

Funding Active Infrastructure



Movability audit Petersburg VA REACH.

Mark Fenton
Tufts University
rmfenton777@gmail.com



Topics:



Billings MT

- Some notable federal programs (briefly).
- Metropolitan (Regional) Planning Orgs.
- State transportation budgets. E.g.
 - Maintenance budgets
 - Surface transportation funds
 - Safe Routes to School
 - Trail & recreation programs
- City, county level infrastructure activities.
 - Routine maintenance
 - Capital improvements
 - Special projects
- Private sector development requirements.
- Other unique partners & funding

Federal Transportation Funding examples ...

TAP (Transportation Alternatives Program)

SS4A (Safe Streets for All)

RAISE (formerly BUILD & TIGER grants)

Rebuilding American Infrastructure Sustainability & Equity

CMAQ (Congestion Mitigation & Air Quality)

Rural Surface Transportation Discretionary Program

*ATIIP (applications due 6/17/2024)

Active Transportation Infrastructure & Investment Program

Reconnecting Communities & Neighborhoods Grant

E.g. Rochester NY Inner Loop





National Highway Performance Program

E.g: Bob Michel Bridge,
Peoria IL

\$20 million reconstruction
included protected bicycle &
pedestrian lane. (Tri-County
Regional Planning Commission.)



Before



After

Metropolitan Planning Organizations (MPOs)

- **Required (MPOs)** in population areas of 50,000+.
- **Responsible** for creating regional cooperation & coordination in land use & transportation planning.
- **Authority varies**, for some is limited to providing planning & technical assistance; others set priorities for Transportation Improvement Plan (TIP) funds.
- **Various versions** of planning entities:
 - Regional Planning Organizations (RPO)
 - Transportation Planning Organizations (TPO)
 - Rural Planning Organizations
 - Councils of Governments (COG)



State Transportation Departments

- **Routine maintenance.** Painting, repairing, paving. (E.g. Louisiana Department of Transportation & Development (DOTD) pavement preservation program.)
- **Surface transportation funds.** New construction can (should) include active transportation facilities.
- **Safe Routes to School.** Often have both programmatic & infrastructure components.
- **Trail & recreation funds.** Increasing focus on transportation, not just recreation trail networks.

E.g. share this guide with your community.



**Incorporating
On-Road Bicycle Networks
into Resurfacing Projects**



Hutchinson KS

Before



After

fhwa.dot.gov/environment/bicycle_pedestrian/publications/resurfacing/

E.g. Illinois Public Health Institute.



