



**Indiana**  
**Department**  
**of**  
**Health**

# HOW TRANSPORTATION AND HEALTH CAN PARTNER IN ACTIVE TRANSPORTATION

PETE FRITZ, FAICP, PLA

# Bicycle and Pedestrian Safety is Increasingly a Personal Issue

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How many of you know a friend or family member who has been injured or killed while walking or bicycling?

# It Happened to Me!



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# But I'm Not Here to be This Guy!



# Policy, Systems and Environmental Change that Creates Safe and Active Communities

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This presentation will explore how a State Health Department and its partners can influence:

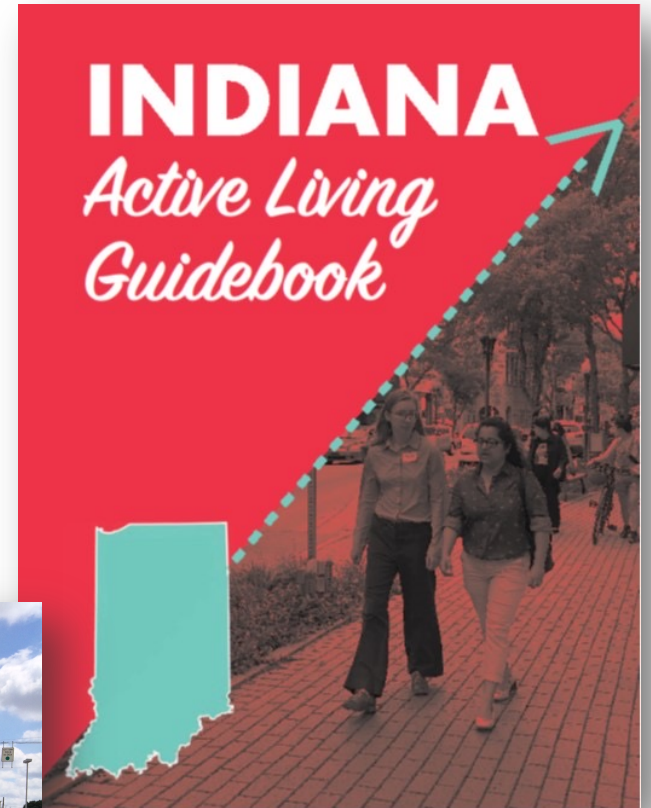
- **Policies**-that support and encourage active communities.
- **Systems Change**-that promote active living environments.
- **Environmental Change**-that implements more livable and active communities.



Constructing a bumpout as part of a tactical urbanism project (Big Car Collaborative)

# Promoting Active Transportation in Indiana

- 18 Planning for Bicycle-Friendly Community Workshops
- 5 Safe Routes to Schools Trainings
- Created a Statewide Safe Routes to School Guidebook
- 7 Complete Streets Workshops
- 47 Active Living Workshops
- 31 Community Bicycle and Pedestrian Master Plans Funded
- 22 Tactical Urbanism Projects Funded
- Conducted over 50 Community Walk Audits
- Published the Indiana Active living Guidebook



A human bumpout exercise during a walk audit



# Partnerships Promoting Active Transportation

Health by Design (statewide active living coalition)

Community Health Coalitions

Bicycle Indiana (statewide bicycle advocacy group)

AARP Indiana

INDOT/IDNR Partnership

American Planning Assoc.-Indiana

Purdue Agricultural Extension Education



# Convener of State Multi-Agency Work Group

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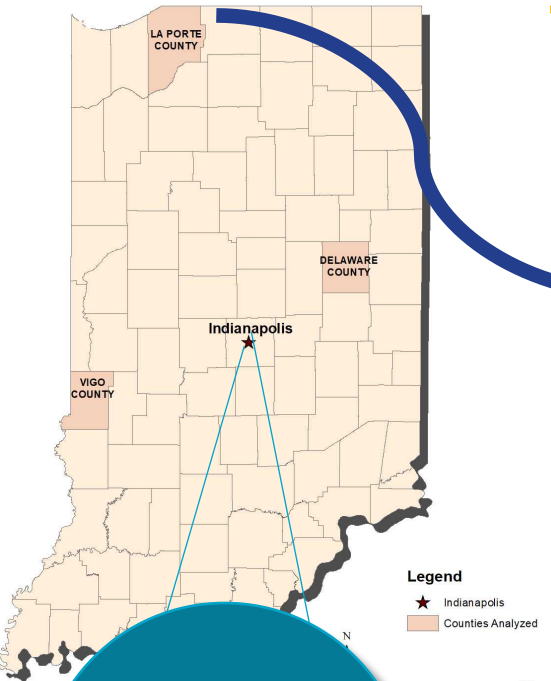
Interagency MOU signed by agency leadership

