



Federal Highway Administration Guidance Bicycle and Pedestrian Planning, Program, and Project Development (May 19, 2023)

https://www.fhwa.dot.gov/environment/bicycle_pedestrian/guidance/

New Jersey BPAC: September 27, 2023





Disclaimer

Except for any statutes or regulations cited, the contents of this presentation do not have the force and effect of law and are not meant to bind the States or the public in any way. This presentation is intended only to provide information regarding existing requirements under the law or agency policies.





Guidance Purpose

Major Topics

- Information and guidance for bicycle, pedestrian, shared micromobility.
- Bipartisan Infrastructure Law (BIL) changes
- Complete Streets and Networks
- Legislation and Regulations
- Project Development
- Preliminary Engineering and Design
- Funding
- Planning and Design Resources





Use BIL Resources to Build a Better America

- Prioritize Safety
- Complete Streets
- Transit Flex
- Transferability
- Americans with Disabilities Act (ADA)
- Equity
- Climate Change and Sustainability
- Labor and Workforce

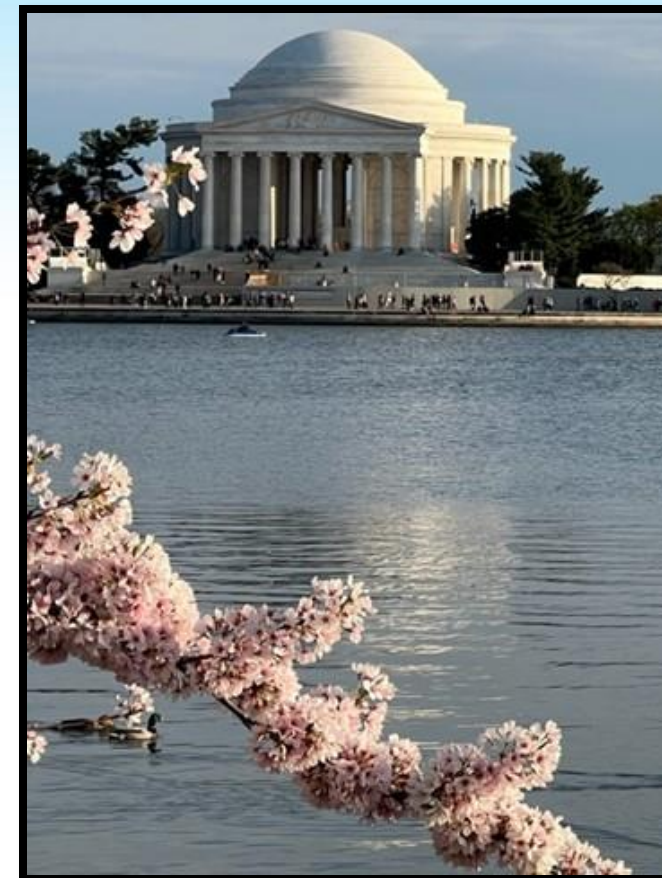


Photo: Jefferson Memorial, Washington, DC
Source: Bernadette Dupont





Due Consideration: A Conversation

- Safe, accessible, comfortable, equitable, and interconnected networks
- Three Aspects of Due Consideration of the needs of pedestrians, bicyclists, and other modes of transportation:
 - **Facility Need**
 - **Network Connectivity**
 - **Safety**



Source: FHWA





Statutory and Regulatory Requirements: Planning

Planning: 23 U.S.C. 134, 135, and 217

- Due Consideration
- Integrated Management
- Safety and Security Planning
- Integrated System
- Intermodal System
- Interested Parties
- Grouping Projects
- Tracking Bicycle and Pedestrian Investment





Statutory and Regulatory Requirements: Complete Streets and Safety

Complete Streets

- Increasing Safe and Accessible Transportation Options
 - 2.5% of SPR and PL funds: BIL § 11206
 - Waiver of Non-Federal Share (FTA and FHWA)
- Road User Defined
- Safety Performance
 - VRU Safety Assessment
 - VRU Special Rule





Project Development: Environmental Review

- General
- Accelerated Project Delivery
- NEPA
 - Environmental Review Toolkit
- Section 4(f)
 - Trails, paths, bikeways, and sidewalks
 - Transportation enhancement activities, transportation alternatives projects and mitigation activities
- Transportation Conformity

