

Anacostia Waterfront Park Bike Access Study



PRINCE GEORGE'S COUNTY, MARYLAND

Prepared by:
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September 11, 2014

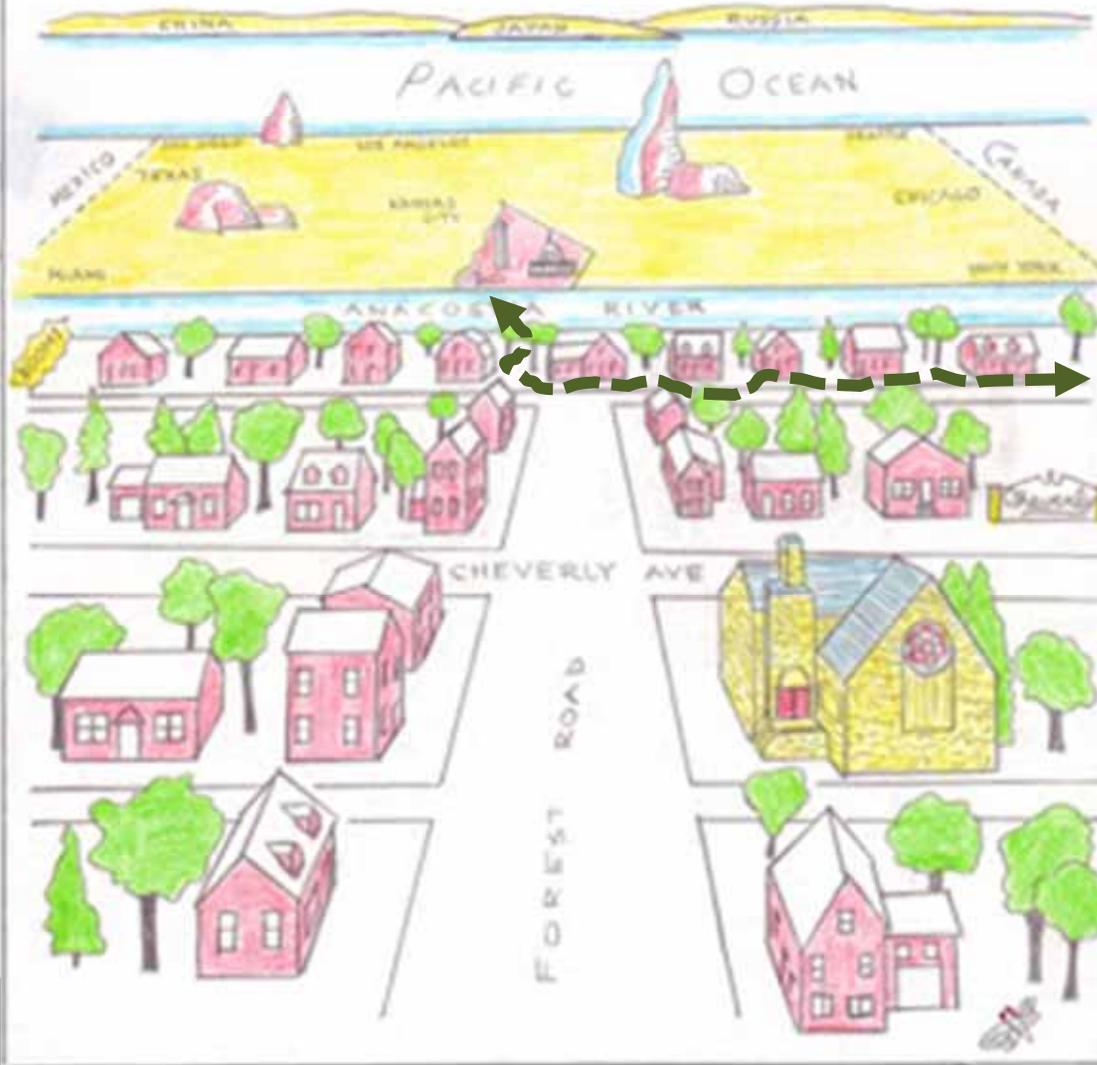
In Association with:
Kris Consultants, LLC and
Real Estate Surveyors and Developers, LLC



MAY 2013

CHEVERLY DAY

VIEW OF THE WORLD FROM CHEVERLY MD.