- Sponsored the Indiana Bike and Walk Summit
- Helped prepare Indiana's first Active Transportation Plan
- Conducting active living workshops
- Helping to write INDOT's Strategic Highway Safety Plan
- Funded local bike and pedestrian master plans



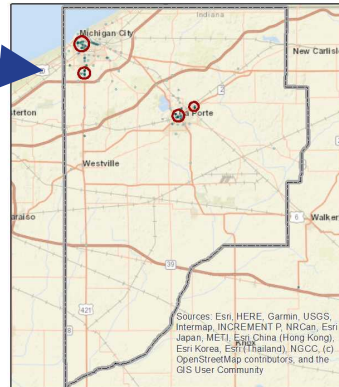


# The Multi-agency Work Group Prepared a Statewide Bicycle and Pedestrian Crash Report



**Legend**  
★ Indianapolis  
Counties Analyzed

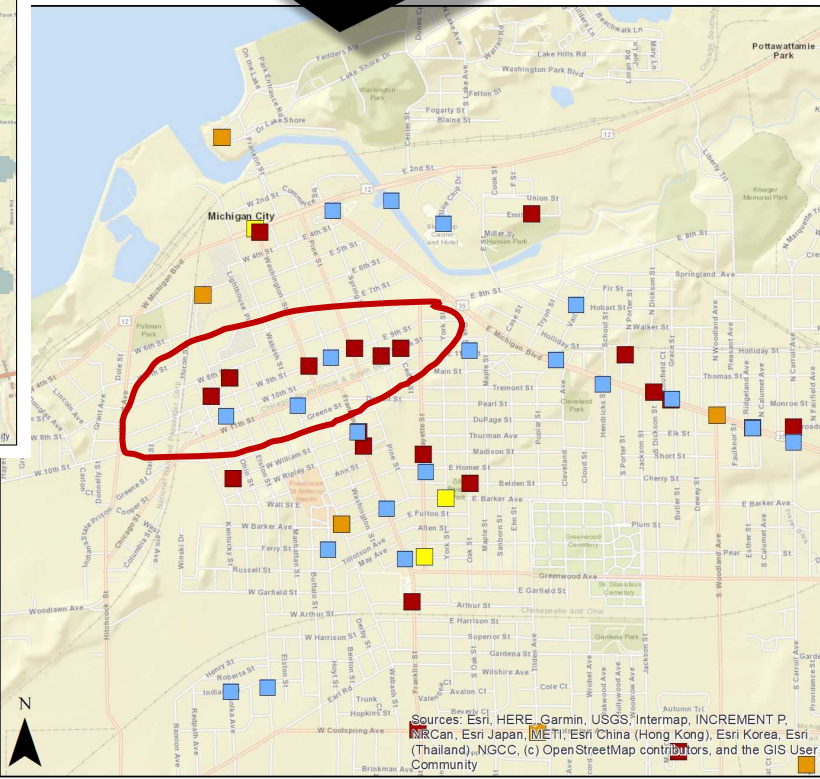
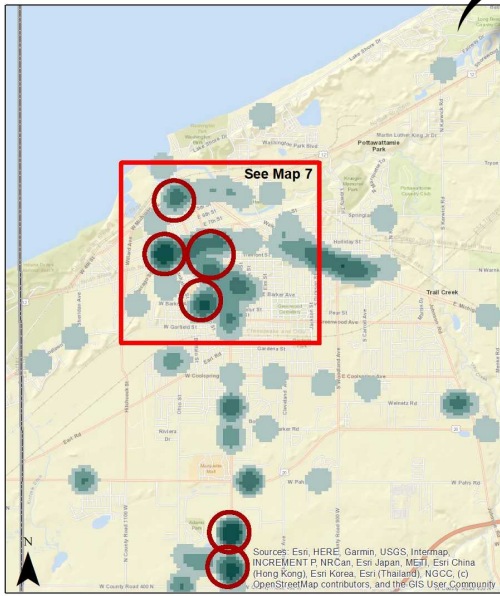
Marion County  
102 pedestrians  
struck & killed from  
2014 -2018



