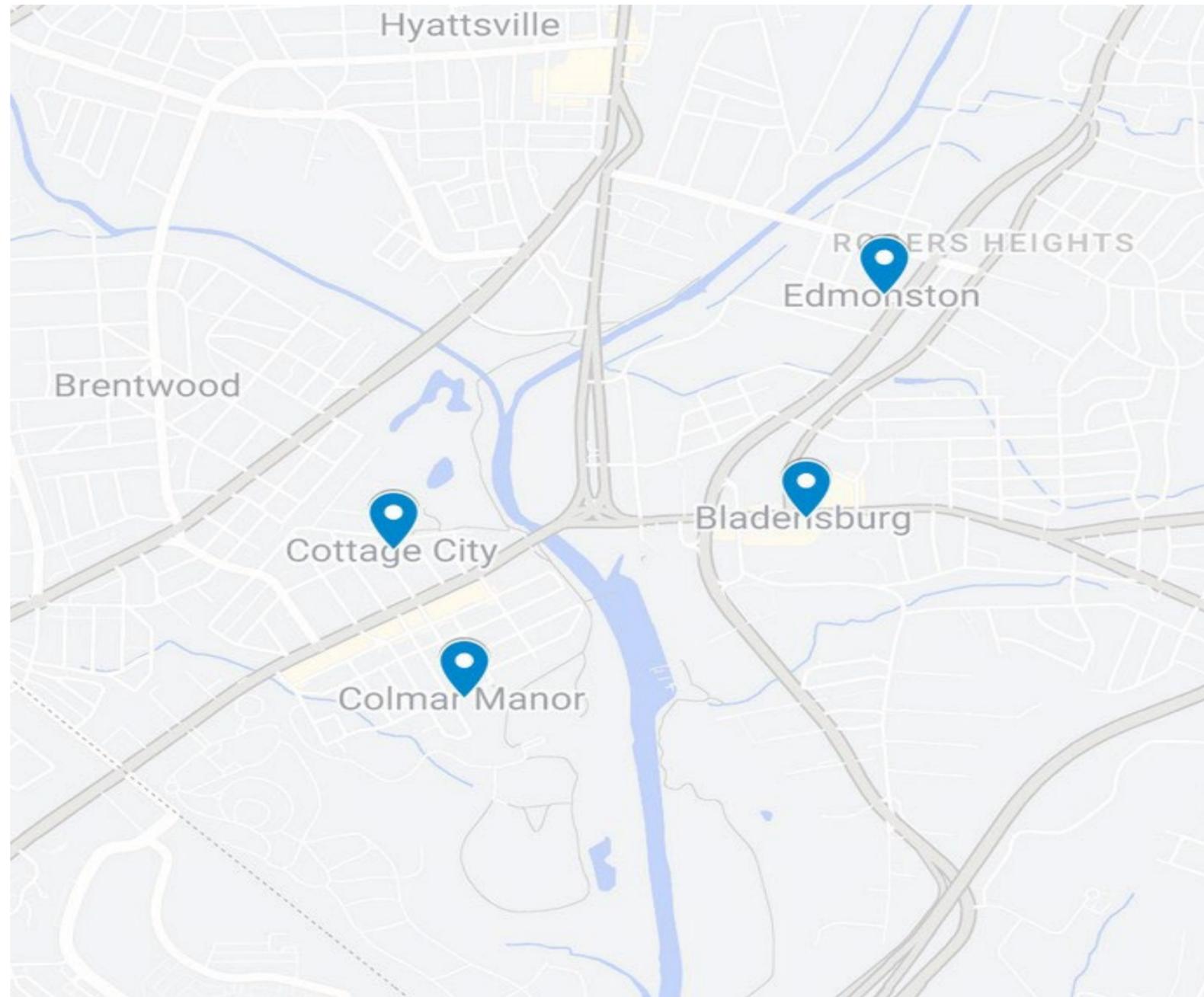


live more, play more

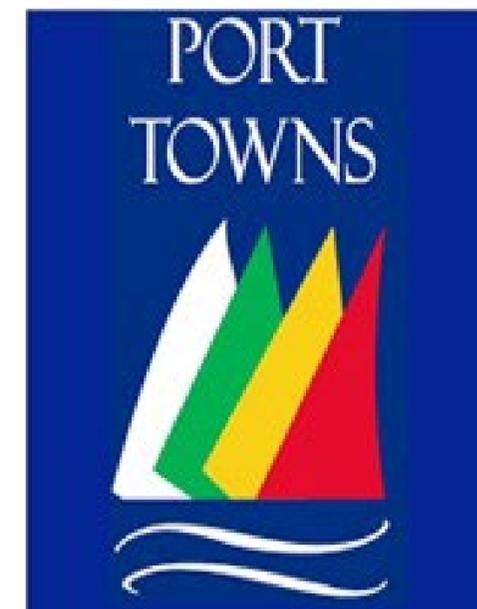
pgparks.com



The Port Towns



Bladensburg
Colmar Manor
Cottage City
Edmonston





Research Questions

What barriers limit the accessibility of biking in the Port Towns?

How are development, gentrification, and biking perceived by residents in the Port Towns?

