



Pedestrian, Bicycle and Trail Funding Opportunities Workshop

March 2016

Presented by the Maryland Department of
Transportation

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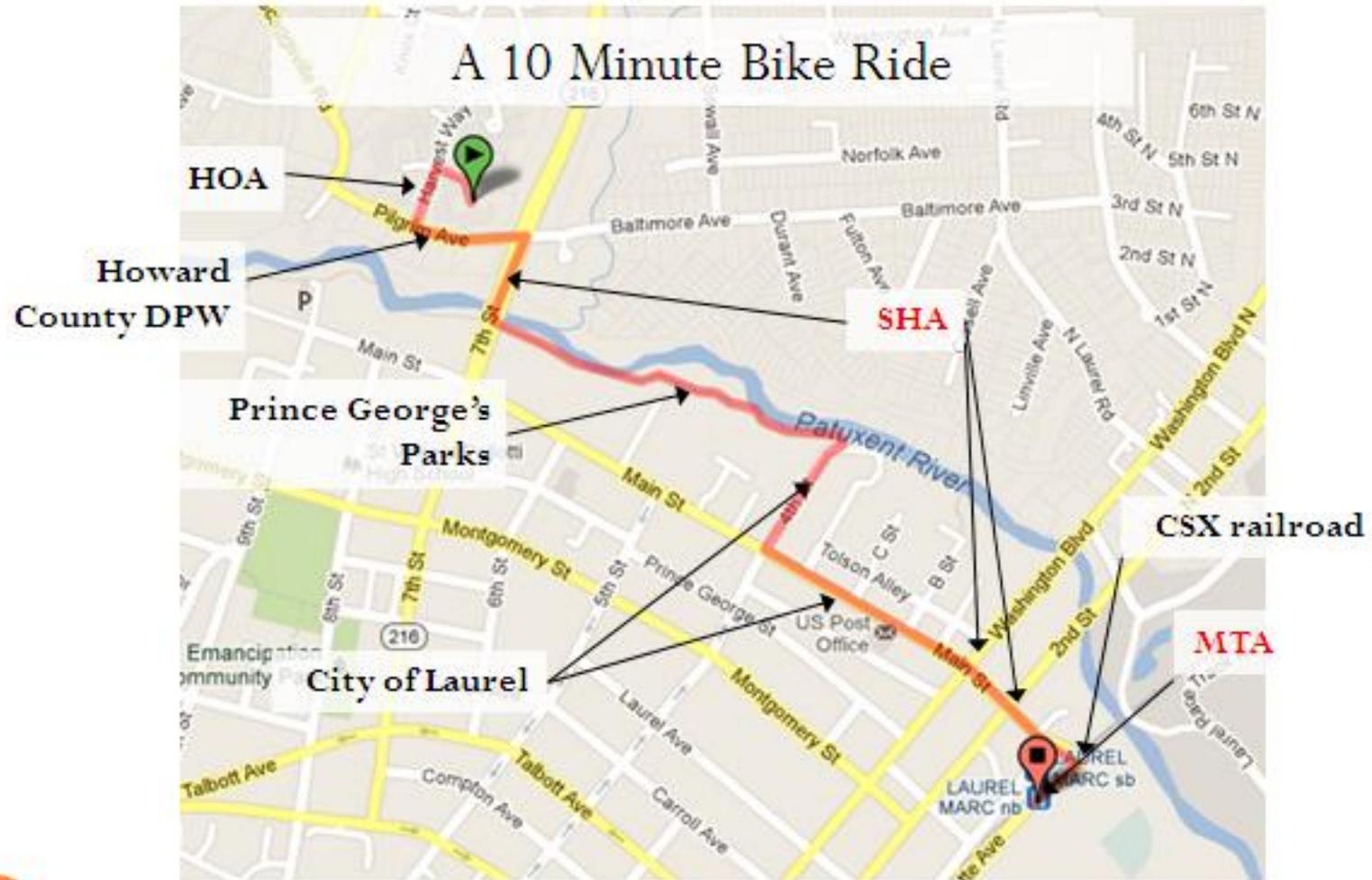


Maryland Department
of Transportation

Supporting Maryland's Transportation Goals

- **Safety & Security:** Pedestrians and cyclists over 20% of Maryland fatal traffic crashes.
- **Environmental Stewardship:** Transportation accounts for over 30% of Maryland's greenhouse gas emissions.
- **Community Vitality:** 9.3% of Maryland households do not own a vehicle. Walking and biking support property values and health.
- **Economic Prosperity:** Transportation accounts for about 15% of household expenditures. Walking and biking enhance access to commercial areas and tourism opportunities.

