

Resource Guide for Increasing Transportation Options

Produced jointly by Bike-Walk Alliance of New Hampshire and Transport NH, with help from AARP NH and the nine New Hampshire Regional Planning Commissions. 19 Nov 2015

Do you want more transportation options in your community?

• Boost the economy:

- Retail sales increased 49% near protected bicycle lanes in NYC compared to 3 percent in the rest of the borough.
- Retail properties with a Walk Score™ of 80 are valued 54% higher than those with a Walk Score™ of 20, and they have 42% higher net operating income.

AARP Livability Fact Sheets:

<http://www.aarp.org/content/dam/aarp/livable-communities/documents-2014/LivabilityFactSheets/Bicycling-Fact-Sheet.pdf>

<http://www.aarp.org/content/dam/aarp/livable-communities/documents-2014/LivabilityFactSheets/Economic-Development-Fact-Sheet.pdf>

<http://www.aarp.org/livable-communities/info-2014/livable-communities-fact-sheet-series.html>

• Attract millennials:

- 4% fewer 35 to 44 year olds in NH in 2010 than there were in 2000.
- 16 to 34 year olds in US drove 15% less & biked 27% more in 2009 than in 2001.
- Only 68% of 19 year olds in US had a driver's license in 2012.

Millennials in Motion:

<http://www.uspirg.org/reports/usp/millennials-motion>

• Support aging in place:

- 30% of NH will be over 65 by 2030.
- 87% of people 65+ want to age in place.
- Half of non-drivers > 65 do not leave home most days, mainly due to lack of transportation.

Aging in Place, Stuck Without Options:

<http://t4america.org/docs/SeniorsMobilityCrisis.pdf>

• Support healthy kids:

- 33% of US children and adolescents are overweight or obese.
- Only 13% of US kids walked or biked to school in 2009 compared to 50% in 1969.

- 9% of low income kids miss medical appointments because of transportation.
<http://www.childrenshealthfund.org/content/transportation-barriers-health-care-access>
<http://saferoutespartnership.org/healthy-communities/101/facts>
<http://www.hsph.harvard.edu/obesity-prevention-source/obesity-causes/physical-activity-environment/>
<http://content.healthaffairs.org/content/29/3/357.full>

• Increase property values:

- Houses with above-average levels of walkability command a premium of about \$4,000 to \$34,000 more than homes with average levels of walkability.
- Properties within ½ mile of public transportation performed 41% better than properties farther away.
<http://www.realtor.org/articles/public-transportation-boosts-property-values>
<http://www.bankrate.com/finance/real-estate/public-transportation-affects-home-values.aspx>
http://www.aarp.org/content/dam/aarp/livable-communities/documents-2014/Livability_Fact_Sheets/Bicycling-Fact-Sheet.pdf

• Increase tourism:

- Economic return on investment study for WOW trail predicts \$1.79 million in annual net new tourism spending.
<http://wowtrail.org/wp-content/uploads/sites/10/2013/03/final-wow-trail-impact-study.pdf>
- Recreational bicycling contributed \$133B to US economy in 2006, providing sustainable growth in rural areas.
Bicycling means business:
[http://www.advocacyadvance.org/site_images/content/Final_Econ_Update\(small\).pdf](http://www.advocacyadvance.org/site_images/content/Final_Econ_Update(small).pdf)
The Active Outdoor Recreation Economy:
<https://outdoorindustry.org/images/researchfiles/RecEconomypublic.pdf>
Bicycling Tourists Are Older, Wealthier, and In Demand:
<http://www.pewtrusts.org/en/research-and-analysis/blogs/stateline/2015/11/30/bicycling-tourists-are-older-wealthier-and-in-demand>

Here are some tools to help you:

• Start with paint

- Manchester created its first three bike lanes simply by striping them during already scheduled repaving.
http://www.bikemht.com/wp-content/uploads/2014/05/new_hampshire_union_leader_20140506_B01_B05.pdf
<https://www.facebook.com/bikemht/photos/a.717614958301643.1073741830.659488194114320/794933317236473/?type=1&theater>
<https://www.facebook.com/bikemht/photos/a.717614958301643.1073741830.659488194114320/972042516192218/?type=3&theater>

- Try temporary tape or paint to create a demonstration project so the community can visualize how it might look.

Keene Complete Streets Demo:

<https://youtu.be/hqbaG-5-ZJY>

For more information, contact Tara Germond Kessler, Planner, City of Keene

tgermond@ci.keene.nh.us

(603) 352-5474

• Mayors' Challenge

- USDOT Program for Safer People and Safer Streets
<https://www.transportation.gov/mayors-challenge>
- Incremental improvements in one or more of these areas:
 - Complete Streets approach
 - Context sensitive designs
 - Identify barriers to safety
 - Progress via maintenance
 - Track bicycle & pedestrian data
 - Improve bicycle & pedestrian laws
 - Educate & enforce proper road use by all users
- Four NH communities have taken up the Mayors' Challenge:
 - Manchester
<https://www.manchesternh.gov/Mayor-and-Aldermen/Mayors-Office/Contact-the-Mayor>
 - Portsmouth
<http://cityofportsmouth.com/mayor/>
 - Keene
<https://www.ci.keene.nh.us/government/mayor>
 - Hanover
http://www.hanovernh.org/Pages/HanoverNH_Manager/index

• Safe Routes to School

- Improve children's safety while walking and bicycling to school.
- Improve the health of our children & community.
- Bring families, neighbors, school officials & community leaders together.
<http://saferoutespartnership.org/resources/toolkit/where-do-i-begin>
<http://saferoutespartnership.org/resources/report/intersection-active-transportation-equity>

