



U.S. Department of Transportation  
**Federal Highway Administration**

# Key Collaborations - FHWA Health in Transportation

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# Disclosure

## Notice

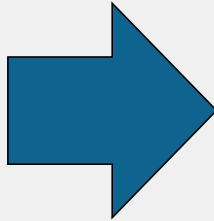
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# Transportation and Public Health: The New 3 E's

## Old

- Engineering
- Education
- Enforcement



## New

- Equity
- Ethics
- Empathy

Source: Jennifer Toole  
<https://tooledesign.com/thenewes/>



# Transportation → Public Health Pathways



- Connectivity and access
- Safety and injury prevention
- Air quality
- Active Transportation and physical activity
- Transit availability
- Equity
- Evacuation and emergency response

Source: [https://www.fhwa.dot.gov/planning/health\\_in\\_transportation/planning\\_framework/](https://www.fhwa.dot.gov/planning/health_in_transportation/planning_framework/)

# HinT Overview

Workgroup - Health In Transport: x +

fhwa.dot.gov/planning/health\_in\_transportation/workgroup/

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## Health in Transportation

Health in Transportation Working Group

Frequently Asked Questions

Planning Framework

Resources

Outreach Brochures

### Contacts

For more information, please contact:

- Frederick Bowers
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- Victoria Martinez
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- Jill Stark

FHWA → Planning → Health In Transportation

## Health in Transportation Working Group

The Health in Transportation Working Group is a group of U.S. Department of Transportation (USDOT) staff that began in early 2012 to:

- Develop a common understanding of health in transportation;
- Identify aspects of existing USDOT programs that relate to health; and
- Address stakeholder's health-related concerns and communicate these concerns within the agency.

Working Group members focus on developing resources and expertise related to health within the Federal Highway Administration (FHWA), the Federal Transit Administration (FTA), the National Highway Traffic Safety Administration (NHTSA), and the Office of the Secretary of Transportation (OST), and improving leadership and communication across the agency on the relationship between transportation and health.

The Working Group considers approaches to address health issues and requests for information, responds to upcoming priorities and issues, and works to inform efforts by DOT and partner organizations to tackle pressing and emerging matters relating to transportation.

### Annual Reports

- 2016
- 2015
- 2014
- 2013

https://www.fhwa.dot.gov/planning/health\_in\_transportation/

1:31 PM 3/3/2021

# The Framework



- People first
- Six steps common to corridor planning studies
- Information to integrate public health at each step
- Practitioners apply information they need into the corridor study

Source: [https://www.fhwa.dot.gov/planning/health\\_in\\_transportation/planning\\_framework/](https://www.fhwa.dot.gov/planning/health_in_transportation/planning_framework/)



# 2015 Test Corridors



Classen Avenue, OKC



South Arlington Corridor, Akron, OH



SR 109, Nashville, TN



College Avenue, Appleton, WI



Haddon Ave., Camden, NJ

Source: [https://www.fhwa.dot.gov/planning/health\\_in\\_transportation/planning\\_framework/framework\\_test\\_cases/index.cfm](https://www.fhwa.dot.gov/planning/health_in_transportation/planning_framework/framework_test_cases/index.cfm)

# 2020 Test Corridors



Rodgers Ave, Fort. Smith, AR



US 101 San Luis Obispo, CA



I-10 Corridor, Houston, TX



Main Street, Bloomington-Normal, IL



SR 224, Summit County, UT



Central Ave Trail, Prince George's County, MD

# Lessons Learned

Community engagement health resonates with the public and transportation agencies are using community input for data

Improve partnerships working with other agencies improves success and having an FHWA Framework opens doors

Institutionalize health partnerships, success stories, and public support help change the outcomes

## The Big Picture – Transform Rogers Ave.

Physical activity, diet, safety and injury rates, exposure to pollution, and how easily people can access work, shops, services and schools is influenced by public facilities. The connection is clear—healthy community design matters. The Rogers Avenue planning framework is an important tool to achieve healthier built environments in Fort Smith.