**Legend**  
Pedestrian Crash Density  
Low to no density  
Medium density  
High density  
LaPorte County Boundary  
Hotspots

Cash data: ARIES 2015-2019  
Kernel Density by Indiana Dept. of Health  
ArcMAP 12-17-2020 MLH

0 0.3 0.6 1.2 1.8 2.4 Miles



**Legend**  
**Injury Status**  
Fatal or Incapacitating  
Non-Incapacitating  
Refused assistance  
Other, unknown status

NOTES:  
Crash data: ARIES 2015-2019  
ArcMAP 12-23-2020 MLH



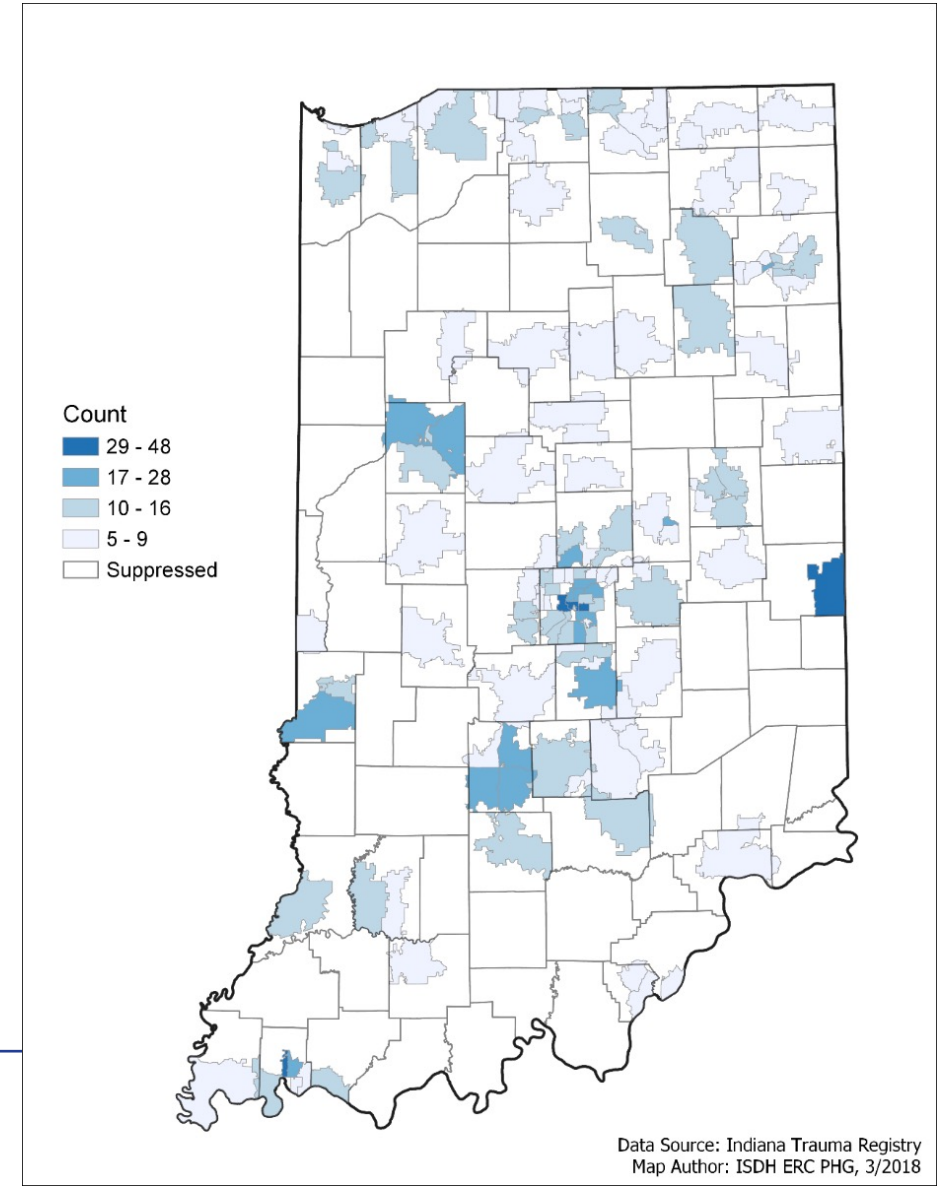
# IDOH Provided Crash Data Collection and Analysis for Statewide Bike Trails Task Force