Other considerations

- Automated and Connected vehicles
- Integrate with local land use planning
- Integrate with recreation infrastructure
- Nondiscrimination





Preliminary Engineering and Design

- Right-of-Way:
 - Reasonable as part of highway projects
- Severance not permitted
- Major route: not defined, but see Due Consideration
- Railway-highway crossings
- Designs on National Highway System
- All Federal-aid projects
- Bridges
- Integration into larger projects





Maintenance and Operations

- Obligation to Maintain: 23 U.S.C. 116
- Maintenance of Accessible Features: 28 CFR 35.133
- Trail maintenance is eligible
- Operations
- Accessibility



Trail relocated from closed culvert, Fairfax VA
Source: Christopher Douwes, FHWA





Youth Service and Conservation Corps

- **MAP-21 Section 1524, Youth Corps, is still in effect.**
- DOT encourages States to have contracts and cooperative agreements with qualified Youth Service and Conservation Corps.
- Corps provide workforce development for transportation and recreation.
- Eligible projects: trails, pedestrian and bicycle, safe routes to school, byways, or transportation alternatives.
- **Agencies can sole source contracts and agreements to qualified Corps.**
- The Corps Network: [Trails and Transportation](#) webpage.





Funding Provisions

Pedestrian and Bicycle Funding Opportunities:

- Broad eligibility for DOT and FHWA funds
- Accessibility: Plan, construction, maintenance
 - Includes new and retrofit
- **Coordinator positions**
- Bridges, Tunnels, Culverts
- Emergency Relief
- Federal Lands
- Ferry Boats
- Lighting (see Proven Safety Countermeasures)



Blue Piggy Bank with change in it
Source: Bernadette Dupont





Formula Funding Programs

Pedestrian and Bicycle Funding Opportunities:

- Congestion Mitigation and Air Quality Improvement Program
- Surface Transportation Block Grant Program
- Transportation Alternatives Set-Aside
- Highway Safety Improvement Program
- **Vulnerable Road Users**
- **Carbon Reduction Program**
- **Transfers among programs**



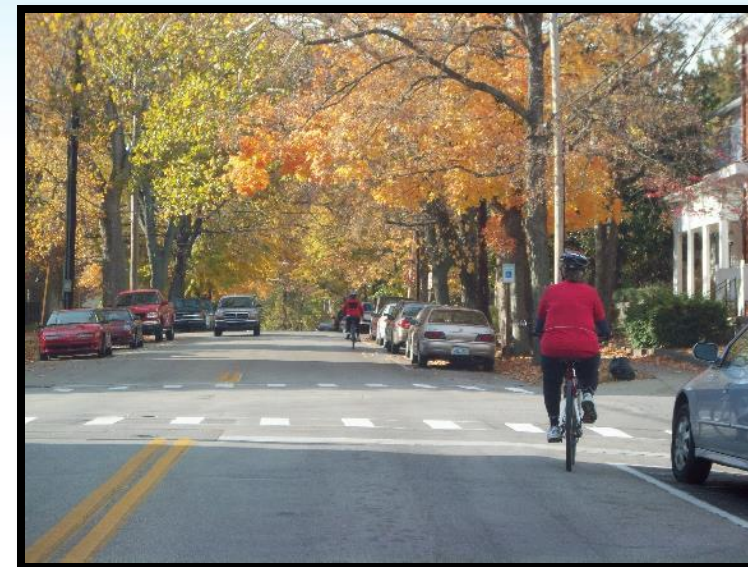
Blue Piggy Bank with change in it
Source: Bernadette Dupont





Discretionary Funding Programs

- Active Transportation Infrastructure Investment Program
- National Scenic Byways Program
- Reconnecting Communities Pilot Program
- Neighborhood Access and Equity Grant Program
- Safe Streets and Roads for All
- PROTECT Discretionary
- SMART



Wapping Street, Frankfort, KY
Source: Bernadette Dupont





Shared Micromobility

- What is Shared Micromobility?
 - Fleets of bicycles, e-bikes, e-scooters
 - Available to the public for shared use
- Eligible under CMAQ, STBG, TA Set-Aside
- FHWA funds can purchase bikes (not FTA)
- Restrictions on RTP-funded trails



Cyclists dock their bikes at a BCycle Station in San Antonio, TX.

