Connecting Communities: Integrating Transportation and Recreation Networks: Federal Highway Administration Resources

DRAFT September 27, 2017 — SUBJECT TO REVISION

Contacts

- FHWA Main Page: https://www fhwa dot gov/
- FHWA Field Offices: https://www fhwa dot gov/about/field cfm
- FHWA Federal Lands Offices: https://flh fhwa dot gov/about/

Funding

- Pedestrian and Bicycle Funding Opportunities (HTML / PDF) indicates potential eligibility for pedestrian and bicycle projects under surface transportation funding programs.
- Congestion Mitigation and Air Quality Improvement Program: https://fhwaapps fhwa dot gov/cmaq pub/
- Federal Lands Highway Programs: https://flh fhwa dot gov/programs/
- Recreational Trails Program: https://www fhwa dot gov/environment/recreational_trails/
- Surface Transportation Block Grant Program: https://www fhwa dot gov/specialfunding/stp/160307 cf m
- Transportation Alternatives: https://www fhwa dot gov/environment/transportation_alternatives/

Policy and Guidance

- Policy Statement on Bicycle and Pedestrian Accommodation Regulations and Recommendations
  - Memorandum
- FHWA Guidance: Bicycle and Pedestrian Provisions of Federal Transportation Legislation
  - Bicycle and Pedestrian Funding, Design, and Environmental Review: Addressing Common Misconceptions
  - Bicycle Facilities and the Manual on Uniform Traffic Control Devices
  - Memorandum: Bicycle and Pedestrian Facility Design Flexibility
- Recreational Trails Program Guidance and Information, has links to several resources related to integrating transportation and recreation infrastructure.
- Transportation Alternatives Guidance and Information
- Youth Corps and Workforce Development Resources
- PlanWorks decision support tool
- Planning and Environment Linkages
- Integrating NEPA and Permitting

Bicycle and Pedestrian Resources https://www fhwa dot gov/environment/bicycle_pedestrian/resources/

- Achieving Multimodal Networks: Applying Design Flexibility and Reducing Conflicts highlights design flexibility, focusing on reducing multimodal conflicts and achieving connected networks.
- Bicycle Road Safety Audit Guidelines and Prompt Lists explains how to conduct a road safety audit.
- Case Studies in Delivering Safe, Comfortable and Connected Pedestrian and Bicycle Networks explains pedestrian and bicycle network principles and examples from across the country.
- Coding Nonmotorized Station Location Information in the 2016 Traffic Monitoring Guide Format explains how the Traffic Monitoring Guide (TMG) format describes the information that should be collected when counting multimodal users.
- Design Resource Index identifies the specific location of information in key national design manuals for various pedestrian and bicycle design treatments.
- Guidebook for Developing Pedestrian and Bicycle Performance Measures helps communities develop performance measures that can fully integrate pedestrian and bicycle planning in ongoing performance management activities.
- Incorporating Qualitative Data in the Planning Process: Improving Project Delivery and Outcomes highlights tools, techniques, and resources for gathering qualitative public and stakeholder input to inform the planning process, improve project outcomes, and streamline project delivery.
- Incorporating On-Road Bicycle Networks into Resurfacing Projects explains how installing bicycle facilities during roadway resurfacing projects is an efficient and cost-effective way for communities to create connected networks of bicycle facilities.
- Manual on Pedestrian and Bicycle Connections to Transit (Federal Transit Administration) suggests methods to improve pedestrian and bicyclist access to transit. This report includes information on evaluating, planning, and implementing improvements and explains how to integrate bike sharing with transit.
- **Metropolitan Pedestrian and Bicycle Planning Handbook** provides MPOs with information and examples as they consider pedestrian and bicycle transportation in their regional planning activities.
- **Pedestrian and Bicyclist Road Safety Assessments - Summary Report** is an overview of the approaches taken and the outcomes of walk/bike safety assessment in every State.
- **Proven Safety Countermeasures** advance countermeasures that have shown great effectiveness in improving safety. Several of these can directly benefit trails, and pedestrians and bicyclists.
- **Pursuing Equity in Pedestrian and Bicycle Planning** explains how equity is an important consideration for transportation officials working on developing connected multimodal systems.
- **Rumble Strip Implementation Guide** contains information about longitudinal center line, edge line, and shoulder rumble strips and stripes.
- **Separated Bike Lane Planning and Design Guide** explains how to plan and design separated bike lanes and integrate them into the transportation network.
- **Small Town and Rural Multimodal Networks** helps people in small towns and rural communities support safe, comfortable, and active travel for people of all ages and abilities.
- **Statewide Pedestrian and Bicycle Planning Handbook** helps State DOTs develop or update State pedestrian and bicycle plans.
- **Strategic Agenda for Pedestrian and Bicycle Transportation** informs the FHWA pedestrian and bicycle activities in the next 3 to 5 years (2016–2021).

**Recreational Trail Publications and Resources**
Recreational Trails Program Database: [http://recreationaltrailsinfo.org/](http://recreationaltrailsinfo.org/)
Trail Resource Links: [https://www.fhwa.dot.gov/environment/recreational_trails/resources/](https://www.fhwa.dot.gov/environment/recreational_trails/resources/)
Trail Publications: [https://www.fhwa.dot.gov/environment/recreational_trails/publications/](https://www.fhwa.dot.gov/environment/recreational_trails/publications/)

This page includes links to many U.S. Forest Service Trail Publications, such as:
- **USDA Forest Service Standard Trail Plans and Specifications**
- **Technology & Development Program Trail Publications** (available in HTML and PDF formats):
  - **Forest Service Outdoor Recreation Accessibility Guidelines (FSORAG) Pocket Version**: provides detailed guidance for users who plan, design, construct, or maintain developed outdoor recreation areas, while maintaining the natural setting.
  - **Forest Service Trails Accessibility Guidelines (FSTAG) Pocket Version**: provides detailed guidance for users who plan, design, construct, or maintain developed outdoor recreation areas, while maintaining the natural setting.
- **Forest Service Technology & Development Program Recreation Publications Search**
- **Mechanized Trail Building Equipment Web site** provides information about small mechanized equipment to trail designers, builders, and maintenance personnel.
- **Trail Bridge Catalog** helps land managers and engineers select trail bridge types, decks, rail systems, abutment systems, and materials.
- **Trail Fundamentals** include five concepts that are cornerstones of effective trail planning, design, construction, maintenance, and management.

**Cooperative Agreement Partners**
- University of North Carolina Highway Safety Research Center: [Pedestrian and Bicycle Information Center: http://www.pedbikeinfo.org/](http://www.pedbikeinfo.org/)

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