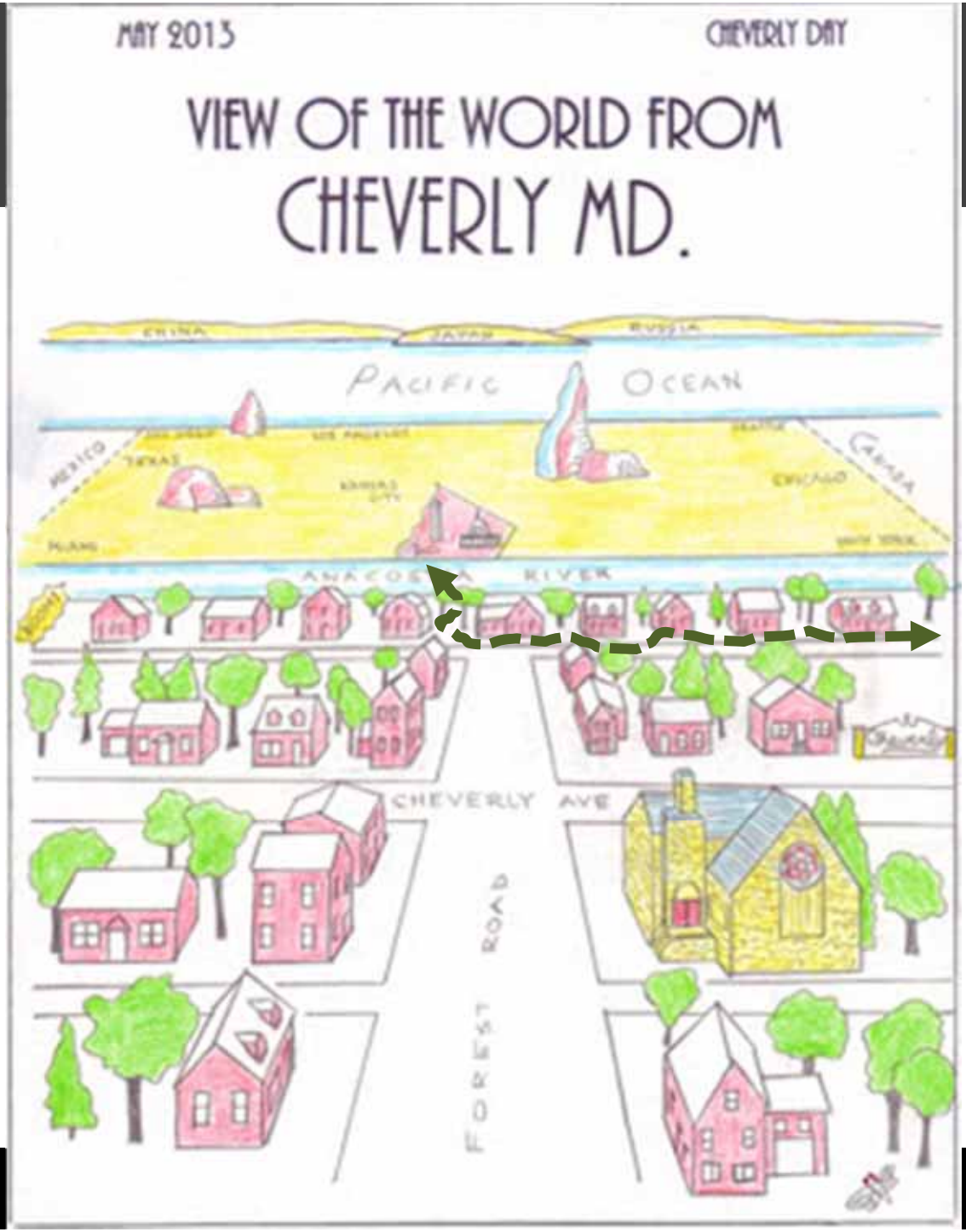
Anacostia Waterfront Park Bike Access Study