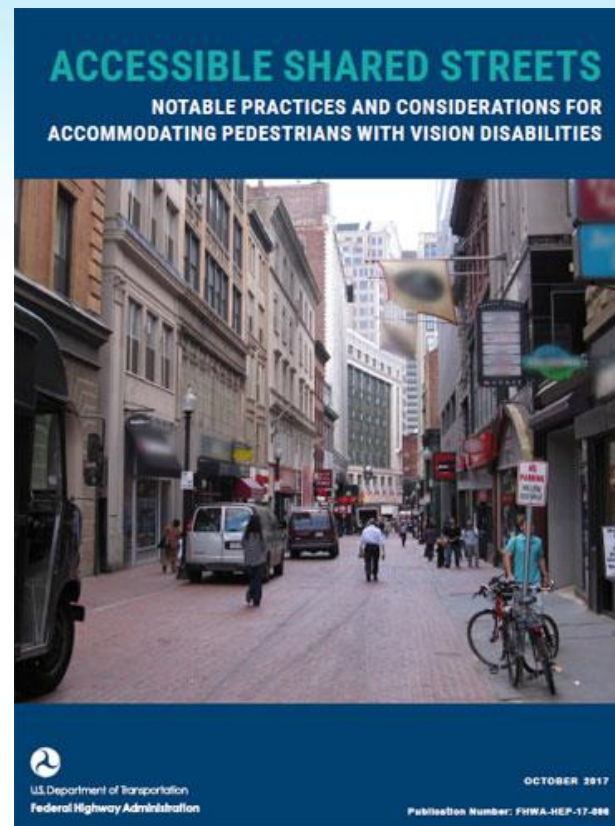
Source: www.pedbikeinfo.org / Julia Diana





Design Resources

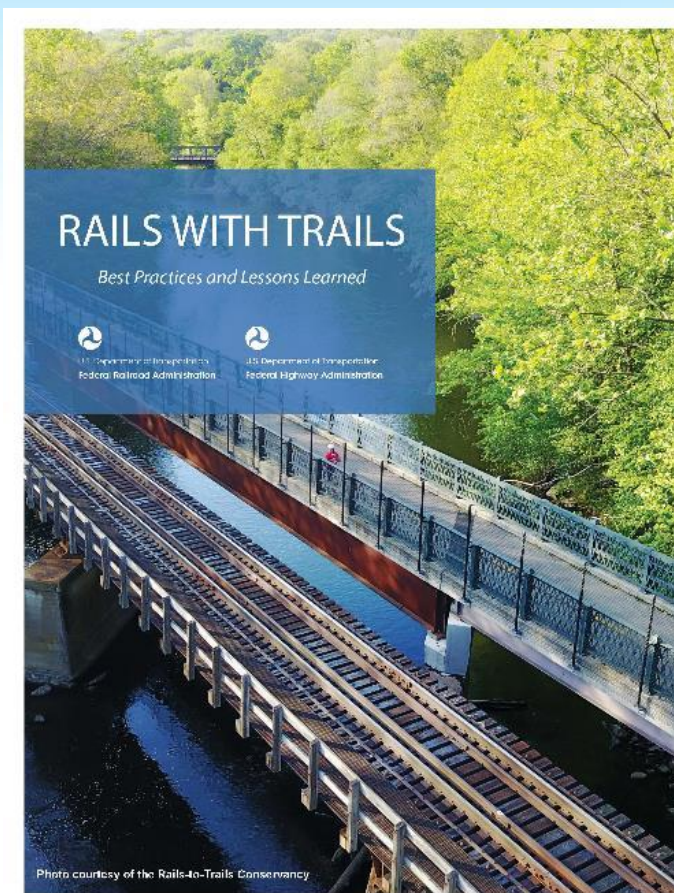
- General
- Websites
- Standards, Guidance, Information
- Design Resources
- Planning Resources