Building a connected network



Not One Size Fits All



Town Centers

Many destinations

Physically constrained

Competing needs

Shorter trips

Rural Areas

Fewer intersections

Recreational walking/biking

Higher speeds

Longer trips

Programs Overview

Program	Summary	Deadline (if applicable)
Transportation Alternatives (Safe Routes to School)	Federal 80/20 reimbursable grant open to local agencies for transportation enhancements, including trails, sidewalks, etc. Approx. \$10M.	May 15
Recreational Trails	Federal 80/20 reimbursable grant open to agencies and organizations for all types of trail projects. Approx. \$1M.	July 1
Bikeways	State reimbursable grant open to local agencies for bike transportation projects. Approx. \$2.5M.	May 26
Highway Safety	Federal grant open to support education and enforcement addressing priority highway safety areas including ped and bike safety.	Feb. 26
SHA Retrofit Programs	SHA funds to complete projects along state roads.	N/A
BPPA	Not a funding program. Coordinated State/local planning effort.	April 30

Project Development Process Overview

	TA	SRTS	RTP	Bikeways	SHA Retrofit
Develop concept					
Include in local plans and priorities					
Build support and partnerships, secure funding					
Refine the concept				X	X
Secure Right of Way					
Design	X	X		X	X
Permitting	X	X	X	X	X
Construct	X	X	X	X	X
Maintain			X		
Educate and Promote		X	X	X	

Applications and today's slides available at www.cycle.maryland.gov

The screenshot displays the Maryland Department of Transportation website. At the top, there is a navigation bar with links for Maryland.gov, Phone Directory, State Agencies, Online Services, and En Español. Below this is a search bar and social media icons for Facebook, Twitter, YouTube, and All. The main navigation menu includes HOME, COMMUTERS, BIKE/WALK, SAFETY, ENVIRONMENT, BUSINESS, MBE, and PROJECTS.

The page content is organized into several sections:

- MDOT**
 - › Mission Statement
 - › Newsroom
 - › Jobs
- MDOT Business Units**
 - › Aviation
 - › Motor Vehicle
 - › Port of Baltimore
 - › Highways
 - › Transit
 - › Toll Facilities
- MDOT Offices**
 - Find an Office...
- Maps and Guides**
 - › Cycle Maryland Interactive Bicycle Map
 - › Local Bicycle Trail Links
 - › Rails to Trails In Maryland
 - › Bicycling In State Parks
- Vision**
 - › Bicycle & Pedestrian Master Plan

The central focus is the **Cycle Maryland** initiative, featuring a banner with the text "Cycle MARYLAND CHANGE GEARS, ENJOY THE OUTDOORS" and an image of people cycling. Below the banner, a paragraph states: "The Cycle Maryland initiative is an effort to encourage more Marylanders to get out and ride, and to make bicycling a true transportation alternative. Cycling is a great way to connect to your community, support a cleaner environment, encourage a healthier lifestyle, reduce household transportation costs and enjoy Maryland's magnificent landscape." Below this, it says: "www.cycle.maryland.gov provides a one-stop web portal for information about cycling infrastructure, plans, funding opportunities and events."

There is a section for **Apply for Grant Funding** with the text: "The Maryland Department of Transportation and the State Highway Administration are accepting applications for several grant programs that support bicycle, pedestrian and trail projects. More information" (text is partially cut off).

On the right side, there are social media links for Facebook and Twitter, a "follow us on" button, and a list of featured programs: CYCLE MARYLAND, BIKEWAYS PROGRAM, BIKESHARE PROGRAM, MARYLAND TRAILS, and BICYCLE & TRAIL MAP. Below this is a "Showcase Gallery" button and a caption: "A Photo Gallery of Cycling in Maryland".

At the bottom right, there is a "Press Releases / News" section with several links:

- [\\$14 Million Available For Key Bicycle, Pedestrian and Trail Projects](#)
- [Bicyclists Given Green Light to Cross Hatem Bridge Beginning July 1st](#)
- [Governor Announces \\$14.9M for Bicycle/Pedestrian](#)



Maryland Bikeways Program

March 2016

Kate Sylvester

Transportation Planner

Secretary's Office of Planning and Capital Programming

Maryland Department of Transportation



Maryland Department
of Transportation

Bikeways Program Overview

- State-funded reimbursable grant program to make bicycling a true **transportation option** in Maryland. Maximize bicycle access to destinations (schools, transit, work, shopping, recreation, etc.)
- Open to government agency applicants
- Application deadline is **Thursday, May 26, 2016**
- Approximately \$2.5 million available for FY17 awards
- All projects must be completed and invoiced within 2 years of award