PRINCE GEORGE'S COUNTY, MARYLAND

Prepared by:
Toole Design Group, LLC
September 11, 2014

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

Parks & Recreation
M-N C P P C



PROJECT TITLE

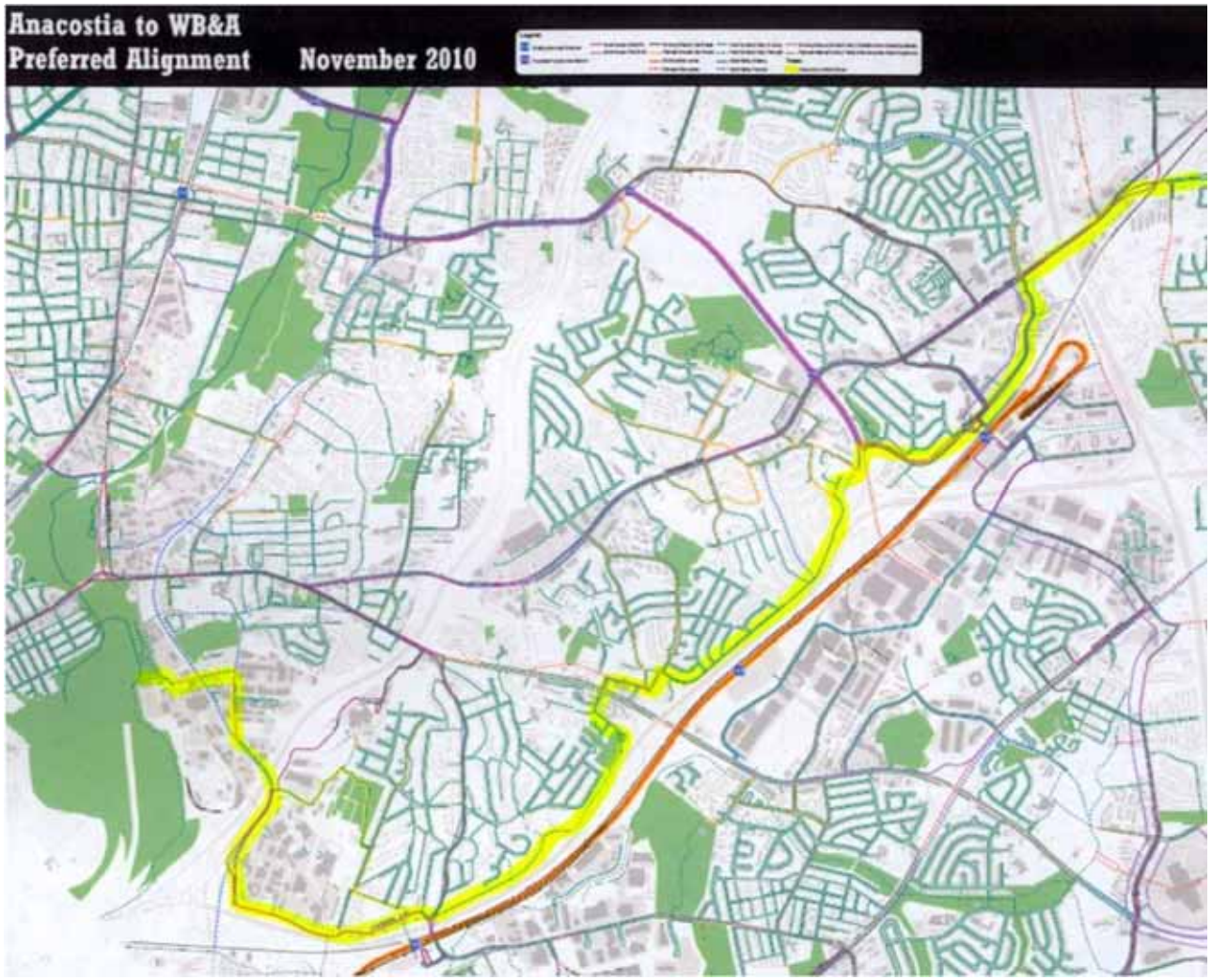
Agenda

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