Figure 1: Conceptual rendering of a facility similar to Rogers Avenue. Courtesy: Hollywood Blvd. <https://www.safestreetsummit.org/2020-safe-streets-awards>

Source: [https://www.fhwa.dot.gov/planning/health\\_in\\_transportation/planning\\_framework/framework\\_test\\_cases/index.cfm](https://www.fhwa.dot.gov/planning/health_in_transportation/planning_framework/framework_test_cases/index.cfm)



# Making the Healthy Connections – Economic Benefits of Access to Essential Services

**Transportation and other basic infrastructure investments are the foundation of every successful community.**

- Investments must be transparent, coordinated and coherent.
- Equitable investments improve wellbeing. Underinvestment leads to disenfranchisement.
- Making transportation investments that support more equitable and healthier outcomes are beneficial to the whole community.
- Including health outcomes will cultivate champions, increase participation and leverage support.
- Economic Benefits Outreach Brochures: Making the (Healthy) Connection





# Making the Healthy Connection: Partnerships

## BY THE NUMBERS

**191% INCREASE**  
in property values

In Evanston, IL, land use and transportation agencies coordinated land use and transportation policies to increase property values, allowing the city to lower its tax rate.

**NEARLY 40**   
rural public transit systems

The Montana DOT worked with local councils on aging to coordinate efforts and apply jointly for grants to rapidly expand rural public transit service in the state between 2008 and 2015.

**\$700 MILLION**  
in savings

A study from the Transit Cooperative Research Program found that coordinating transportation services among agencies can save millions nationwide.

**74%**   
of people value short commutes

Based on a national community preference survey conducted by the National Association of Realtors, short commutes are popular. Coordinating land use and transportation services can reduce commutes and increase transportation options.

Communities consist of intertwined systems of land use, transportation, and the built environment. How one system is managed impacts all other systems – increasing the need to work together to make positive change. As a result, health and transportation concerns can be found in different public agencies with similar or supportive goals. By working together agencies can meet these goals faster and with fewer resources. Decision makers are more inclined to support new initiatives that show a larger benefit to the community.

## INTERAGENCY PARTNERSHIPS

MAKING CONNECTIONS

## What can you do to support your local economy?

Reach out to land use, public health, public works, housing, economic development, and other public agencies to learn about plans or programs that may overlap with your transportation goals and objectives. Develop relationships with people in those agencies. When you're starting a new project, they may be more interested in getting involved. Think about private and nonprofit sector agencies that may also have overlapping interests. Whenever you coordinate efforts, save resources, and align projects, you are doing a service for your agency and community.

[https://www.fhwa.dot.gov/planning/health\\_in\\_transportation/](https://www.fhwa.dot.gov/planning/health_in_transportation/)



## What are the benefits of Interagency Cooperation?

### FOR COMMUNITY MEMBERS

We'll need safe and convenient ways to get around – especially people who don't drive. Getting people to work, school, and other destinations should be a priority for transportation, land use, public health, education, and economic agencies.

### Increases mobility and access options

Partnerships between land use and transportation can improve mobility and access options for residents, especially those who don't drive. Safe and convenient options to get to school, work, or critical services can make a major difference in people's lives. Older adults can age in place longer if they have opportunities to walk or take transit to visit friends, make doctor's appointments, and access other destinations. The Montana DOT worked with local councils on aging to coordinate efforts and apply jointly for grants to rapidly expand public transit service in the state between 2008 and 2015.

Sources in this brief include: Davis, Bill. Environment Matters for Innovation? A Quantitative Study of the Physical Aspects of Innovation. (2010). In the United States, Transportation Research Board (2012). Where is the Land of Opportunity? The Geography of Interagency Mobility in the United States. National Bureau of Economic Research (2014). Reconnecting Small-Town America by Dan New. Federal Transit Administration. (2015). FTA's 2015 Economic Benefits of Coordination of Human Services Transportation and Transit Services (2015). Photos: Shutterstock.



### FOR LOCAL GOVERNMENTS

When multiple agencies are working to improve the quality of life within their community, why not coordinate efforts? No single agency is responsible or able to make holistic changes to a community's design alone – they need to work together to make sure all aspects of a healthy community are being considered, from safety, to transit access, to equity concerns.

### Reduces costs of government programs

Agencies can pool resources and coordinate activities to meet joint goals. One study found that partnerships between transit agencies and health and human services agencies can save \$700 million across the United States through trip coordination and streamlining paratransit services. Including private businesses on project steering committees can encourage partnerships and sometimes financial support from the private sector.