PROJECT TITLE

Agenda



- Trail connectivity in our region
- Challenges
- Proposed alternatives
- Overview of different treatments
- Next steps
- Your questions and feedback

Master Plan



COUNTYWIDE MASTER PLAN OF TRANSPORTATION November 2009
Bikeways and Trails

The Maryland-National Capital Park and Planning Commission
Prince George's County Planning Department
www.mnppc.org/pgoc

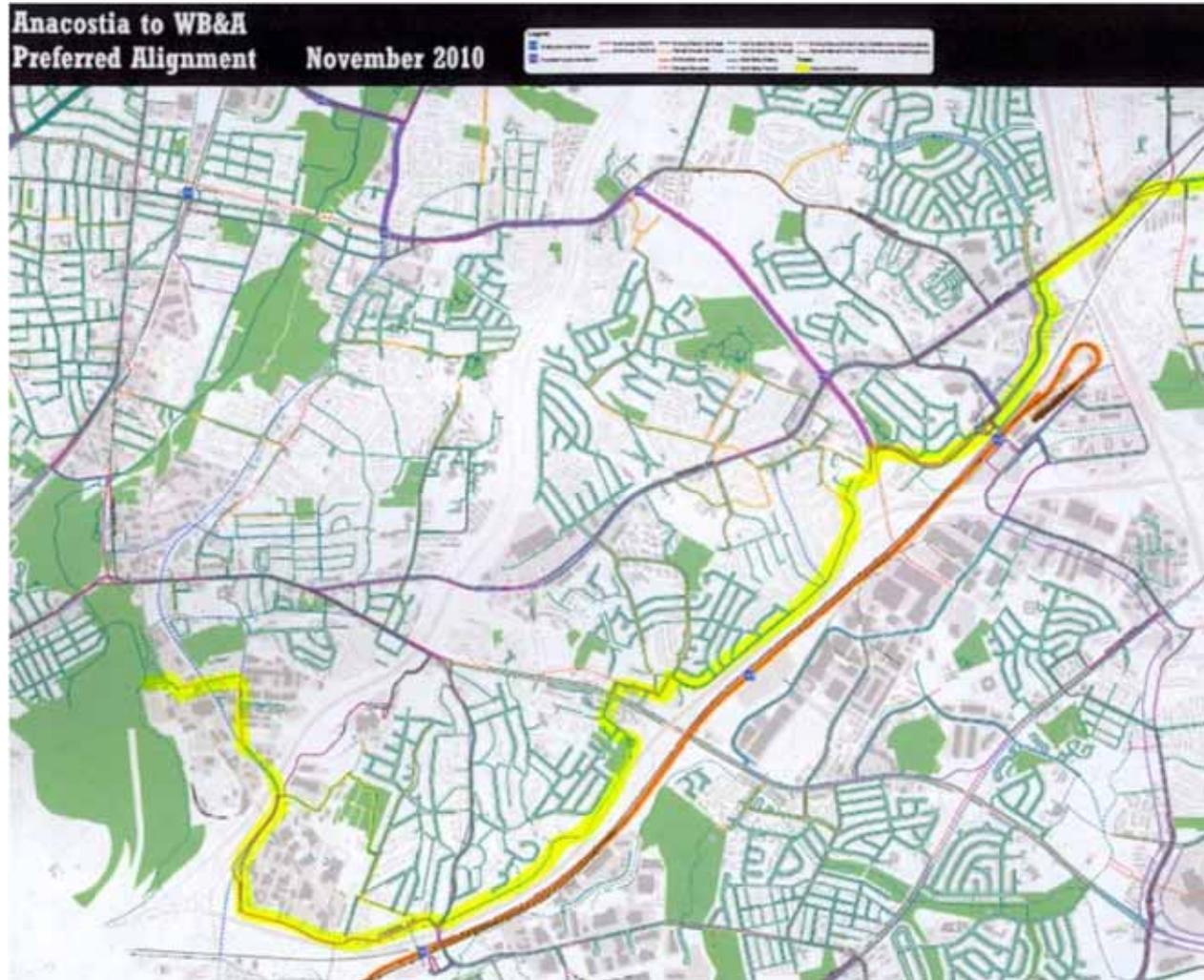
Trails, Bikeways, and Pedestrian Mobility Policies