Master Plan

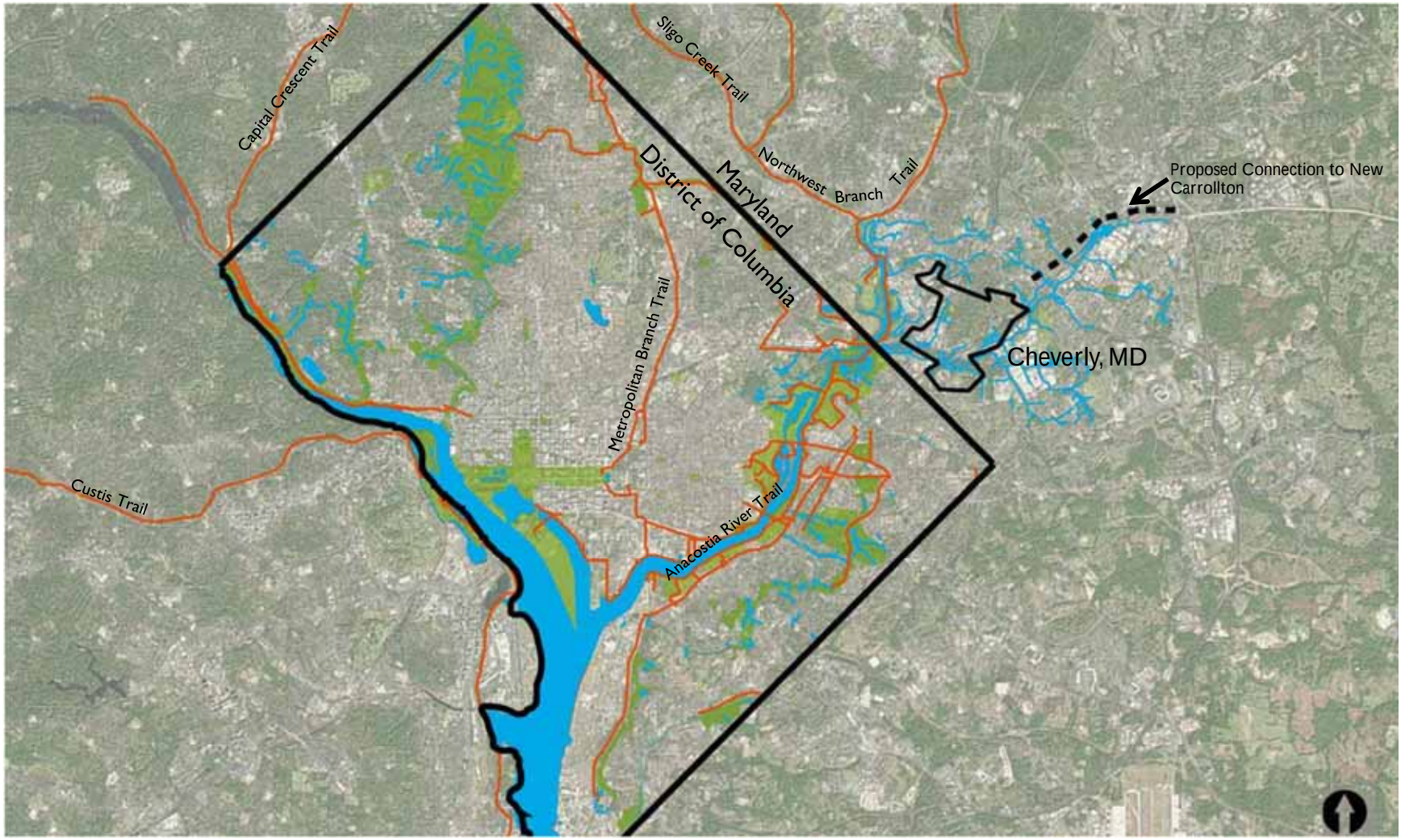
The 2009 Approved Countywide Master Plan of Transportation recognized the need to connect the WB&A Trail with the Anacostia River Trail and recommended a feasibility study to explore options for connecting the two trail systems.