## Indiana Bicycle Crashes 2009-2016 by Zip Code

77% of crashes were male

39% of crashes were 0-18 years old

18% of the crashes were Hispanic or Latino, yet they only represent 6.5% of Indiana's population



# Active Living Workshops



Cross sector collaboration

Community engagement

Builds organizational and  
community capacity

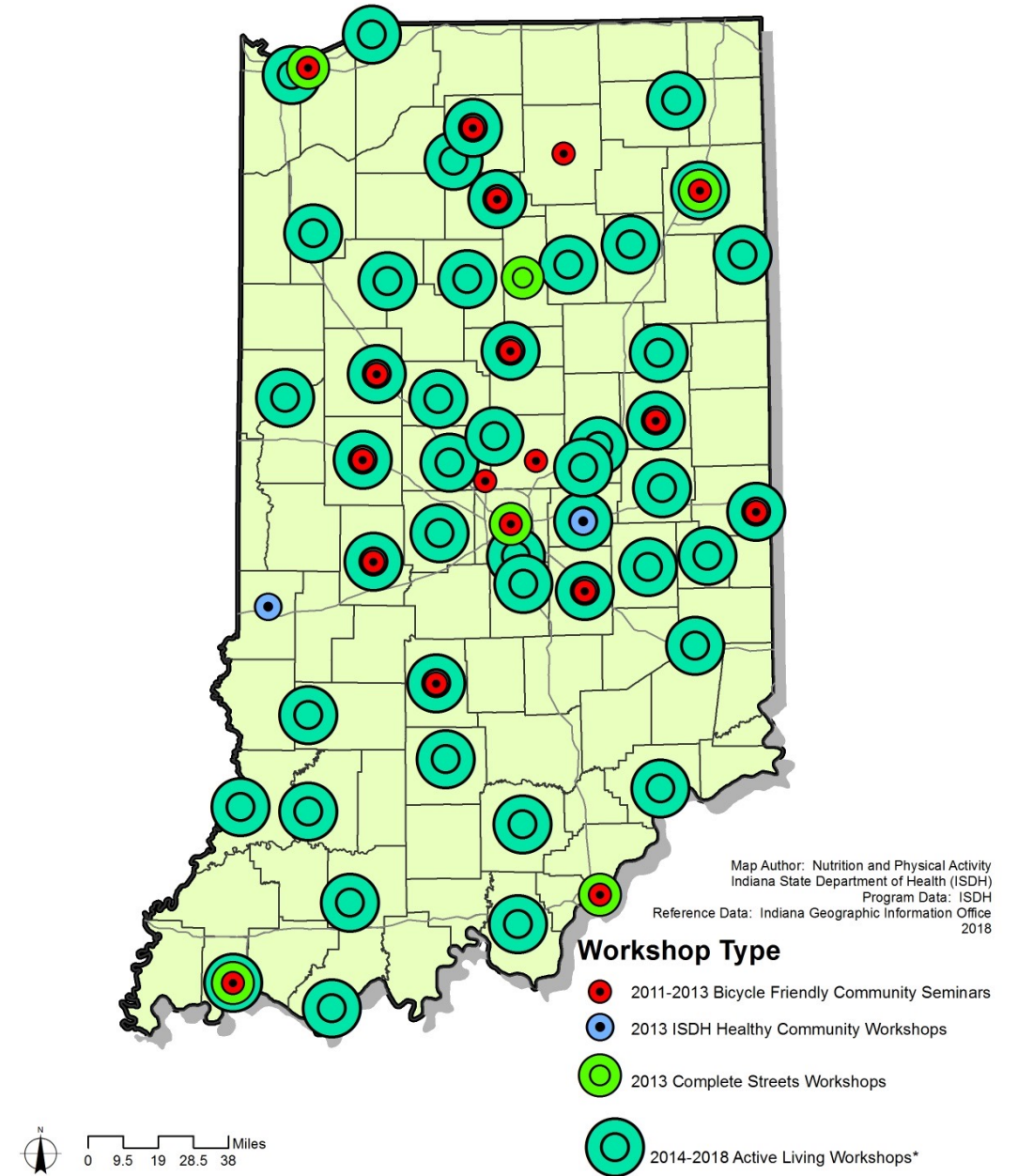
# Workshop Model Promoting Active Transportation