Complete Streets Policies

Legend

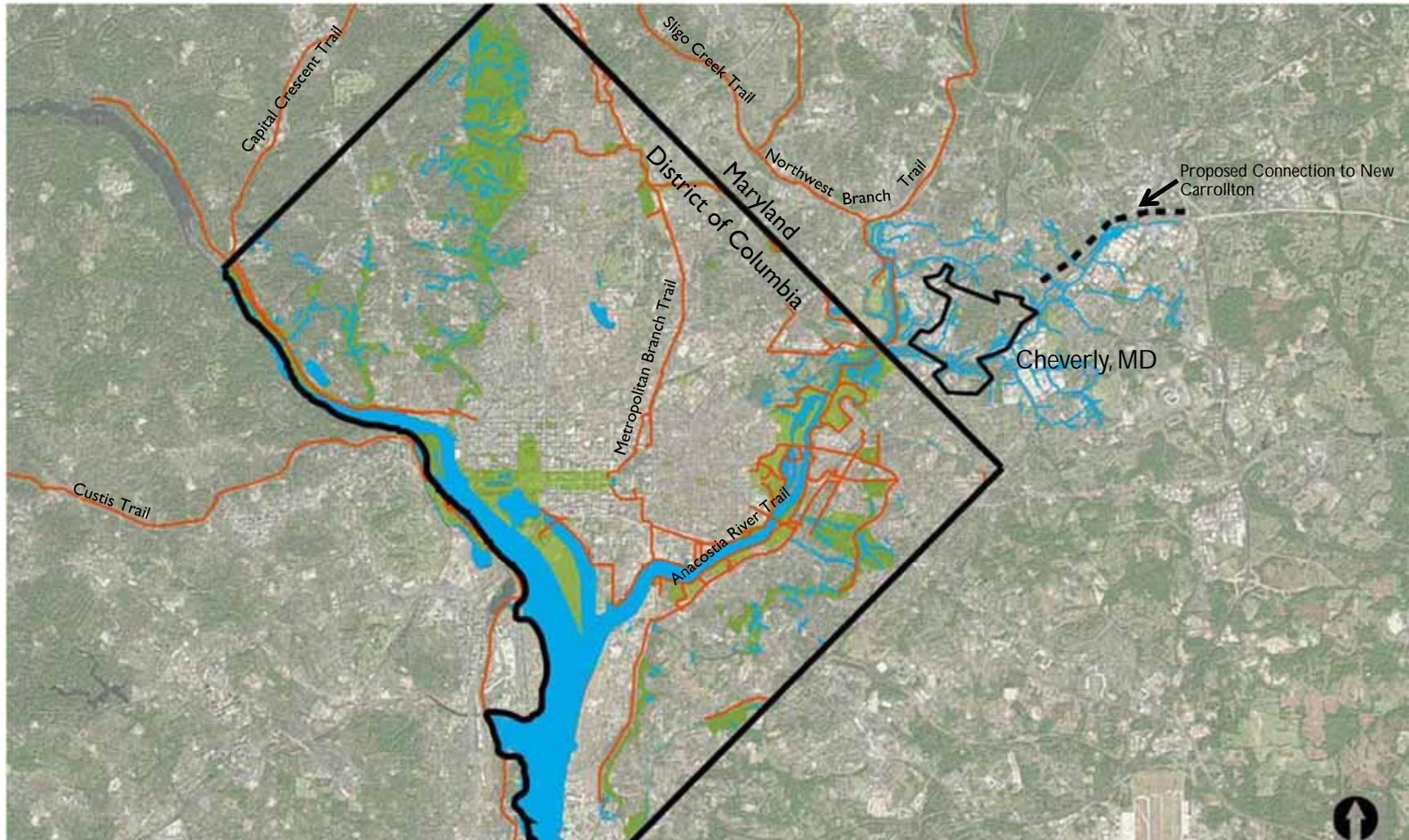
The 2009 Approved Countywide Master Plan of Transportation recognized the need to connect the WB&A Trail with the Anacostia River Trail and recommended a feasibility study to explore options for connecting the two trail systems.