Staunton IL SRTS

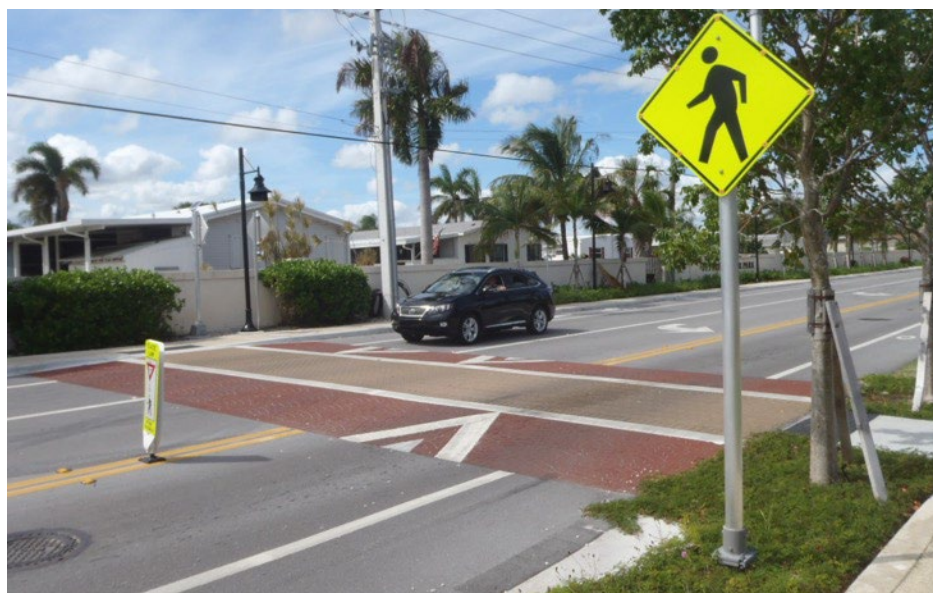
Short term	long term
<ol style="list-style-type: none"> 1. Encouraging sidewalks and parents on the addition of satellite pickup and drop off locations. In addition Re-routing roadways and changing traffic direction away from drop off locations. 2. Designated satellite parking locations @ the Baptist church, north of/between St. Intercession St. and Soccer fields north of school. 3. Placement of bike racks in strategic locations along school property. 	<ol style="list-style-type: none"> 1. Technology movement teaching and incentive programs w/ Parental Based functions. 2. Moving movement-based activities to be a part of school routine programs, even w/ activities outside of school.
<ol style="list-style-type: none"> 1. Solar Powered Signage @ Steps and crosswalk locations 2. Designated satellite parking locations @ the Baptist church, north of/between St. Intercession St. and Soccer fields north of school. 3. Placement of bike racks in strategic locations along school property. 	<ol style="list-style-type: none"> 1. Working trail east of school connecting to subdivisions, west and south of school property. 2. Semi-circle drives on east side of school @ entrances 3. Relocating existing bus garage to the Baptist church property 4. Adding parking lot south of existing school parking on west side of driveway.
<ol style="list-style-type: none"> 1. Miller Street changes to a one way (east) street during school hours. 	<ol style="list-style-type: none"> 1. Potentially changing a series of streets to one way making traffic flow loops through neighborhoods