Problem Definition

Barriers to equitable access to biking include

Lack of adequate bike infrastructure

Biking culture focused on intense cyclists

Missing connection between existing bike paths

Affordability



Methodologies

Secondary Research

Current biking infrastructure

Connectivity

Safety

Bikeways and gentrification

Significance of community outreach



UNIVERSITY OF
MARYLAND

**FEARLESSLY
FORWARD**



Methodologies

Primary Research

Interview with biking group member

Focus group with Port Towns residents

Interviews with elected officials

Interviews at the Bladensburg Waterfront Park



Bikers' Perceptions

Want more connections to new development around them

Biking is a great way of disconnecting from normal life & getting exercise

Current infrastructure fails to connect communities & is not welcoming or safe



UNIVERSITY OF
MARYLAND

**FEARLESSLY
FORWARD**

Photo: M-NCPPC



Residents' Perceptions



Increased
vehicle
traffic



Displacement
from cost of
housing



Diverse racial
demographics



Unsafe biking
conditions



UNIVERSITY OF
MARYLAND

**FEARLESSLY
FORWARD**



Supplemental Interviews

**Hyattsville
Resident**

Focus on Seniors &
Biking culture

**Bladensburg
Council Member**
Feasibility

**Upper Marlboro
Resident**

Gentrification &
Socioeconomic
change



UNIVERSITY OF
MARYLAND

**FEARLESSLY
FORWARD**



Discussion



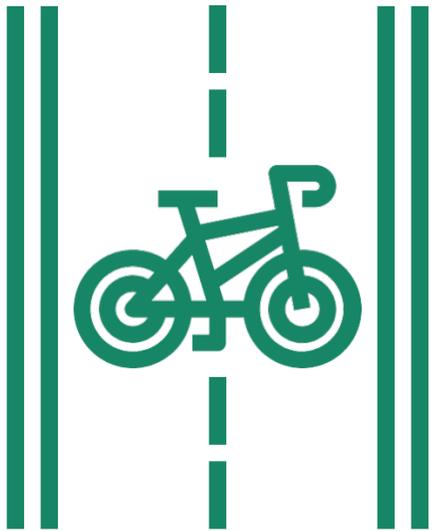
Safety is a major concern



Concern about **housing costs** impacting neighborhood demographics



Developments and neighborhoods are **disconnected**



Residents want more **bikeways & bike-conscious development**



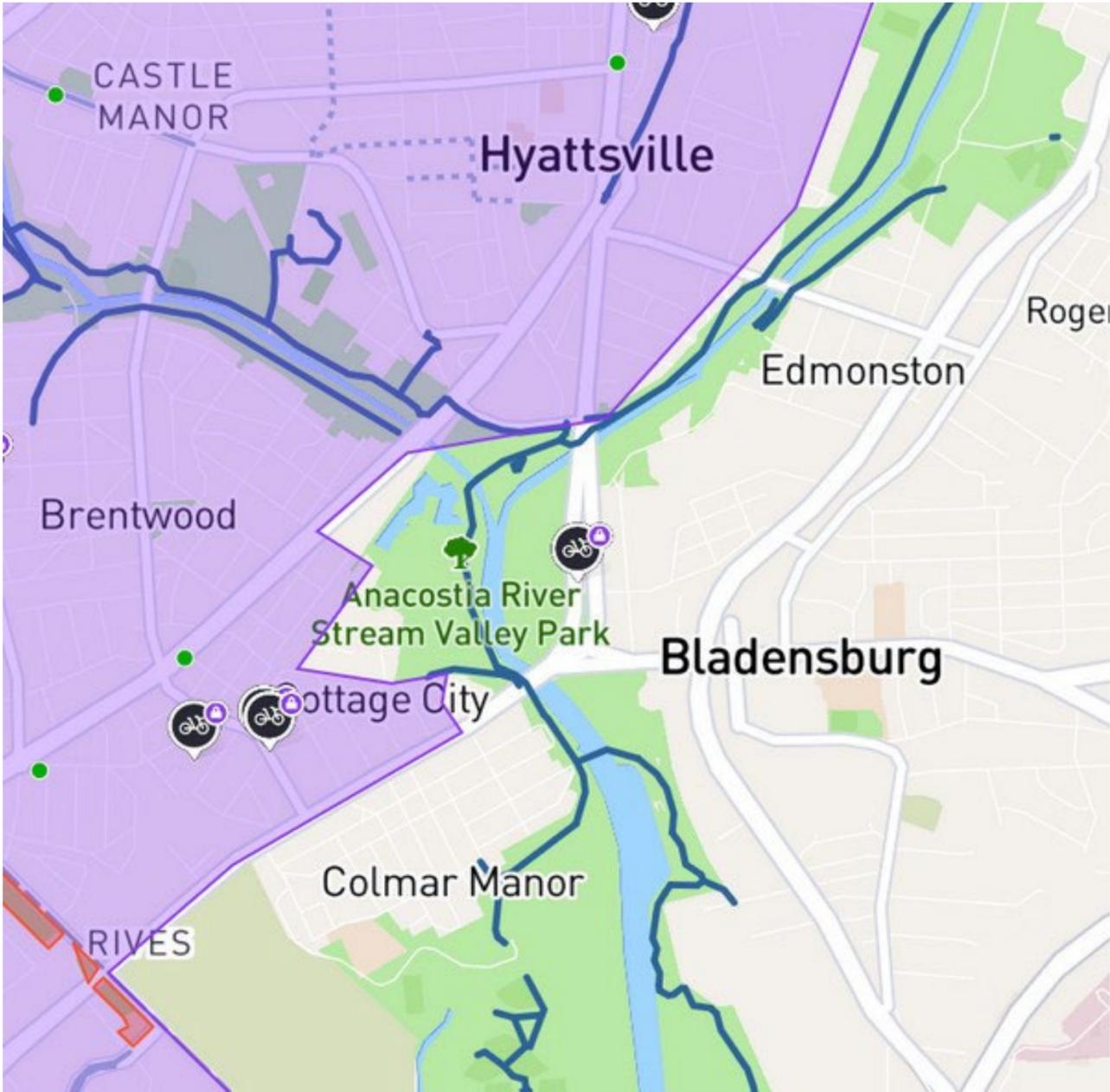
Recommendations

Require Mixed-Use
Developments



Recommendations

Expand
Capital Bikeshare



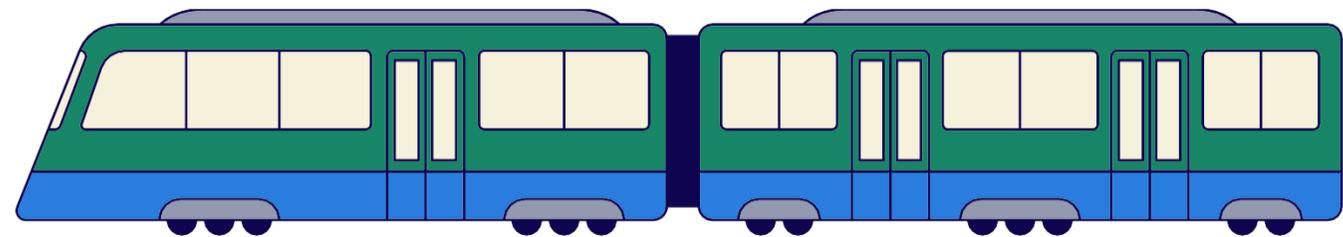
Recommendations

Implement Bike Safety
courses
at Prince George's County
Public Schools



Recommendations

Require Green Travel Plans
for Major Employers



UNIVERSITY OF
MARYLAND

**FEARLESSLY
FORWARD**



Recommendations

Pursue
Safe Streets for All
Grant

S | S
— | —
4 | A



UNIVERSITY OF
MARYLAND

**FEARLESSLY
FORWARD**



Questions?