Master Plan



Subsequent planning work refined the overall alignment between the two trail systems and provided initial design guidance.

Regional



District of Columbia Kenilworth Gardens Trail



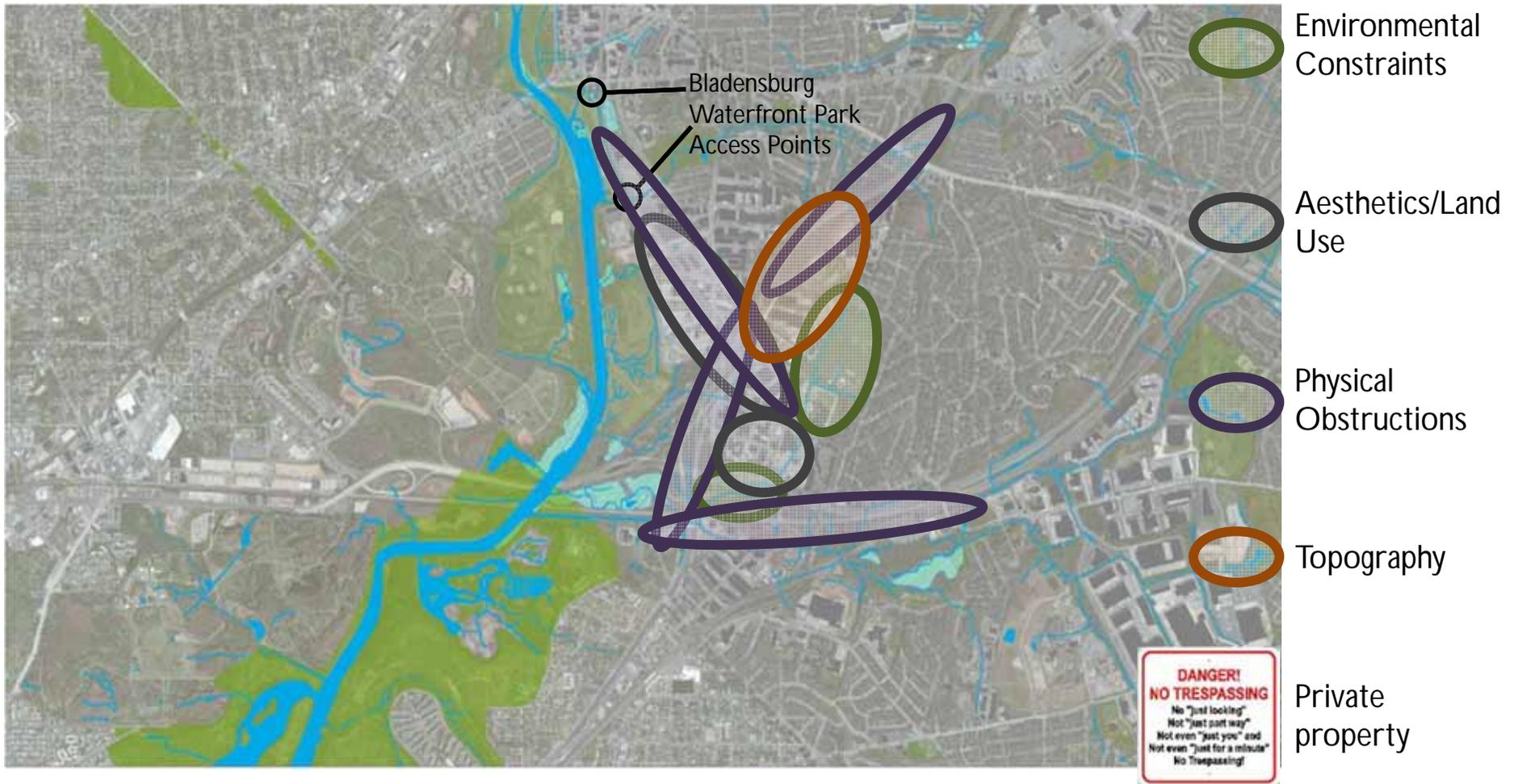
LEGEND

- Constructed