Trail Resources

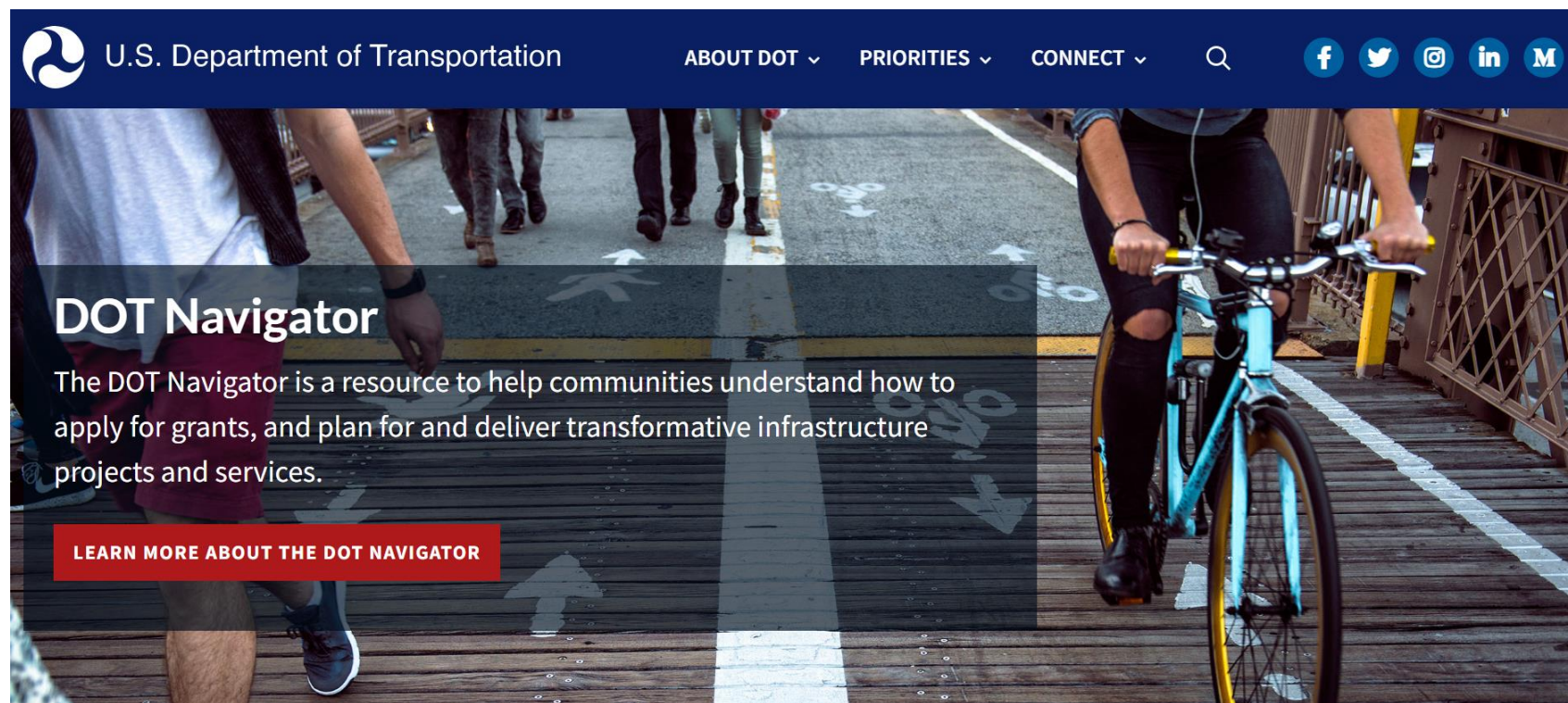
- RTP Publications Page
- Many Forest Service documents
 - Rails-with-Trails: Best Practices and Lessons Learned
 - Trails and Resilience: Review of the Role of Trails in Climate Resilience and Emergency Response
 - The Future of E-Bikes on Public Lands Research Study
 - E-Bikes Literature Review and Case Studies
- Ongoing research on guidebooks for trail resilience and RWT Design.





DOT Navigator

- See [DOT Navigator](https://www.transportation.gov/grants) and <https://www.transportation.gov/grants>.





Technical Assistance

All People – All Abilities



- **Technical Assistance Resources:**

www.fhwa.dot.gov/environment/bicycle_pedestrian/resources/tech_assistance_resources.pdf

- **Bicycle and Pedestrian Program:**

www.fhwa.dot.gov/environment/bicycle_pedestrian/

- **Pedestrian and Bicyclist Safety:**

<https://highways.dot.gov/safety/pedestrian-bicyclist>