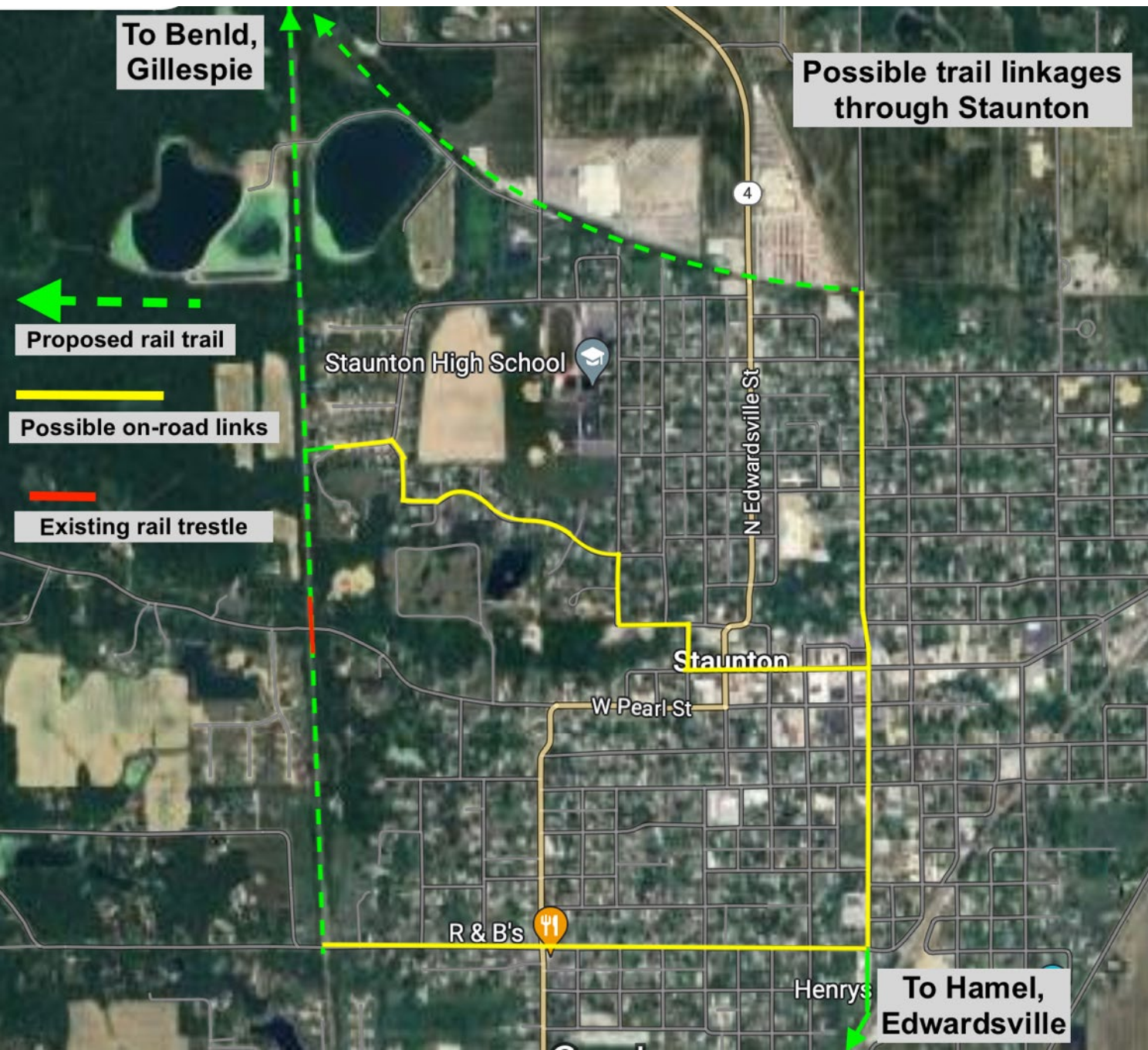


Possible mini-circle, Miller Drive & N. Deneen Street.



Possible speed table location.





Linking B-G Trail & MCT Trail

Significant pedestrian and bicycle improvement *and* economic development opportunity.





Potential resources:

Rivers & Trails Conservation Assistance Program (RTCA)
of the National Park Service

www.nps.gov/orgs/rtca/index.htm



Rails-to-Trails Conservancy

www.railstotrails.org/

E.g. Hawaii State Dept. of Health active transportation initiatives.

- **Complete Streets policy.** Ostensible requirements for all roadway work to account for all users, all ages & abilities, in all modes.
- **Safe Routes to School policy.** Provided funding for programmatic & infrastructure activities.
- **County (city) walk audits.** Facilitated community workshops; trained interdisciplinary teams.
- **Study tours to peer communities.** Interdisciplinary groups (elected, staff, advocates) meet peers, see active transportation infrastructure.