Eligible and Priority Projects

- In-town bicycle routes
 - Priority Funding Area (PFA);
 - Within 3 miles of a rail transit station or major bus hub;
- Strategic regional transportation connections
 - Projects identified in the State Trails Plan; or
 - Project included in the annual transportation priority letter submitted to MDOT
- Priority projects = lower match required
 - Enhance bike access to transit, State Trails Plan “Missing Link”, Sustainable Community Area, Maryland Main Street, Census tract(s) at or below 60% of Area Median Income, Major campus, central business district, or Heritage Area tourism site.

Eligible Activities

- **Retrofit:** Bicycle route signing, striping, sharrows, drainage grate replacement, pavement patching, bike racks, short trail extensions
- **Design:** Preliminary through final design work, Feasibility assessments may address preferred alignment, environmental review, right-of-way issues, ADA, local support, cost estimates.
- **Construction:** Shared-use paths, cycletracks, transportation trails

Ineligible Activities

- Recreational route wayfinding
- Print or online maps
- Mountain bike trails or loop trails
- Sidewalks
- Education programs, brochures and events, except that up to 10% or \$10,000 of an award may be used for educational and promotional materials directly related to an infrastructure project

Matching Funds

Project Type	Bikeways Priority Project Maximum Bikeways Funding	Eligible Project Maximum Bikeways Funding
Retrofit	100%	50%
Design	80%	50%
Construction	80%	50%

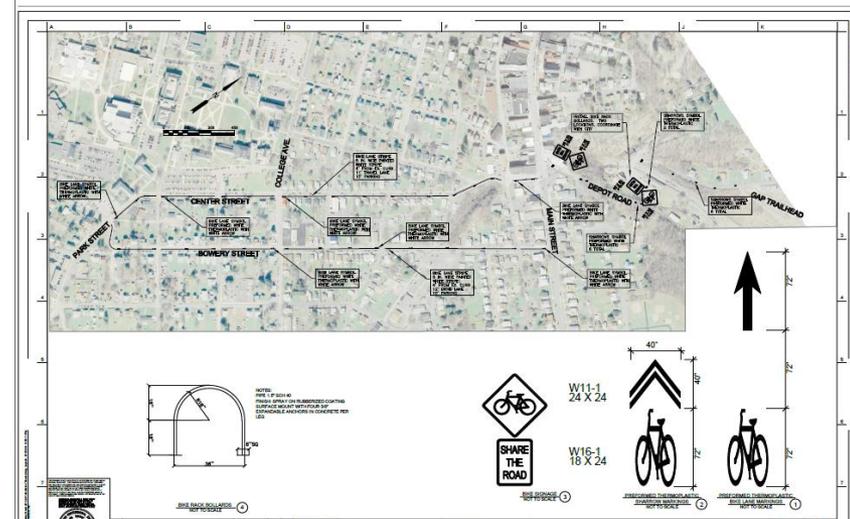
Bikeways Priority Projects enhance bicycle access to:

Transit, State Trails Plan “Missing Link”, Sustainable Community Area, Maryland Main Street, Census tract(s) at or below 60% of Area Median Income, Major campus, central business district, or Heritage Area tourism site.

Example Project: Minor Retrofit

Frostburg bike route connecting GAP trail, Frostburg State U, and business district

