

# MOVING ACTIVE TRANSPORTATION TO HIGHER GROUND

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USDOT



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

# Outline

1. Ongoing FHWA and USDOT activities
2. Selected recent research
3. Questions for consideration



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**Photo Credit: USDOT**

# Ongoing Activities

- *Safer People, Safer Streets Initiative*
- Pedestrian and bicycle assessments
- Network documentation and promotion
- Resource development
  - Road Diet Informational Guide
  - *Separated Bike Lane Planning and Design Guide*



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**BIKESAFE** Bicycle Safety Guide and Countermeasure Selection System

Guide: Background | Statistics | Analysis | Implementation |  
Countermeasures: List | Tool | Matrices | Case Studies | Resources

The **Bicycle Safety Guide and Countermeasure Selection System** is intended to provide practitioners with the latest information available for improving the safety and mobility of those who bike. The online tools provide the user with a list of possible engineering, education, or enforcement treatments to improve bicycle safety and/or mobility based on user input about a specific location.

**GUIDE**

**Background**  
Understand what is needed to create a viable bicycle network.

**Statistics**  
Learn about the factors related to the bicycle crash problem.

**Analysis**  
How crash types can lead to the most appropriate countermeasures.

**Implementation**  
Needed components for treatments.

**COUNTERMEASURES**

**Selection Tool**  
Find countermeasures based on desired objectives.

**Countermeasure List**  
A comprehensive list of all countermeasures.

**Selection Matrices**  
Find countermeasures based on crash types and performance objectives.

**CASE STUDIES**

**RESOURCES & GUIDELINES**

Authors and Acknowledgments

Federal Highway Administration

**PEDSAFE** Pedestrian Safety Guide and Countermeasure Selection System

Guide: Background | Statistics | Analysis | Implementation |  
Countermeasures: List | Tool | Matrices | Case Studies | Resources

The **Pedestrian Safety Guide and Countermeasure Selection System** is intended to provide practitioners with the latest information available for improving the safety and mobility of those who walk. The online tools provide the user with a list of possible engineering, education, or enforcement treatments to improve pedestrian safety and/or mobility based on user input about a specific location.

**GUIDE**

**Background**  
Understand what is needed to create a viable pedestrian system.

**Statistics**  
Learn about the factors related to the pedestrian crash problem.

**Analysis**  
How crash types can lead to the most appropriate countermeasures.

**Implementation**  
Needed components for treatments.

**COUNTERMEASURES**

**Selection Tool**  
Find countermeasures based on desired objectives.

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**CASE STUDIES**

**RESOURCES & GUIDELINES**

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# Ongoing Activities



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- **Guidebook for Evaluating, Establishing, and Tracking Pedestrian and Bicycle Performance Measures**
- Transportation Alternatives Program (TAP) Performance Management Guidebook
- Multimodal Conflict Points
- Flexibility in Pedestrian and Bicycle Facility Design
- Global Benchmarking on Delivering Safe and Connected Pedestrian and Bicycle Networks
- Workbook for Building On-Road Bike Networks through Routine Resurfacing Programs
- NHI Pedestrian Facilities Design Course Update

## **Strategic Agenda for Pedestrian and Bicycle Transportation**

- **Data**
- Research
- Training
- Design Guidelines

For project updates, funding information, policy background, etc., visit:  
[www.fhwa.dot.gov/environment/bicycle\\_pedestrian](http://www.fhwa.dot.gov/environment/bicycle_pedestrian)