Walk audit trainings



County & City Infrastructure Mechanisms

- **Routine maintenance.** Painting, repair, paving; water, sewer & utility work;
- **Capital improvement plans.** All construction to include pedestrian, bicycle, transit accommodation.
- **Special projects.** Local implementation of state & federal grant programs (local plans often required).
- **Implement all three planning steps:**
 - (1) Comprehensive (master, growth) plan;
 - (2) Ordinances & guidelines (e.g. zoning code);
 - (3) Permitting practices (e.g. planning board).

Practical steps



Sit on boards; advisory committees; priority-setting & project selection work groups.



Inclusive walk audits



Focus groups, design charrettes



Engage Citizen Scientists

E.g. Peoria YMCA Teen Program

Collect and share data



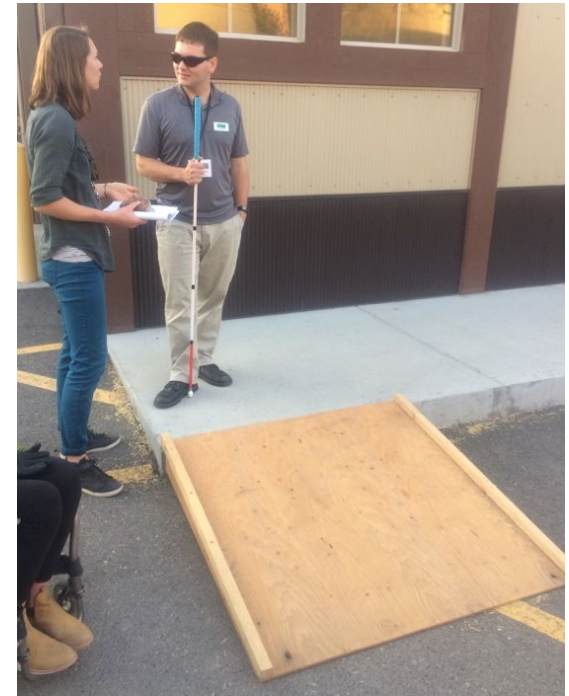
Unique funds . . .