• Bicycle Education

- Bike-Walk Alliance of New Hampshire offers:
 - Certified bicycle education courses
 - Bicycling Skills 1-2-3 Youth
 - Safe Routes to School
 - Smart Cycling
 - Group Rides
 - Videos
 - Public service announcements
- Contact Tim Blagden, tim@bwanh.org, 603-410-5848, www.bwanh.org

• Measure traffic stress

- Find the best return on investment for bicycle infrastructure.
- Identify opportunities to connect isolated low-stress street networks.
- Show the impact of proposed changes visually, so everyone can understand.
- Contact Tim Blagden, tim@bwanh.org, 603-410-5848, www.bwanh.org

• Become Bicycle Friendly

- A Bicycle Friendly Community, Business, or University welcomes bicyclists by providing safe accommodations for bicycling and encouraging people to bike for transportation and recreation.
- Concord, Keene and Portsmouth received Bronze awards.
<http://bikeleague.org/bfa>

• Complete your streets

- Design streets to enable safe access for all users, including pedestrians, bicyclists, motorists and transit riders of all ages and abilities.
- Many of the ways to create more complete roadways are low cost and fast to implement, yet they have high impact.

Smart Growth America's Complete Streets FAQ:

<http://www.smartgrowthamerica.org/complete-streets/complete-streets-fundamentals/complete-streets-faq>

- Have questions? Talk to someone who has done it:

City of Portsmouth:
Juliet Walker, Transportation Planner
jthwalker@cityofportsmouth.com
(603) 610-7216

City of Concord:
Ed Roberge, City Engineer
eroberge@concordnh.gov
(603) 225-8520

City of Keene:
Tara Germond Kessler, Planner
tgermond@ci.keene.nh.us
(603) 352-5474

Town of Swanzey:
Sara Carbonneau, Director of Planning and Community Development
scarbonneau@town.swanzey.nh.us (click to send email)
(603) 352-7411 x 108

Need help finding funds for your project?

• Federal Highway Surface Transportation Program funds

- Bicycle, pedestrian, and transit projects qualify for federal funds as part of the surface transportation authorization, and can be part of the NHDOT Ten Year Transportation Improvement Plan.

<https://www.transportation.gov/fastlane/separating-fact-fiction-bike-ped-project-funding-design-and-environmental-review>

- Ask your Regional Planning Commission for assistance with your project.
 - Click below to find out which region you're in, or ask your municipal planning board.

<http://www.nharpc.org/about-us>

• Air quality funds

- Bicycle, pedestrian, and transit projects qualify for federal Congestion Mitigation and Air Quality (CMAQ) funds.

<http://www.nh.gov/dot/org/projectdevelopment/planning/cmaq/index.htm>

- CMAQ funds were used for the successful Clipper Connection, COAST's express bus service to the Portsmouth Naval Shipyard.

http://www.coastbus.org/clipper_connection.html

• Safety funds

- Federal Highway Safety Improvement (HSIP) funds can be used for bike lanes and bicycle & pedestrian bridges.
- HSIP funds can be used for crosswalks, curb cuts, ramps and many other projects.

- Bicycle & pedestrian data collection and counting equipment are eligible for HSIP funding.
<http://safety.fhwa.dot.gov/hsip/>
- Ask your Regional Planning Commission for assistance with your project.
- **Transportation Alternatives Program**
 - This program funds a wide variety of projects, including recreational trails and safe routes to school.
<http://www.nh.gov/dot/org/projectdevelopment/planning/tap/index.htm>
 - Contact Tom Jameson, NHDOT, tjameson@dot.state.nh.us
 - Ask your Regional Planning Commission for assistance with your project.
- **General information on federal funding sources**
 - This chart compares 13 types of USDOT funding. Your Regional Planning Commission can answer your questions about these programs.
http://www.fhwa.dot.gov/environment/bicycle_pedestrian/funding/funding_opportunities.cfm
 - Advocacy Advance Tools to Increase Biking and Walking
http://www.advocacyadvance.org/site_images/content/Advocacy_Advance_Federal_Funding_Resource_List.pdf
 - Misconceptions about federal funding for bicycle and pedestrian projects
http://www.fhwa.dot.gov/environment/bicycle_pedestrian/guidance/misconceptions.cfm
- **Recreational Trails Program**
 - <http://www.nhstateparks.org/about-us/Trails/grants/recreational-trails-program.aspx>
- **LCHIP: Land & Community Heritage Investment Program**
 - Recreational land purchase
 - Some projects such as boardwalks across sensitive areas might be eligible
<http://www.lchip.org/historic-cultural-resource-pages/lchip-publications-and-documents.asp>
<http://www.lchip.org/content/natural-resource-pages/is-my-project-eligible.asp>
- **USDA funding**
 - Rural transportation improvement
<http://www.rd.usda.gov/programs-services/rural-business-development-grants>
- **Locally controlled funds**
 - RSA 261:153:VI gives communities the ability to fund transportation projects through an optional, locally-controlled vehicle registration fee.
<http://www.gencourt.state.nh.us/rsa/html/XXI/261/261-153.htm>

- LSR 2016-2138 raises the cap to \$10, allowing communities to leverage more federal funds to improve active and public transportation.
- Contact Rebecca Harris for more information: RLHarris@TransportNH.org

- **Swap for parking**

- Allow developers to pay fees in lieu of providing the required parking on site.
- Funds can be used for transit, bicycle, and pedestrian improvements that can reduce parking demand.

<http://www.mapc.org/resources/parking-toolkit/strategies-topic/fees-lieu>

If you have any questions, please contact us.

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Best of luck with your projects!