**List of Trail Resources: Trail Standards/Guidelines**

**Revised August 29, 2019**

**Guidelines for Multiples Uses:**

United States Department of Agriculture Forest Service (USFS) Trail Construction

& Maintenance Notebook: 2007 Edition. <https://www.fhwa.dot.gov/environment/recreational_trails/publications/fs_publications/07232806/toc.cfm>

USFS Trail Fundamentals and Trail Management Objectives. 2011. USFS. <http://www.fs.fed.us/recreation/programs/trail-management/trail-fundamentals/Fundamentals_Trng_Pkg_05_01_2011.pdf>

Appalachian Trail Design, Construction and Maintenance, 2nd edition, 2000.

Trail Planning, Design & Development Guidelines.2007. MN DNR, Trails & Waterways Div., St.Paul, MN.

**Hiking/Running/Pedestrian Trails**

The Federal Highway Administration’s Trail Construction and Maintenance Notebook - 2007 Edition (<http://www.fhwa.dot.gov/environment/recreational_trails/publications/fs_publications/07232806/index.cfm>)

Trail Fundamentals and Trail Management Objectives. 2011. USFS. <http://www.fs.fed.us/recreation/programs/trail-management/trail-fundamentals/Fundamentals_Trng_Pkg_05_01_2011.pdf>

Wetland Trail Design and Construction. <http://www.fhwa.dot.gov/environment/recreational_trails/publications/fs_publications/01232833/toc.cfm>

**Mountain Bike Trails:**

International Mountain Bike Association's (IMBA's) Trail Solutions: IMBA's Guide to Building

Sweet Singletrack: https://imba.com/resource/trail-solutions

Best management practices in mountain bike trail construction using International Mountain Bike Association (IMBA) guidelines, with resources available online: <http://www.imba.com/resources>

International Mountain Bike Association's (IMBA's) Trail Solutions: IMBA's Guide to Building

Sweet Singletrack: <https://imba.com/resource/trail-solutions>

National Park Service, Guide to Sustainable Mountain Trails: Trail Assessment, Planning, and Design Sketchbook, September 2007. <http://www.nps.gov/dsc/docs/GuideToSustainableMountainTrails_2007.pdf>

**Off-Highway Vehicle (OHV) Trails:**

ATV/OHV Trail guidelines: *NOHVCC's Great Trails Guidelines*

Management Guidelines for Off-Highway Vehicle Recreation. 2006. Tom M. Crimmins in association with the National Off-Highway Vehicle Conservation Council<http://nohvcc.org/docs/miscellaneous-files/ohvguidelines.pdf?sfvrsn=0>

Best Management Practices for Erosion Control During Trail Maintenance and Construction. Vermont All-Terrain Vehicle Sportsman’s Association. [www.vtvasa.org](file:///C%3A%5CUsers%5Csherryw%5CDownloads%5Cwww.vtvasa.org)

**Snowmobile Trails:**

VAST Trail Policy Manual:

<https://vtvast.org/Forms/2019/Trail%20Policy%20Manual%206-26-18.pdf>

VAST Guide for the Development of Snowmobile Trails: <https://vtvast.org/Forms/2020/Trails%20Manual2019.pdf>

Guidelines for Snowmobile Trail Signing Placement:

[https://vtvast.org/Forms/2020/Guidelines%20for%20Snowmobile%20Trail%20Signing%20&%20Placement%20FY19.pdf](https://vtvast.org/Forms/2020/Guidelines%20for%20Snowmobile%20Trail%20Signing%20%26%20Placement%20FY19.pdf)

International Association of Snowmobile Administrators (IASA) Resources:

<https://www.snowiasa.org/guidelines-resources/>

**Cross-Country and Back-Country Ski Trails:**

Trail Fundamentals and Trail Management Objectives. 2011. USFS. <http://www.fs.fed.us/recreation/programs/trail-management/trail-fundamentals/Fundamentals_Trng_Pkg_05_01_2011.pdf>

Catamount Trail Association Chief Handbook

<http://catamounttrail.org/wp-content/uploads/2016/11/TrailChiefHandbookUpdatedNOV2016.pdf>

Cross-Country Back-Country Ski Trail Etiquette:

<https://catamounttrail.org/ski-the-ct/trail-etiquette/>

**Equestrian Trails:**

Equestrian Design Guidebook for Trails, Trailheads and Campgrounds. December 2007. US Department of Agriculture, Forest Service. <http://www.fhwa.dot.gov/environment/recreational_trails/publications/fs_publications/07232816/index.cfm>

Recreational Horse Trails in Rural and Wildland Areas: Design, Construction, and Maintenance by [Dr. Gene W. Wood](http://www.americantrails.org/resources/wildlife/genewoodwild.html), Professor Emeritus, Clemson University

**Bicycle and Pedestrian Facilities:**

Vermont Pedestrian and Bicycle Facilities. 2002. VTRANS. <http://vtransengineering.vermont.gov/sites/aot_program_development/files/documents/ltf/PedestrianandBicycleFacilityDesignManual.pdf>

AASHTO, Guide for the Development of Bicycle Facilities, 3rd Edition, American Association of State Highway and Transportation Officials, Washington, DC; 888-227-4860, [www.aashto.org](file:///C%3A%5CUsers%5Csherryw%5CDownloads%5Cwww.aashto.org), 1999.

**Waterway and Wetland Trails:**

Best Management Practices for Duck Blinds, Fences, Catwalks and Docks. Vermont Wetlands Division <http://www.vtwaterquality.org/wetlands/docs/wl_catwalk_bmp.pdf>.

Wetland Trail Design and Construction. 2001. USDA Forest Service Publication. <http://www.fhwa.dot.gov/environment/recreational_trails/publications/fs_publications/01232833/toc.cfm>

Logical Lasting Launches: Design Guidance for Canoe and Kayak Launches. 2004. National Park Service Rivers, Trails & Conservation Assistance Program. <http://www.nps.gov/ncrc/programs/rtca/helpfultools/launchguide.pdf>

Developing Water Trails in Iowa. Revised 2010. Iowa DNR. <http://www.iowadnr.gov/Recreation/CanoeingKayaking/WaterTrailDevelopmentTools/WaterTrailsToolkit.aspx>

USFS Standard Trail Plans & Specifications:

<https://www.fs.fed.us/managing-land/trails/trailmanagement-tools/trailplans>

**Accessibility**

Guidelines found in the Accessibility Guidebook on Outdoor Recreation & Trails online at:

https://www.fs.fed.us/recreation/programs/accessibility/pubs/pdfpubs/pdf12232806/pdf1223280

6Pdpi300.pdf

For Adaptive Mountain Bike (aMTB) Trails: Trail Information and Rating Systems

Adaptive Trails (US based rating and trail reviews) <https://adaptivetrails.com/ratings>

Break the Boundary (Based in Australia) <https://breaktheboundary.com>

**Other:**

A long list of FHWA resources, guidance and manuals can be found at:

<http://www.fhwa.dot.gov/environment/recreational_trails/guidance/manuals.cfm>

American Trails is the leading national clearinghouse for trail information and provides additional professional resources: <http://www.americantrails.org/resources/accessible/index.html>