IDOH facilitated 77 workshops in Indiana between 2011-18 with partners

Over 3000 community leaders reached

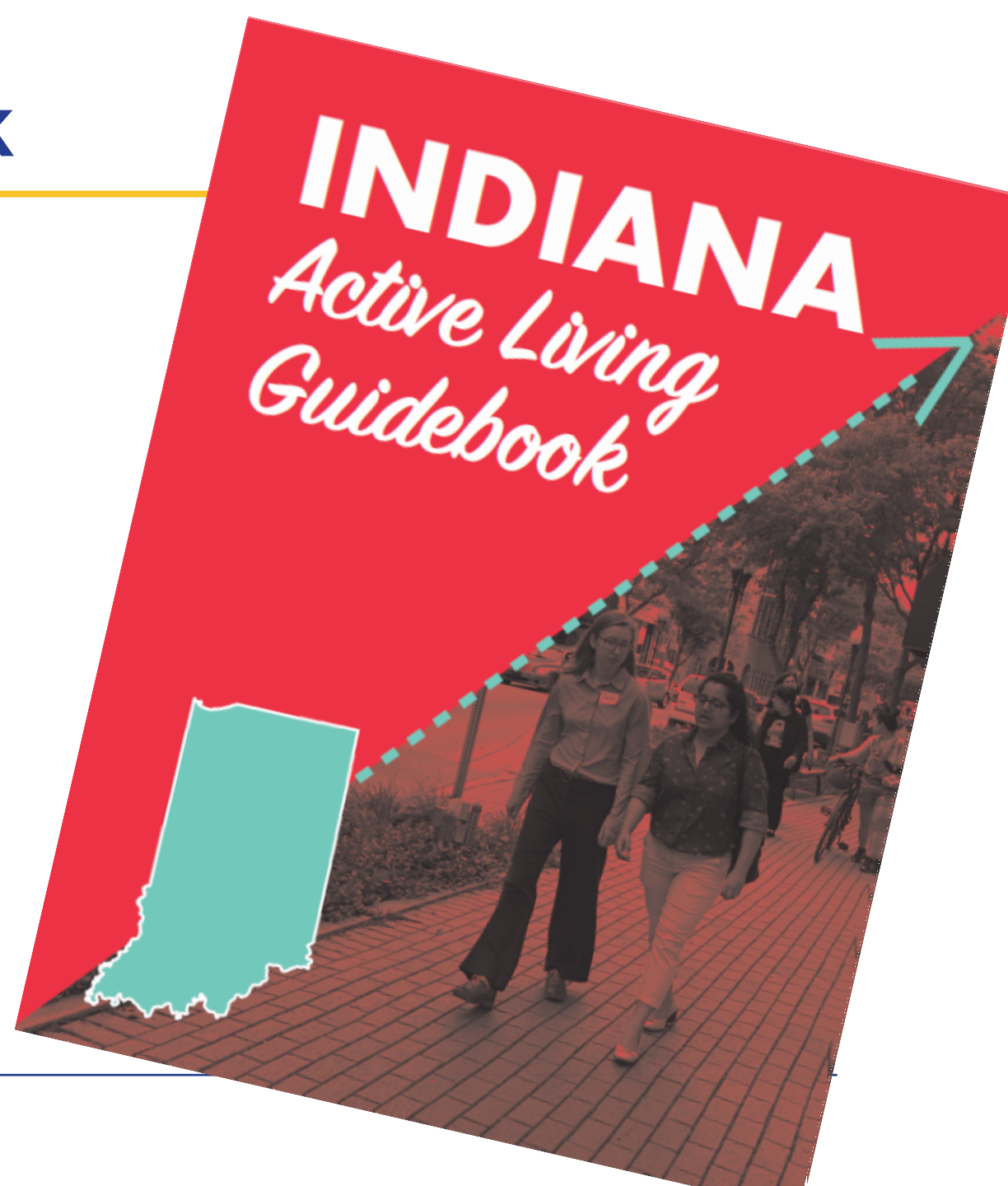


Community Workshops Promoting Active Living in Indiana 2011-2018



# Active Living Guidebook

The Indiana Active Living Guidebook has been printed and published on the [IDOH/DNPA website](#). The guidebook is a summary of the active living workshop process with recommendations and community success stories.



# Tactical Urbanism Demonstration Program

Short-term demonstration projects that lead to long-term changes related to street safety, access to public space, and more.



Fort Wayne Better Block Project



Seymour Crosswalk



South Bend Traffic Circle Demonstration Project

# Tactical Urbanism Became Even More Relevant During the Pandemic

Many communities initiated open streets, parklets, pop-up bike lanes, and traffic calming at an accelerated pace!



Parklet in Indianapolis (Silver in the City)



CBS News



Kirkwood Ave. in Bloomington (The Herald-Times)

# Tactical Urbanism Projects Make it Easier to Live a Safe and Active Life!



Fort Wayne Traffic Calming Project (Nathan Miller)



Transportation Alternatives (Michael Lydon)



# Tactical Urbanism Projects Funded by IDOH in 2019, 2020, 2021, and 2022

IDOH has funded 21 demonstration projects in Indiana:

Fort Wayne

Indianapolis

South Bend

Terre Haute

Lafayette

Linton

Columbus

Gary

Middlebury

North Vernon

Ellettsville



Shelby Street, Indianapolis/Big Car Collaborative

# Promoting Built Environment Changes that Improve Safety for Walking and Bicycling



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Existing view of an intersection that was part of a walk audit showing a possible area for a pedestrian crossing and a new bike lane.

# Promoting Built Environment Changes that Improve Safety for Walking and Bicycling



Proposed sketch from the active living workshop showing a road diet, high visibility crosswalk, green bike lane, landscape islands and curb extensions to calm traffic.