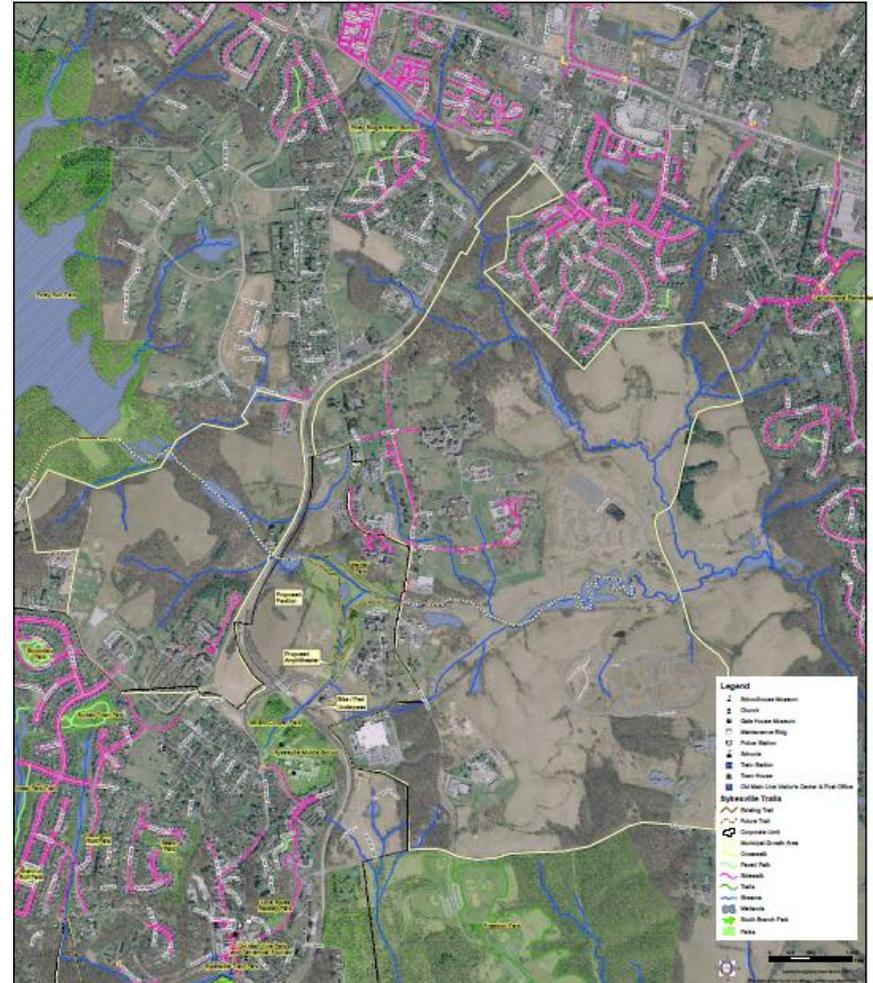
- 2 mile bike route including bike lane, shared lanes, signed route, bike racks
- \$14,825 bikeways award, \$1,470 local funds



Example Project: Design

Carroll County Freedom Area Gov. Frank Brown Trail

- Feasibility study of trail and local road bicycle connections between Eldersburg, Sykesville and community parks. Included public meetings, wetland delineation and property owner negotiation.
- \$29,683 bikeways funds, \$35,000 in-kind County match



Example Project: Trail Construction

Chestertown Rail Trail

- 1.7 miles of rail trail in Chestertown
- \$260,000 Bikeways funds in two phases, \$42,000 in local matching funds
- Future plans to extend over 4 miles to Worton Regional Park and Kent County Community Center.



TRAIL PROJECT
Presented by
TOWN OF CHESTERTOWN
CHESTERTOWN, KENT COUNTY, MD

TRAIL MAPS
Presented by
NIPERONE
ABSOLUTE

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Design Guidelines

- 2012 AASHTO Bicycle Design Guidelines
- Maryland MUTCD
- SHA Bicycle Policy and Design Guidelines
- ANPRM Shared Use Path Accessibility
- APBP bicycle parking guidelines
- NACTO Bikeway Design Guide
- Facility owner ultimately responsible for design approval

- 5' bike lanes
- Trail width (10' minimum, 11' preferred, 8' only in constrained areas)
- Sharrow placement
- Intersection treatments
- Warning and wayfinding signs

Grant Timeline

- **May** – Submit Application
- **Summer** – Clarification and follow up during application screening
- **September 2016** – Grant awards announced
- **October**– Submit workplan
- **Nov-March** – Execute Grant Agreement
- **By September 2018** – Complete project and submit for reimbursement

What You Need to Apply

- Eligible project sponsor
- Secured ROW required for retrofit and construction projects
- Project ownership, maintenance and management commitment
- Project area map
- Proposed workplan and timeline (2yr completion)
- Cost estimate prepared by qualified engineer or experienced professional

FAQs

- Do Federal procurement, wage rates, etc. apply?
 - No. Unless other grant funds using federal dollars are being used for the project.
- Can a bikeways project combine design and construction?
 - Yes, as long as it is completed in the 2-year timeframe.
- Is staff time eligible for reimbursement?
 - No, but it can count as match.
- What design standards apply?
 - MDOT reviews and expects consistency with national guidance. Pay particular attention to intersections!
- What if a project involves SHA right-of-way?
 - An SHA access permit will be needed, involving review and approval by the SHA District office. SHA's bicycle policy and guidelines must be followed.
- Is there a minimum or maximum award amount?
 - No. Typical awards range from about \$20,000 to \$300,000.

Thank You



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