
GUIDE TO PROMOTING BICYCLING ON FEDERAL LANDS

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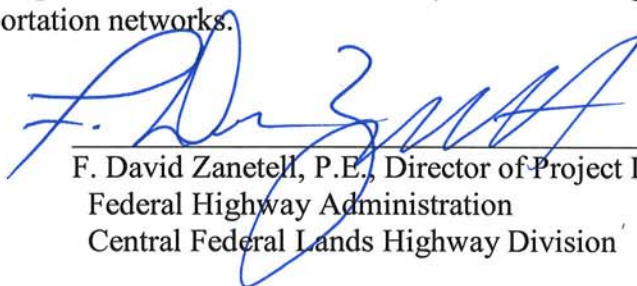


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FOREWORD

The Federal Lands Highway (FLH) of the Federal Highway Administration (FHWA) promotes development and deployment of applied research and technology applicable to solving transportation-related issues on Federal lands. The FLH provides technology delivery, innovative solutions, recommended best practices, and related information and knowledge sharing to Federal agencies, Tribal governments, and other offices within the FHWA.

This report provides information to Federal land managers and others who are interested in promoting bicycling on Federal lands. Bicycling facilities are important transportation and recreation links to connect gateway communities, visitor centers, campgrounds, trailheads, and other attractions on Federal lands. This report presents benefits of bicycling, successful bicycling programs, policies that support bicycling, issues and challenges faced by land managers, and useful resources available to help meet these challenges. Bicycle transportation networks have significant positive impacts for the environment, health and visitor experience on Federal lands. Federal land managers have the opportunity to serve as positive national role models by mainstreaming bicycling to create sustainable transportation networks.



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16. Abstract <p>Federal lands, including units of the National Park Service, National Forests, National Wildlife Refuges, and Bureau of Land Management lands are at a critical juncture. Increasing numbers of automobiles in some areas have led to congestion, poor air quality, damage to natural resources, and degraded visitor experience. At the same time, growth in the number of bicyclists on some of the most scenic roadways has led to motorist–bicyclist conflicts and concern for everyone’s safety. Increased fuel costs and climate change have spawned efforts to reduce fuel consumption and minimize the "carbon footprint" of Federal land agencies. Sixty-one percent of adults in the United States are overweight or obese and childhood obesity rates are soaring. Bicycling networks are one part of the solution to these issues.</p> <p>This report provides guidance to Federal land managers on how to promote bicycling. Bicycling facilities are important transportation and recreation links to connect gateway communities, visitor centers, campgrounds, trailheads, and other attractions on Federal lands. This report presents benefits of bicycling, successful bicycling programs, policies that support bicycling, issues and challenges faced by land managers, and useful resources available to help meet these challenges. Bicycle transportation networks have significant positive impacts for the environment, health and visitor experience on Federal lands. Federal land managers have the opportunity to serve as positive national role models by mainstreaming bicycling to create sustainable transportation networks.</p>			
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SPECIAL MESSAGE

from John Burke, President of Trek Bicycles

The bicycle is a simple solution to some of the world's most complicated problems, including those faced by agencies managing our Federal lands.

Looking at today's pressing issues of climate change, escalating obesity, increasing congestion, and society's diminished connection to nature, there is one common answer. The bicycle is a cure to much of what ails us. It is an elegant, yet simple solution to many complex problems facing our public lands and our communities.

For the first time in our nation's history, the average American child has a shorter life expectancy than his or her parents. Inactivity and obesity are compromising our health. Climate change is threatening our future. Congestion is eroding more than our patience. It is degrading cherished natural and cultural resources and positive visitor experiences.

Recently, I asked myself a simple question; "*Am I doing enough to help change the world by making it a more bike friendly place?*" As the President of Trek Bicycles, I have a great opportunity and a great responsibility to do more. At Trek Bicycles we came up One World, Two Wheels⁽¹⁾ our commitment to get more people to "go by bike." Our goal is to increase by ten-fold the number of trips taken in the United States by bike, from 1/2 percent to 5.0 percent by 2017.

I urge all government agencies to join me in pursuing this opportunity to change the world by adopting and implementing bike friendly programs and policies outlined in this guide - the Federal Highway Administration's "**Guide to Promoting Bicycling on Federal Lands.**" This guide is designed to provide Federal land managers the information they need to promote bicycling on the lands they manage.

The world isn't going to change itself. It's time to take action, to get involved. You are taking the first important step by reading this guide. Let's change the world.



John Burke, President, Trek Bicycles

⁽¹⁾ One World, Two Wheels, is a pledge by Trek and its dealers to make the world a more bike friendly place. <http://1world2wheels.org/go-by-bike-challenge>. The goals of the program are to:

- Give \$1 million to the Bicycle Friendly Community program of the League of American Bicyclists to increase the number of Bicycle Friendly Communities in the U.S.
- Give \$600,000 to the International Mountain Bike Association for their Trail Solutions Program.
- Increase the number of trips taken in the U.S. by bike from the current 1% to 5% by 2017.