- **SNAP-Ed funds** may be usable for quick builds.
- **Community Foundations** & social justice orgs.
- **Art initiatives**; Street murals, painted crosswalks, street furnishings (e.g. bike racks).
- **AARP**. Age-friendly, livable communities; TA; funding.
- **Sustainability**, renewable energy initiatives.

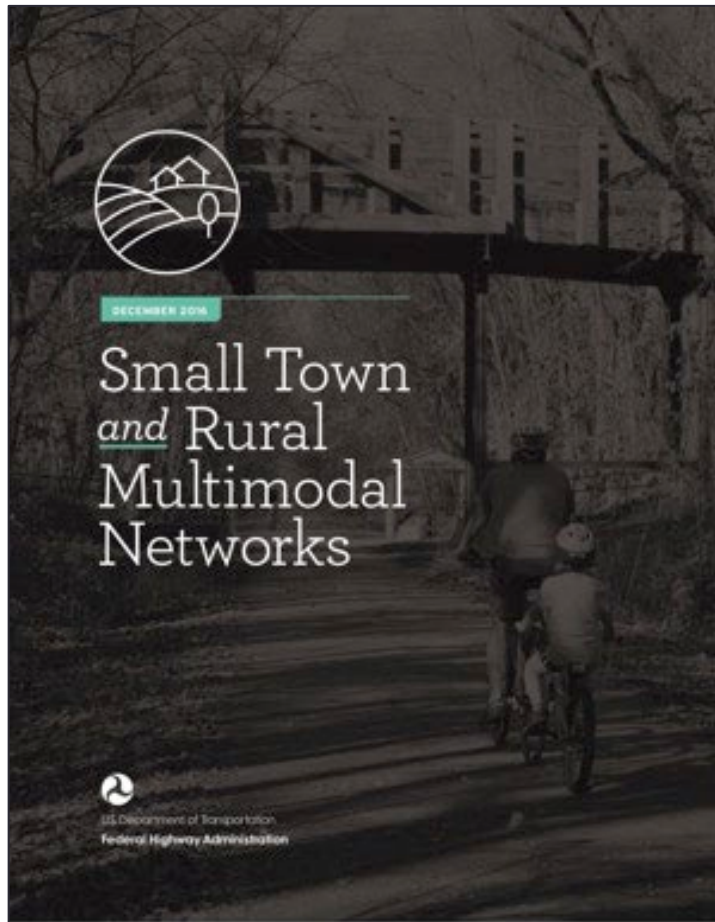




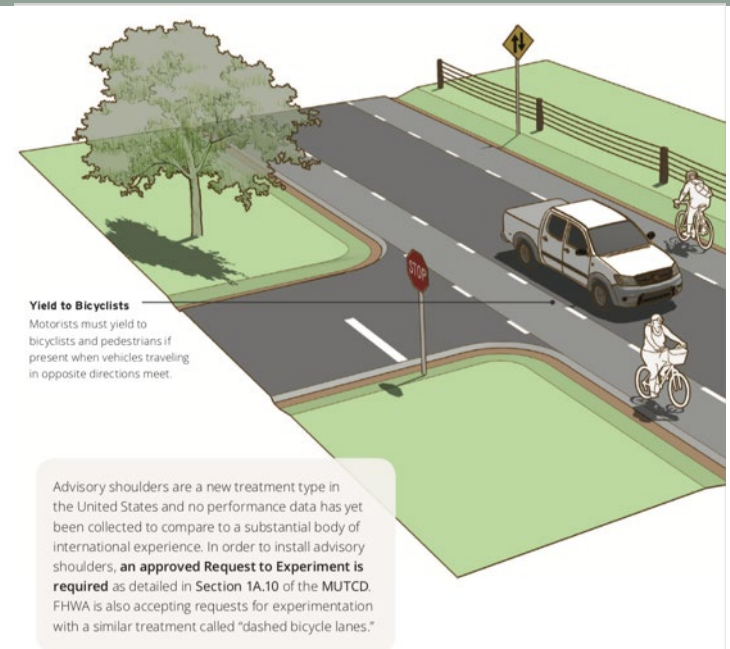
WTI pop-up Trailer



Get your community to adopt these guides . . .



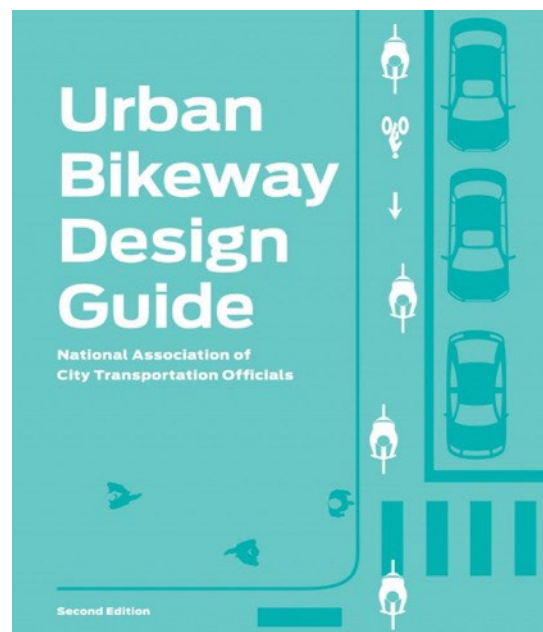
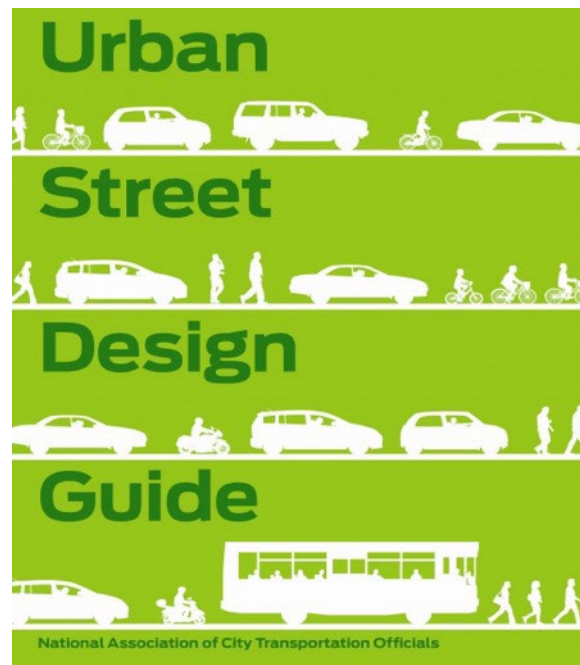
ruraldesignguide.com