# Promoting Built Environment Changes that Improve Safety for Walking and Bicycling



AARP funded better block project based on the sketch from the active living workshop

# Unsafe Intersection at Park Entrance

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# Curb Extensions and Traffic Circle



# Curb Extensions and Traffic Calming



Shelby Street, Indianapolis/Big Car Collaborative



# Curb Extensions and Crosswalks





# Trail Wayfinding and Bike Racks



Shelby Street, Indianapolis/Big Car Collaborative



# Tactical Urbanism Project Successes

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- Slower vehicle Speeds
- Excellent public Involvement
- Example for other neighborhood projects
- Safer street crossings to destinations
- Lending library of materials for other neighborhoods

# Tactical Urbanism Project Challenges

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- Permanent changes have not always been forthcoming
- City policy for permitting this type of project
- Planning for deploying and sharing the materials of the lending library
- Some confusion by motorists

# Results from this Work in Indiana

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- Funded 31 Bicycle and Pedestrian Master Plans, over \$700 million in planned improvements that guides local development decisions.
- Funded 22 Tactical Urbanism Demonstration Projects
- Created a statewide pedestrian and bicycle crash report
- Conducted 77 workshops-reached over 3000 community leaders
- Workshops leveraged funding for active living projects, programs, and grant applications.
- Creating a statewide active transportation plan
- Conducted over 50 walk audits in communities



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**THANK YOU!**

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