- - - Future

RIVERWALK TRAIL SEGMENTS

- National Arboretum
- - - Kenilworth Gardens
- River Terrace

Challenges

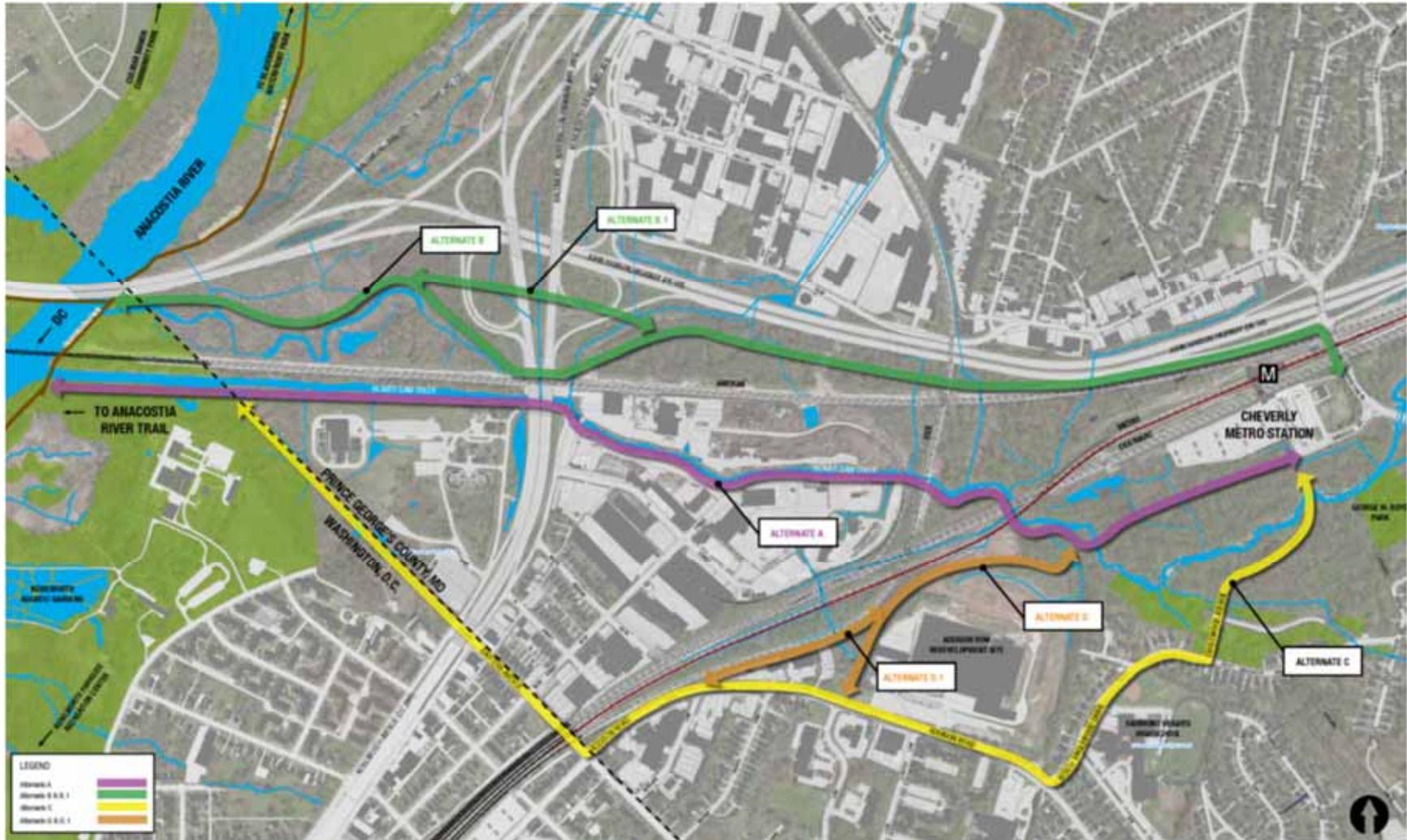


Preferred Alignments



- Lower Beaver Dam
- Cheverly to Bladensburg Trail Connection
- On-road Facilities