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ABBREVIATIONS AND ACRONYMS

AARP	American Association of Retired People
AASHTO	American Association of State Highway and Transportation Officials
ACA	Adventure Cycling Association
ADA	Americans with Disabilities Act
ATPPL	Alternative Transportation in Parks and Public Lands
BLM	Bureau of Land Management
CALTRANS	California Department of Transportation
CCP	Comprehensive Conservation Plans
CDC	Center for Disease Control
CFLHD	Central Federal Lands Highway Division
CFR	Code of Federal Regulations
CMAQ	Congestion Mitigation and Air Quality Improvement Program
COPMOBA	Colorado Plateau Mountain Bike Trail Association
CSS	Context Sensitive Solutions
DOI	Department of Interior
DOT	Department of Transportation
FH	Forest Highways
FHWA	Federal Highway Administration
FLH	Federal Lands Highways
FLHP	Federal Lands Highways Program
FTA	Federal Transit Administration
FWS	United States Fish and Wildlife Service
FY	Fiscal Year
GIS	Geographic Information Systems
GMP	General Management Plan (for NPS)
GPS	Global Positioning System
IMBA	International Mountain Bike Association
ISTEA	Intermodal Surface Transportation Efficiency Act
ITE	Institute of Transportation Engineers
ITS	Intelligent Transportation System
LAB	The League of American Bicyclists

LCI	League Certified Instructor
LOS	Level of Service
LTBMU	Lake Tahoe Basin Management Unit
MMBA	Michigan Mountain Bike Association
MOU	Memorandum of Understanding
MPO	Metropolitan Planning Organization
MTA	Moab Trails Alliance
MUTCD	Manual on Uniform Traffic Control Devices
NAMA	National Mall and Memorial Parks
NBWS	National Bicycling and Walking Study
NCBW	National Center for Bicycling and Walking
NEMBA	New England Mountain Bike Association
NEPA	National Environmental Policy Act
NGO	Non-Governmental Organization
NHS	National Highway System
NHTSA	National Highway Traffic Safety Administration
NM	National Monument
NMRA	North Moab Recreation Areas
NP	National Park
NPCA	National Parks Conservation Association
NPS	National Park Service
NRA	National Recreation Area
NWR	National Wildlife Refuge
OA	Outdoor Alliance
OSI	Outdoor Stewardship Institute
PBIC	Pedestrian and Bicycle Information Center
PDDM	Project Development and Design Manual (for FHWA FLH)
PLH-D	Public Lands Highways Discretionary
PRP	Park Roads and Parkways Program
RMP	Resource Management Plan (for BLM)
RPO	Rural Planning Organization
RRP	Refuge Roads Program
RTC	Rails to Trails Conservancy

RTCA	Rivers, Trails and Conservation Assistance (for NPS)
RTP	Recreational Trails Program
SAFETEA- LU	Safe, Accountable, Flexible & Efficient Transportation Equity Act- A Legacy for Users
SR	State Route
STIP	Statewide Transportation Improvement Program
STP	Surface Transportation Program
TART	Tahoe Area Regional Transit
TE	Transportation Enhancement
TEA-21	Transportation Equity Act for the 21 st Century
TDM	Transportation Demand Management
TIP	Transportation Improvement Program
TRB	Transportation Research Board
TRPA	Tahoe Regional Planning Agency
US	United States
USC	United States Code
USDA	United States Department of Agriculture
USDOT	United States Department of Transportation
USFS	United States Forest Service
VOC	Volunteers for Outdoor Colorado
WABA	Washington Area Bicyclist Association
WASO	Washington Support Office (for NPS)
WTI	Western Transportation Institute

TABLE OF CONTENTS

Executive Summary	1
Chapter 1 – Introduction	7
Chapter 2 – Bicycling Benefits	11
Enhance Visitor Experience.....	11
Reduce Pollution.....	12
Relieve Traffic Congestion and Parking Shortages	12
Improve Visitor Mobility	14
Stimulate and Diversify Economies in Gateway Communities.....	15
Improve Health	15
Chapter 3 – Existing Bicycle Facilities and Programs.....	17
Mackinac Island State Park, MI.....	19
Cuyahoga Valley National Park, OH.....	20
Grand Canyon National Park, AZ.....	23
National Mall & Memorial Parks, Washington, DC.....	26
Harris Neck National Wildlife Refuge, McIntosh County, GA.....	28
Trempealeau National Wildlife Refuge, WI.....	29
US Forest Service Lake Tahoe Basin Management Unit, NV and CA	30
Route of the Hiawatha—MT and ID (Idaho Panhandle and Lolo National Forests)	33
North Moab Recreation Area’s Alternative Transportation Project—Moab, UT	36
Fruita and Grand Junction, CO	37
Additional Bicycle Projects	40
Seasonal Road Closures and Limited Auto Access	40
Shared Bicycle Programs.....	41
Bicycle-Friendly Organizations and Programs.....	42
Chapter 4 – Bicycling Policies.....	45
Agency Overview	45
Chapter 5 – Bicycling Issues on Federal Lands.....	55
Broad Challenges	55
Tracking Bicycle Use.....	56
Roadway Issues.....	58