Master Plan



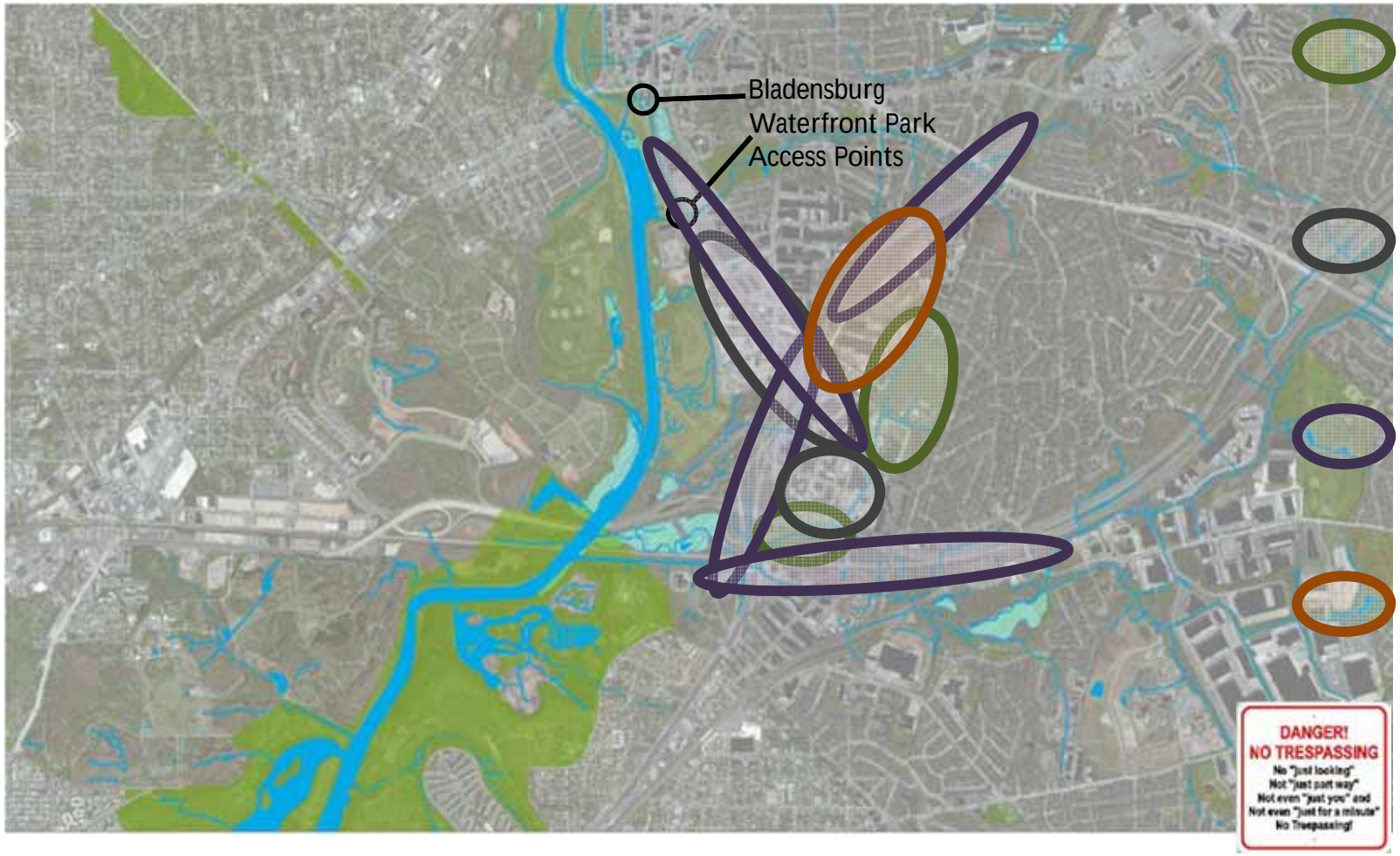
Subsequent planning work refined the overall alignment between the two trail systems and provided initial design guidance.

Regional


Capital Crescent Trail
Sligo Creek Trail
Northwest Branch Trail
Maryland
District of Columbia
Proposed Connection to New Carrollton
Cheverly, MD
Metropolitan Branch Trail
Custis Trail
Anacostia River Trail

District of Columbia
Kenilworth Gardens Trail
New York Avenue NE
Amtrak Right-of-Way
Kingman Lake
Anacostia River
Kenilworth Avenue NE
Nannie Helen Burroughs Avenue NE
Benning Road NE
LEGEND
Constructed
Future
RIVERWALK TRAIL SEGMENTS
National Arboretum
Kenilworth Gardens
River Terrace
anacostiawaterfront.org