Lower Beaver Dam Creek Stream Valley Feasibility Study-Alignment Alternatives



Cheverly to Bladensburg Waterfront Park Trail Improvements



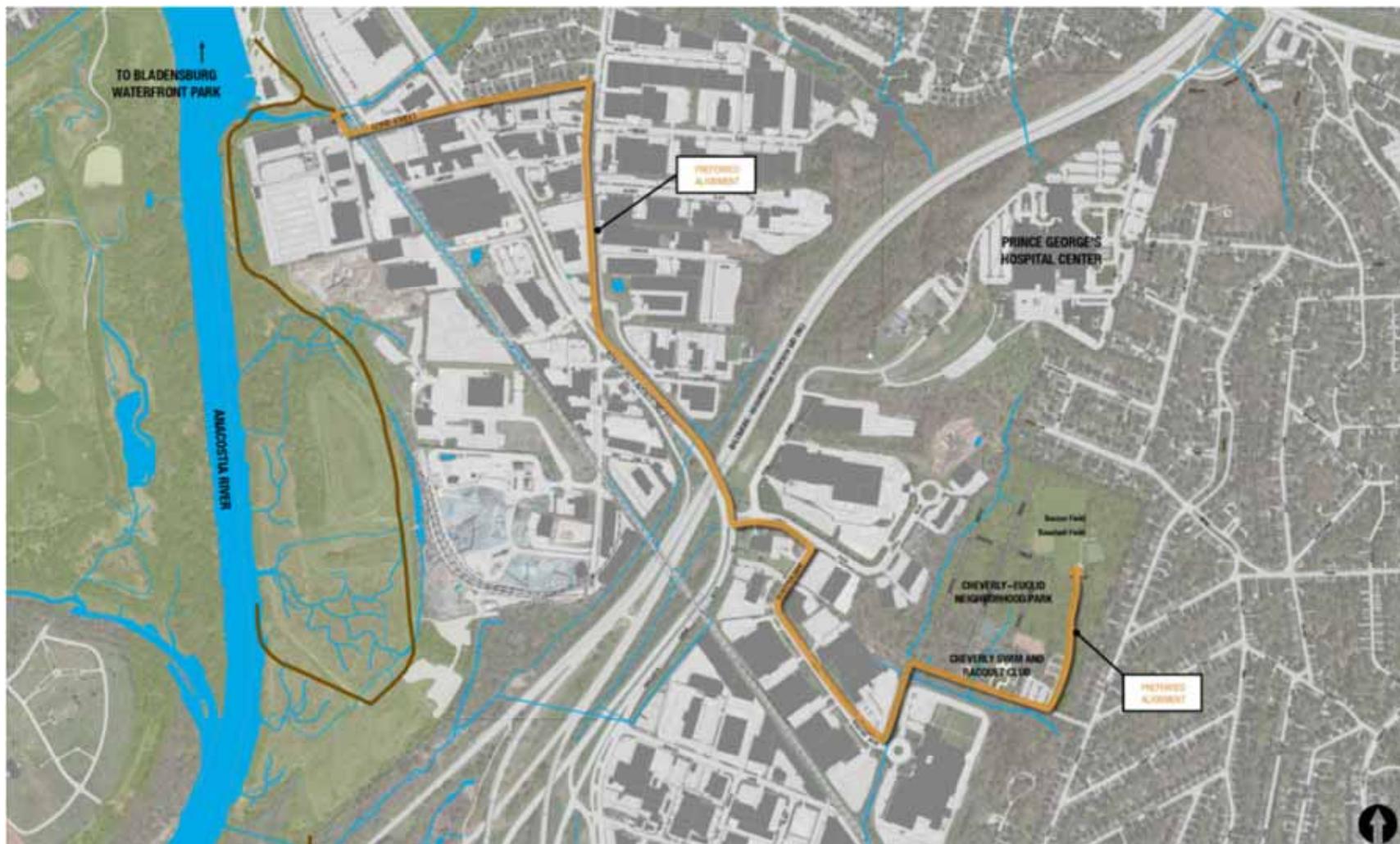
The 2009 Approved Countywide Master Plan of Transportation and the 2009 Approved Port Towns Sector Plan also recommended specific improvements to connect Cheverly with Bladensburg Waterfront Park.