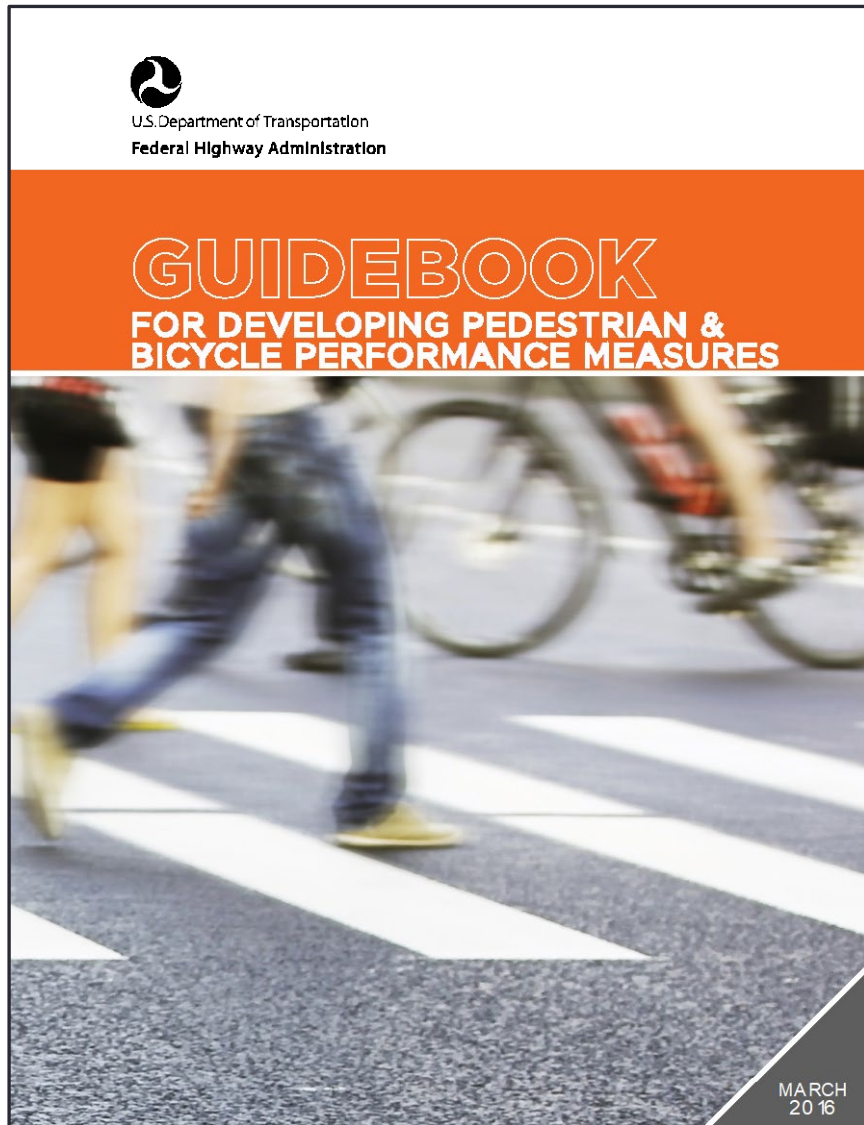


Advisory Shoulder



National Association of City Transportation Officials. nacto.org



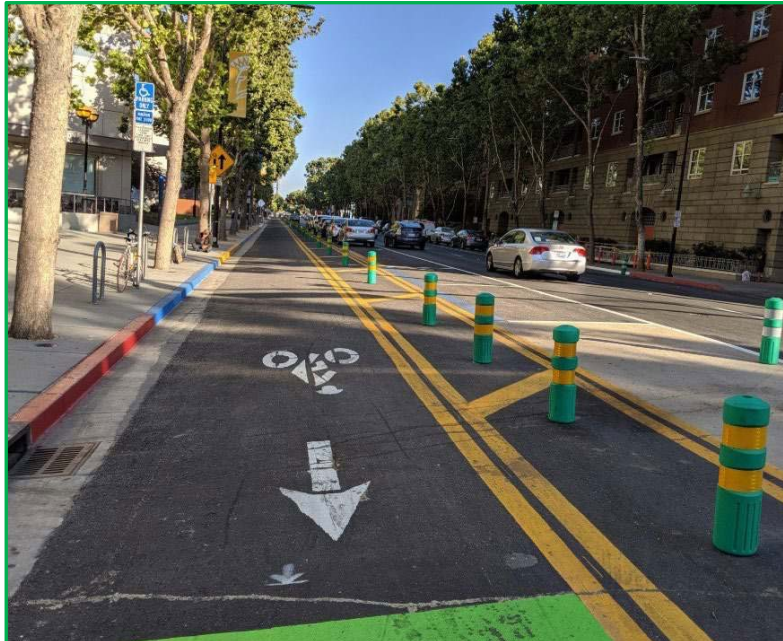


www.fhwa.gov

Over 30 potential performance measures

- **Transport:** VMT; LOS; Avg. travel time, trip length; mode split; person throughput.
- **Economic:** Access to jobs; job creation; land value; retail improvement.
- **Health & equity:** Physical activity; crashes; population served (e.g. age, income, disability, car ownership).
- Infrastructure, land use, connectivity . . .

