Pedestrian, Bicycle and Trail Funding Opportunities Workshop

March 2016
Presented by the Maryland Department of Transportation
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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

<table>
<thead>
<tr>
<th>Town Centers</th>
<th>Rural Areas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Many destinations</td>
<td>Fewer intersections</td>
</tr>
<tr>
<td>Physically constrained</td>
<td>Recreational walking/biking</td>
</tr>
<tr>
<td>Competing needs</td>
<td>Higher speeds</td>
</tr>
<tr>
<td>Shorter trips</td>
<td>Longer trips</td>
</tr>
</tbody>
</table>
80% of bicycle and pedestrian crashes occurred in the green highlighted area.
# Programs Overview

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

<table>
<thead>
<tr>
<th>Step</th>
<th>TA</th>
<th>SRTS</th>
<th>RTP</th>
<th>Bikeways</th>
<th>SHA Retrofit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Develop concept</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Include in local plans and priorities</td>
<td></td>
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<tr>
<td>Build support and partnerships, secure funding</td>
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<tr>
<td>Refine the concept</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Secure Right of Way</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Design</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Permitting</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Construct</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Maintain</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Educate and Promote</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
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</tbody>
</table>
Applications and today’s slides available at www.cycle.maryland.gov
Maryland Bikeways Program

March 2016
Kate Sylvester
Transportation Planner
Secretary’s Office of Planning and Capital Programming
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

<table>
<thead>
<tr>
<th>Project Type</th>
<th>Bikeways Priority Project Maximum Bikeways Funding</th>
<th>Eligible Project Maximum Bikeways Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retrofit</td>
<td>100%</td>
<td>50%</td>
</tr>
<tr>
<td>Design</td>
<td>80%</td>
<td>50%</td>
</tr>
<tr>
<td>Construction</td>
<td>80%</td>
<td>50%</td>
</tr>
</tbody>
</table>

**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.
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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