Provide a pedestrian and bicycle connection to the Bladensburg Waterfront Park with the following specific improvements:

- Sidepath construction along Kenilworth Avenue from Lydell Road to 52nd Avenue.
- Sidewalk and bikeway improvements along 52nd avenue from Kenilworth Avenue to the alley extension of Lloyd Street.
- Trail construction within or along the alley from 52nd Avenue to Kenilworth Avenue
- Sidewalk and bikeway improvements along Lloyd Street from Kenilworth Avenue to the WSSC Property (Parcel 80 near the Bladensburg Waterfront Park)



Cheverly to Bladensburg Waterfront Park Trail – Preferred Alignment



Cheverly to Bladensburg Waterfront Park Trail – Preferred Alignment



The current 30% design work moves the master plan recommendation closer to implementation and makes the project eligible for future funding opportunities. Design work is also being done for pedestrian improvements in the New Carrollton area.



Existing conditions along Lloyd Street.



Proposed sidepath along Lloyd Street. This trail will provide bike and pedestrian access to the Anacostia River Trail.

On-Road Bicycle Facilities Between Cheverly and Bladensburg



Shared Use Path (Trail)



- Fully separated from roadway
- Work with natural environment
- May or may not be illuminated



Sidepaths



Buffered Bike Lanes



- Enhanced safety and comfort
- Provides greater distance between motorist and bicyclist
- Provide more space for bicyclist
- Recommended includes streets with higher travel speeds



IMAGES ARE REFERENCED FROM GOOGLE

Trail Bridge Crossings



Bicycle Facilities: Shared Use Lanes



- Enhances overall awareness to road users of bicyclists
- Encourages safer passing practices
- Reduces “wrong way” riding by bicyclists
- Recommended for lower speed, lower volume roadways

IMAGES ARE REFERENCED FROM NACTO AND GOOGLE

Low Impact Development Elements



Raingarden



Bioswale



Permeable Pavements



Pervious Trail

- Acts as a natural stormwater management system
- Utilizes stormwater as a resource, rather than a waste product
- Improves landscape features
- Potential applications are parking lots, trails and vegetative buffers/medians

Improvements

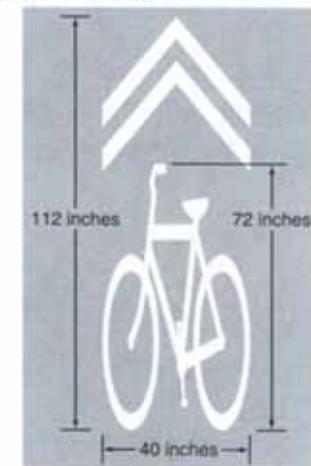


The current work also includes an alignment study for a long-term trail along Lower Beaverdam Creek and recommendations for short-term on-road bicycle improvements.

- The stream valley trail will ultimately be a significant addition to the existing Anacostia Tributaries Trails Network.
- The on-road bike improvements will improve existing conditions for cyclists and can be implemented in the short-term.



Figure 9C-9. Shared Lane Marking



Next Steps



- Finalize 30% Cheverly to Bladensburg Trail Connection, On-road facilities, and Lower Beaver Dam
- Preliminary cost estimate for Cheverly to Bladensburg Trail Connection
- Coordination with partners and stakeholders
- Secure funding sources

Questions/Comments?



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