UNIVERSITY OF
MARYLAND

**FEARLESSLY
FORWARD**

References

Fowler, S. L, Berrigan, D., Pollack, K. M. (2017). Perceived barriers to bicycling in an urban U.S. environment, *Journal of Transport & Health*, Volume 6, 2017, Pages 474–480, ISSN 2214-1405. Retrieved from: <https://bit.ly/3Sihrul>

Geraghty, Anne B., et al. "Partnership Moves Community Toward Complete Streets." *American Journal of Preventive Medicine*, vol. 37, Dec. 2009, pp. S420–27. EBSCOhost, <https://doi-org.proxy-um.researchport.umd.edu/10.1016/j.amepre.2009.09.009>.

Gibson, T., A. (2015). The rise and fall of Adrian Fenty, Mayor-Triathlete: cycling, gentrification and class politics in Washington DC, *Leisure Studies*, 34:2, 230–249, DOI: 10.1080/02614367.2013.855940, Retrieved from: <https://www-tandfonline-com.proxy-um.researchport.umd.edu/action/showCitFormats?doi=10.1080%2F02614367.2013.855940>

Hoffmann, Melody, L.. (2016). *Bike Lanes Are White Lanes : Bicycle Advocacy and Urban Planning*. University of Nebraska Press, Retrieved from: <https://web-s-ebscohost-com.proxy-um.researchport.umd.edu/ehost/ebookviewer/ebook/bmxlYmtfXzEyMzk1NTBfX0FO0?sid=5fdb7a68-4aad-4386-9c13-8665e0e6b512@redis&vid=0&format=EB&rid=1>

Inclusive Biking. (2022). PeopleForBikes. <https://www.peopleforbikes.org/topics/inclusive-biking>

J. Ivey, personal communication, September 28, 2022

Lubitow, Amy, et al. "Sustainable Cycling For All? Race and Gender-Based Bicycling Inequalities in Portland, Oregon." *City & Community*, vol. 18, no. 4, Dec. 2019, pp. 1181–202. EBSCOhost, <https://doi-org.proxy-um.researchport.umd.edu/10.1111/cico.12470>.

Malmo-Laycock, Julia. "Bypassing the Bikelash: Strategies for addressing opposition to bicycle infrastructure projects in Washington, DC." (2017).



UNIVERSITY OF
MARYLAND

**FEARLESSLY
FORWARD**



The Maryland-National Capital Park and Planning Committee. (2009). Approved Port Towns Sector Plan and Sectional Map Amendment.

The Maryland-National Capital Park and Planning Committee. (2022). Trails. Prince George's County Department of Parks and Recreation.
<https://www.pgparcs.com/3168/Trails>

Prince George's County Memorial Library System. (n.d.). Bladensburg Branch. Prince George's Memorial Library System Builds.
<https://www.pgcmlls.info/Bladensburg>

Roberts, J. D., Tehrani, S. O., Isom Jr, R., Stone, E. A., Brachman, M. L., & Garcia, V. N. (2020). Case-comparison study protocol for gauging effects of neighborhood trends and sickness: examining the perceptions of transit-Induced gentrification in Prince George's County. *BMJ open*, 10(10), e039733.
Retrieved from: <https://bmjopen.bmj.com/content/10/10/e039733.abstract>

Setterfield, Brett. "Bike Share Equity Strategies: Successes AND Failures." Planning, Public Policy and Management Department, University of Oregon, June 2016.
Retrieved from: <http://hdl.handle.net/1794/19947>

Shinault, C. (2018). Brother's Keeper or Only Child? Black Middle-Class Responses to Residential Mobility Initiatives in Prince George's County, MD. Preprints 2018, 2018110118 (DOI: 10.20944/preprints201811.0118.v1). Retrieved from: <https://www.preprints.org/manuscript/201811.0118/v1>.

U.S. Census Bureau. (2022). Bladensburg town, Maryland. Retrieved from https://data.census.gov/cedsci/profile/Bladensburg_town,_Maryland?g=1600000US2407850

U.S. Census Bureau. (2022). Colmar Manor town, Maryland. Retrieved from https://data.census.gov/cedsci/profile/Colmar_Manor_town,_Maryland?g=1600000US2418850

U.S. Census Bureau. (2022). Cottage City town, Maryland. Retrieved from https://data.census.gov/cedsci/profile/Cottage_City_town,_Maryland?g=1600000US2420050

U.S. Census Bureau (2020). American Community Survey 5-year estimates. Retrieved from Census Reporter Profile page for Edmonston, MD
<http://censusreporter.org/profiles/16000US2425425-edmonston-md/>