“Quick-Build” Resources



2020

QUICK-BUILD GUIDE

How to Build Safer Streets Quickly and Affordably

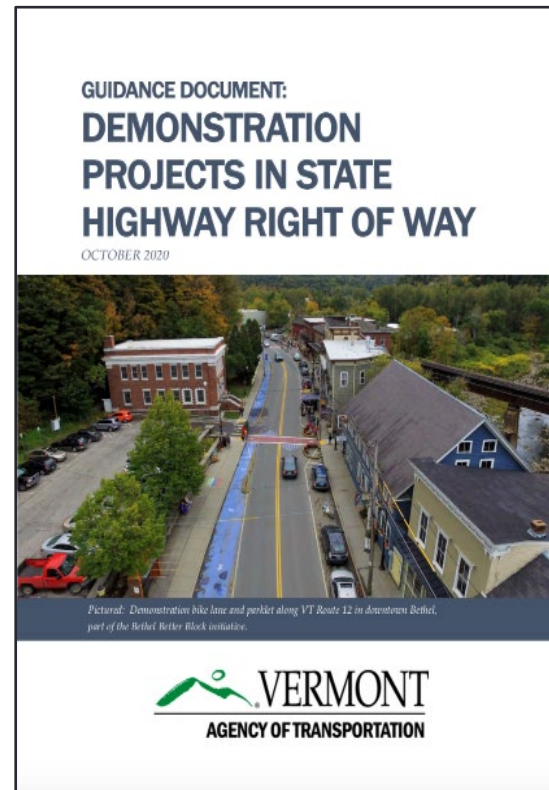
alta



Speed Table Rochester NY

altago.com/resources/quick-build-guide/

SPAN programs: State Guides for Demonstration Projects



Vermont Dept. of
Transportation



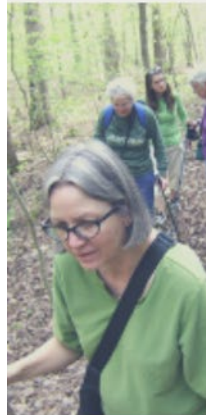
Minnesota Dept.
of Transportation

America Walks



EXAMPLES OF PAST FUNDED PROJECTS

Previous America Walks' Community Change Grantees



EXAMPLES OF FUNDED COMMUNITY CHANGE GRANTS

From photos top to bottom, left to right:

1. Shinnecock Indian Nation Church Street Crosswalk Project
2. Verde's Latina Led Community Foot Patrol/Walking Group
3. Mathews Cultural Arts District Crosswalk Mural
4. Shoals Walk Across Alabama 10-Week Walking Challenge
5. Walking Program in the Jackson Medical Mall
6. Camden Salvation Army Kroc Center Walking School Bus After-School Program
7. Cupertino Safe Routes Student Led Walk/Bike Pop-Up
8. Camden Salvation Army Kroc Center Walking School Bus Cleanup Program

americawalks.org/community-change-grants/

AARP Livable Communities



www.aarp.org/livable-communities/
www.aarp.org/livable-communities/community-challenge/