### Expedites project delivery

Projects can be delayed for many reasons – often due to lack of public support or a lack of funding. Bringing all important parties to the table early can move projects from conception to reality more quickly. Each agency can also provide support and outreach to prioritize and fund projects.

### Attracts Business Investment

Coordinating land use planning and transit services can create attractive communities for new businesses. Small businesses are more likely to choose locations in mixed use neighborhoods with robust transit service. Resilient transit oriented neighborhoods depend on careful coordination between land use and transportation agencies.

### FOR BUSINESSES

For many businesses, new transit service or other infrastructure project alone is not enough to entice new investment. Coordinated land use and transportation policies must also be in place.

### Improves connections with the business community

Interagency programs are a great way to involve the business community and encourage investment. Land use and transportation agencies can put forward strong initiatives around transit oriented development or other planning efforts designed to improve public health opportunities and attract new businesses. Campbell Soup Company, as an "anchor institution" in Camden, NJ, is encouraging other businesses to support the city's "Road to Health" initiative.

Source: [https://www.fhwa.dot.gov/planning/health\\_in\\_transportation/outreach/](https://www.fhwa.dot.gov/planning/health_in_transportation/outreach/)



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# White Paper: Rural Transportation Opportunities to Expand Mobility Options and Improve Health

- Purpose: Resource for State and local transportation agencies to identify and pursue opportunities for improving transportation and health in rural areas
- Focus on transportation and health challenges and opportunities in rural areas
  - Mobility: The ability of all residents, including people who do not drive, to get where they need to go with safe and reliable transportation options.
  - Physical activity and active transportation: Using non-motorized transportation modes, including walking and biking.



Source: [https://www.fhwa.dot.gov/planning/health\\_in\\_transportation/resources/fhwahep22006.pdf](https://www.fhwa.dot.gov/planning/health_in_transportation/resources/fhwahep22006.pdf)



# Making Healthy Connections FHWA Public Roads Article

**Source:**  
**<https://highways.dot.gov/public-roads/summer-2023/05>**

The screenshot shows a web browser window displaying the FHWA Public Roads article. The browser's address bar shows the URL <https://highways.dot.gov/public-roads/summer-2023/05>. The page header features the U.S. Department of Transportation Federal Highway Administration logo and navigation links: About FHWA, Programs, Resources, and Newsroom. The article title is "Making Healthy Connections in Transportation" by Jhoset Burgos-Rodríguez, Victoria Martinez, Elliot Sperling, Anthony Nicome, and Wendy Heaps. The main image shows a woman in a red jacket and scarf riding a wheelchair on a paved path. Below the image is the credit "© adamkaz / iStock.com." To the right of the article is a sidebar with a "Celebrating 40 Years" graphic and a "Subscribe to Public Roads" button. The Windows taskbar at the bottom shows the date and time as 1:54 PM on 7/7/2023, and the system tray includes weather information (86°F Windy) and a notification icon.

Making Healthy Connections in Transportation  
by Jhoset Burgos-Rodríguez, Victoria Martinez, Elliot Sperling, Anthony Nicome, and Wendy Heaps

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# Additional Resources



# Additional Resources

**ENHANCING  
COMMUNICATIONS**  
IN TRANSPORTATION  
& HEALTH



- Understand how transportation and health stakeholders can find common ground
- Discover which techniques may be most effective for communication, coordination and collaboration
- Find a wealth of tools and resources to support your efforts

**Explore these topics and more in the NCHRP 25-25 Task 105 "Connecting Transportation and Health: A Guide to Communication and Collaboration."**

The information contained in this brochure was prepared as part of NCHRP Project 25-25/Task 105, National Cooperative Highway Research Program.

**SPECIAL NOTE:** This document IS NOT an official publication of the National Cooperative Highway Research Program, Transportation Research Board, National Research Council, or The National Academies.

## **NCHRP** RESEARCH REPORT 932

### **A Research Roadmap for Transportation and Public Health**



The National Academies of  
SCIENCES • ENGINEERING • MEDICINE  
TRANSPORTATION RESEARCH BOARD



Source:  
<https://apps.trb.org/cmsfeed/TRBNetProjectDisplay.asp?ProjectID=4101>



## Additional Activities Underway

- Updating Moving Healthy Brochure
- The FHWA Complete Streets Working Group – CDC Coordination



# Thank You / Discussion

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