Challenges



Environmental Constraints

Aesthetics/Land Use

Physical Obstructions

Topography

Private property

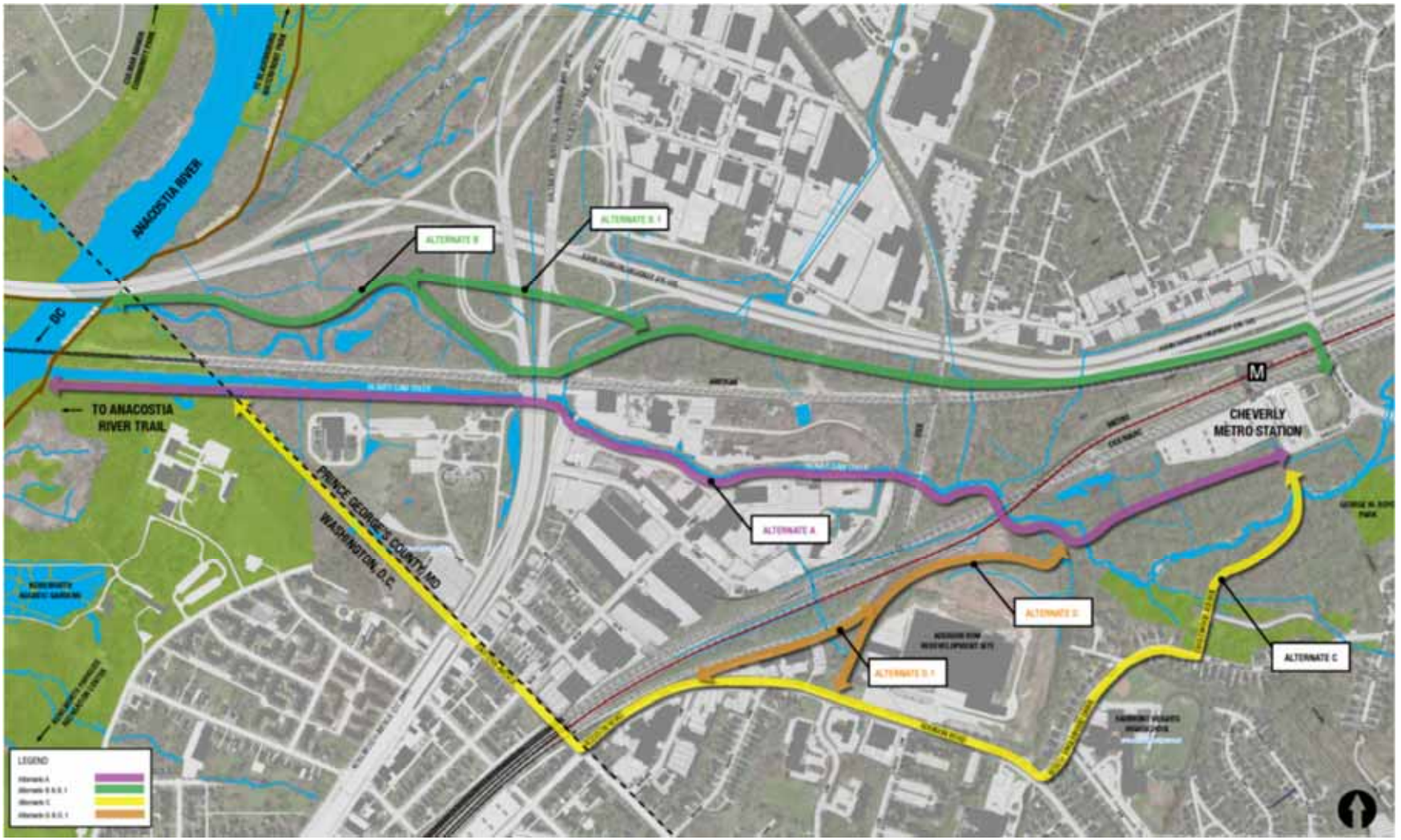
Preferred Alignments

- 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

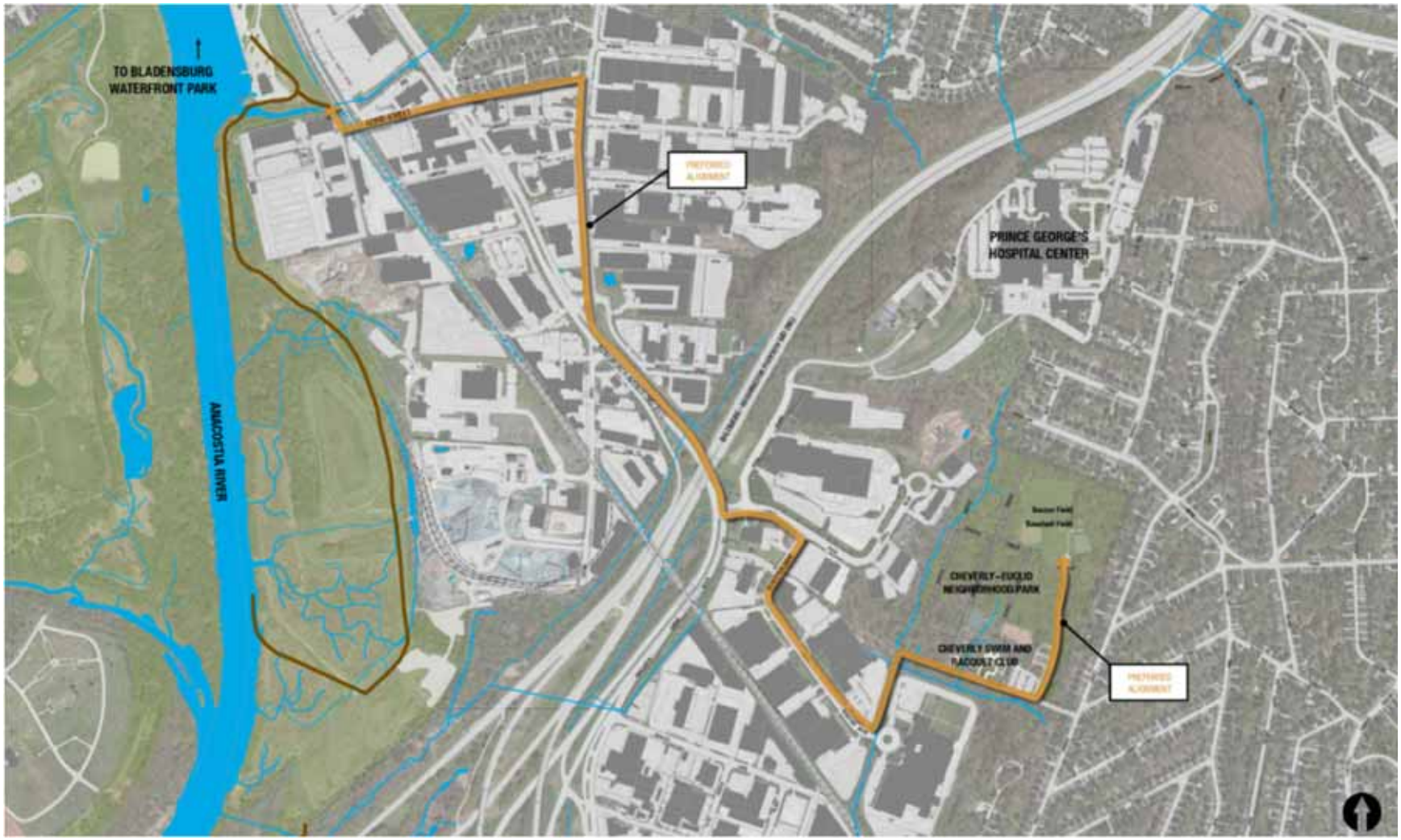
The 2009 Approved Countywide Master Plan of Transportation and the 2009 Approved Port Towns Sector Plan also recommended specific improvements to connect Cheverly with Bladensburg Waterfront Park.

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)

PROJECT TITLE

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

IMAGES ARE REFERENCED FROM NACTO AND GOOGLE

- 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

Low Impact Development Elements

Raingarden

Bioswale

Permeable Pavements

Pervious Trail

- Acts as a natural stormwater management system
- Utilizes stormwater as a resource, rather that 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.

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?

Fred Shaffer
Planner/Coordinator, MNCPPC-PG
301-952-3661
fred.shaffer@ppd.mncppc.org