Trail Issues	64
Funding Issues	69
Chapter 6 – Findings and Recommended Actions.....	75
Appendix A – Bicycling Definitions	81
Appendix B – North Moab Recreation Area and Lake Tahoe Partnerships.....	83
Appendix C – FWS Bicycling Compatibility Determinations	91
Appendix D – Annotated Bibliography	93
Appendix E – On-line Bicycling Resources	113
Appendix F – Bicycle Facility Funding Sources	125
Appendix G – Bicycle Survey Methodology and Results	135
References.....	193

Cover Photo – Bicycling the Route of the Hiawatha Trail. (Photo courtesy USFS.)

LIST OF FIGURES

Figure 1: Yosemite National Park by Bicycle.	11
Figure 2: Cars, Buses, Bicycles and Pedestrian Space Requirements.	13
Figure 3: People Enjoy a Bicycle Taxi Ride.	14
Figure 4: Hand cycling Along Banks-Vernonia Trail in Oregon.	14
Figure 5: Bicycles Connect Kids with Nature.	16
Figure 6: Car-Free on Mackinac Island, MI.	19
Figure 7: Ohio & Erie Canal Towpath Trail— Cuyahoga Valley National Park.	20
Figure 8: Cuyahoga Valley Scenic Railroad.....	20
Figure 9: Cuyahoga National Park Bike Aboard Logo.	21
Figure 10: Unloading Bikes from Train.....	21
Figure 11: Glacier National Park's Red Bikes.	22
Figure 12: Grand Canyon South Rim Greenway.	23
Figure 13: A Quiet Moment on the Grand Canyon's South Rim Greenway.	23
Figure 14: Road Biking in Colorado National Monument.	25
Figure 15: National Mall and Memorial Parks Bicycle Tour.	26
Figure 16: NPS Ranger Jason Martz Leading Bicycle Tour in Washington, D.C.	26
Figure 17: NPS Ranger-led Bicycle Tour.	27
Figure 18: Wood Stork Colony, Harris Neck NWR.	28
Figure 19: Great River State Trail, Trempealeau NWR, WI.	29
Figure 20: Lake Tahoe Basin Forest Service Lands.	30
Figure 21: Lake Tahoe Bicycle Map.	31
Figure 22: Lake Tahoe view from the Rim Trail.	32
Figure 23: Route of the Hiawatha Railroad Trestle.	33
Figure 24: Route of the Hiawatha Interpretive Kiosk.	34
Figure 25: Moab's Famed Slick Rock Trail.	36
Figure 26: Colorado River Bicycle/Pedestrian Bridge.	36
Figure 27: Fruita's Kokopelli Trails Overlooking the Colorado River.	37
Figure 28: Cryptobiotic Soils Education, Horsethief Bench Trail, Fruita, CO.....	38
Figure 29: Riding Tips on Rustler's Loop, Fruita, CO.	39
Figure 30: Rustler's Loop Interpretive Pullout and Adopt-A-Trail Sign, Fruita, CO.	39
Figure 31: Acadia National Park Carriage Road.	40
Figure 32: Pre-season Road Ride in Yellowstone National Park.	41

Figure 33: Clear Creek Greenway, CO..... 63

Figure 34: Tobacco Root Mountains, Montana. 79

Figure 35: Bicycle Route Sign MUTCD. 81

Figure 36: Colorado River Bicycle/Pedestrian Bridge. 83

Figure 37: Federal Lands Highway Program Funding 2005-2009. 126

Figure 38: Transportation Enhancement Funds for Bicycle and Pedestrian Programs. 128

LIST OF TABLES

Table 1: Grand Canyon Greenway Funding.	24
Table 2: Route of the Hiawatha Funding.	35
Table 3: Federal Lands Acreages.	45
Table 4: Federal Transportation Policy Timeline.	49
Table 5: Bicycle Use Estimates on BLM Lands.	56
Table 6: Annual Bicycle Use at National Wildlife Refuges in 2004.	57
Table 7: Bicycle Lane Width Guidance, Minnesota DOT.	61
Table 8: Road Diet Case Study Characteristics (Rosales, 2007).	64
Table 9: SAFETEA-LU Funding for Bicycles Projects.	70
Table 10: Alternative Transportation on Parks and Public Lands Funding—2006 to 2009.	71
Table 11: North Moab Recreation Area Funding Sources.	86
Table 12: United States Department of Transportation Bicycling Sites.	115
Table 13: Bicycle Research, Clearinghouses and Professional Associations.	117
Table 14: Planning and Design Resources.	118
Table 15: Bicycling Advocacy.	120
Table 16: Regional/Local Bicycling Advocacy.	122
Table 17: International Resources for Bicycling.	124
Table 18: Funding Resources for Bicycle Projects.	132
Table 19: Types of Biking on Public Lands.	136
Table 20: Tracking Bikes and Common Issues.	137