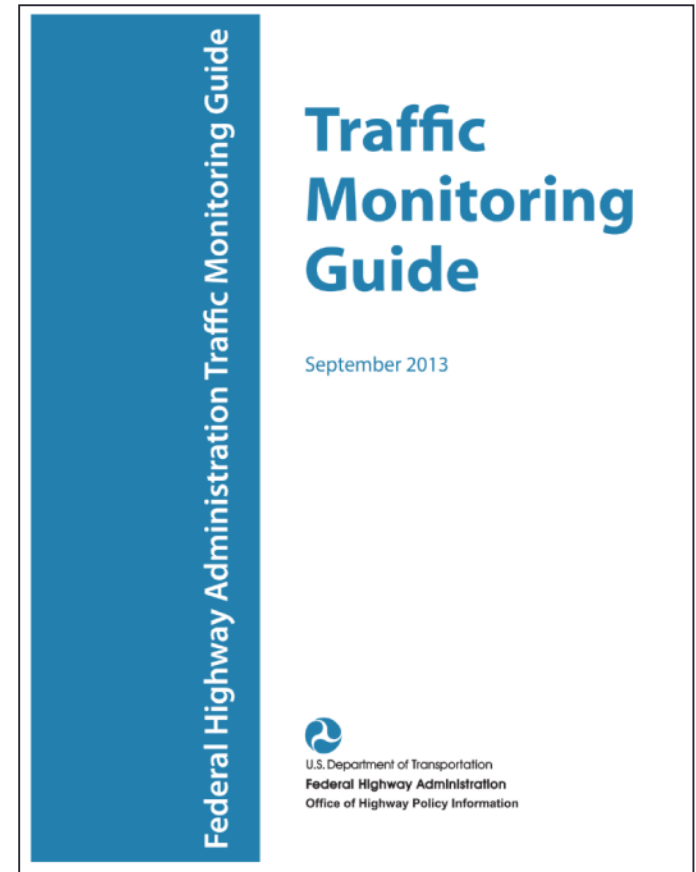
# Ongoing Activities



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## Pedestrian and Bicycle Data Activities

- Pedestrian and Bicycle Updates to the Traffic Monitoring Guide (TMG) and the Traffic Monitoring Analysis System (TMAS)
- Nonmotorized Toolkit (NMTK)
- White Papers
  - Bicycle/Pedestrian Forecasting Methods
  - Crowd-Sourcing Using Social Media and GIS
- University Transportation Center engagement
- Counting technology deployment pilot



# Selected Recent Research



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- **NCHRP 07-17:** Pedestrian and Bicycle Transportation along Existing Roads
- **NCHRP 07-19:** Methods and Technologies for Collecting Pedestrian and Bicycle Volume Data (Report 797)
- **NCHRP 08-78:** Estimating Bicycling and Walking for Planning and Project Development (Report 770)



# BICYCLING AND WALKING IN THE UNITED STATES

## 2014 BENCHMARKING REPORT



# How Great Leaders Inspire Action

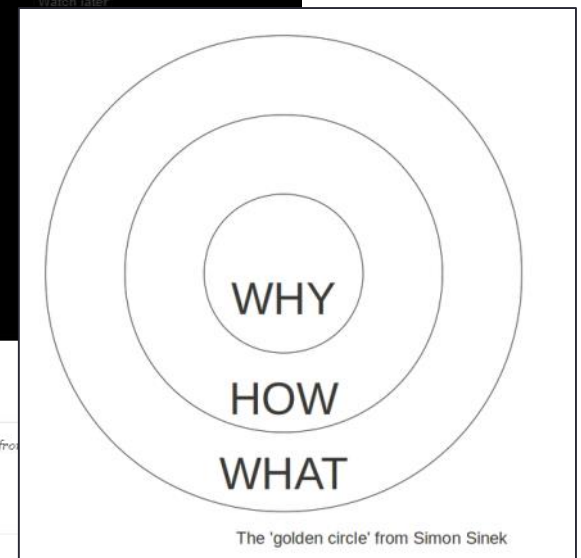
## Simon Sinek

### TEDxPuget Sound, September 2009



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The screenshot shows the TED website interface. At the top, there is a navigation bar with 'TED' in large letters and links for 'Watch', 'Read', 'Attend', 'Participate', and 'About'. A search bar and a 'Log in' link are also present. The main content area features a video player for Simon Sinek's talk 'How great leaders inspire action'. The video player includes a play button, the title 'How great leaders inspire action', and the speaker's name 'Simon Sinek'. Below the video player, there are social sharing icons and a view count of 20,546,727. The video description below the player reads: 'Simon Sinek has a simple but powerful model for inspirational leadership all starting with a golden circle and the question "Why?" His examples include Apple, Martin Luther King, and the Wright brothers ... (Filmed at



**Source: Simon Sinek**

[www.ted.com](http://www.ted.com)



# Questions for Consideration

1. To what degree is this:
  - An “institutionalization” challenge?
  - A “scaling up” challenge?
  - A resource or a coordination challenge?
2. What are the “why” statements that link together seemingly disparate data activities, while also helping to *tell a compelling story* to a broader audience?
3. What does the best case future scenario look like for pedestrian and bicycle data?

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Photo Credit: USDOT

## For more information

[http://www.fhwa.dot.gov/environment/bicycle\\_pedestrian/](http://www.fhwa.dot.gov/environment/bicycle_pedestrian/)

[http://safety.fhwa.dot.gov/ped\\_bike/](http://safety.fhwa.dot.gov/ped_bike/)

<http://mutcd.fhwa.dot.gov/>