National Association of Realtors

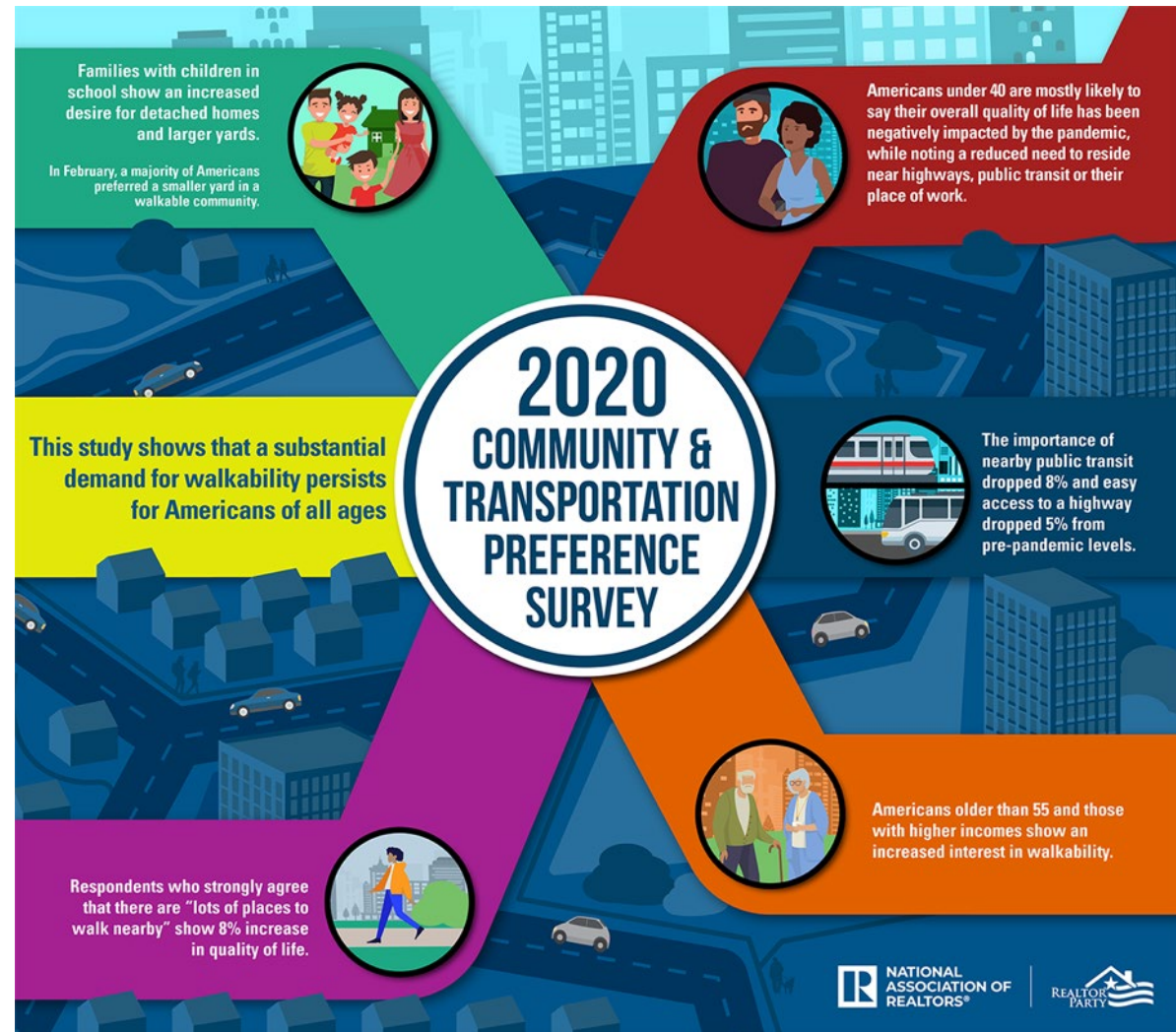


NATIONAL
ASSOCIATION of
REALTORS®



Annual community surveys to explore home-buyers' preferences show a growing desire for walkable, livable communities.

National Association of Realtors Smart Growth Grants are designed to support local community change efforts.



realtorparty.realtor/community-outreach/smart-growth

TOOLE
 DESIGN

RESOURCE
 GUIDE // Vol 03

Ensuring an Equitable Approach to Rebalancing Streets

14 Strategies to Manage Change with Ethics, Equity, and Empathy

TOOLEDESIGN.COM

February 2021



Equity

Empathy



Ethics