



Walk Friendly Communities

Inspiring and Celebrating Your City's Vision for Walkable Streets

May 18, 2016

Today's Panelists

Anthony Burton

• **Office of the Secretary, United States Department of Transportation**

Carl Sundstrom, Kristen Brookshire, and Dan Gelinne

• **UNC Highway Safety Research Center / Walk Friendly Communities**

Rolf Eisinger and Dirk Gowin

• **City of Louisville, Kentucky**

David Harrison

• **City of Charlotte, North Carolina**

Before we get started...

- ❑ **Introduction and housekeeping**
- ❑ **Audio issues?**
Dial into the phone line instead of using mic & speakers
- ❑ **PBIC Trainings and Webinars**
www.pedbikeinfo.org/training
- ❑ **Registration and Archives at**
www.pedbikeinfo.org/webinars
- ❑ **PBIC News and updates on Facebook**
www.facebook.com/pedbike
- ❑ **Questions at the end**



MAYORS' CHALLENGE FOR SAFER PEOPLE, SAFER STREETS USDOT

Anthony Burton
Policy Analyst, Office of the Secretary
US Department of Transportation



Safer People, Safer Streets

- Increasing trend of pedestrian and bicycle deaths in the U.S.
- September 2014 at Pro Walk / Pro Bike / Pro Place in Pittsburgh
- Safer People, Safer Streets initiative: design, education, policy



Mayors' Challenge: Overview

- 240+ local jurisdictions
- 7 Challenge Activities
- Road design, education, policy, etc.

www.transportation.gov/mayors-challenge



FHWA Report on U.S. Practices in Delivering
Safe, Comfortable, and Connected
Pedestrian and Bicycle Networks



Mayors' Challenge: Resources

- Webinars, calls, conference presentations
- DOT and Other Resources:
 - Separated bike lane guide
 - Bicycle/pedestrian design guide syntheses and gap identification
 - Connected bike networks case studies
 - Workbook for Building On-road Bicycle Networks through Resurfacing Projects



U.S. Department of Transportation Pedestrian and Bicyclist Road Safety Assessments



Summary Report

October 2015

Mayors' Challenge: Outcomes

- Benefits: safety, sustainability, economic, and ladders of opportunity
- Stories: Chattanooga, South Bend, Charlotte
- Survey and awards to collect stories and identify best practices



Mayors' Challenge: Upcoming

- Upcoming webinars: Fatality Eradication Campaigns - June
- Awards competition
- Capstone in D.C. in September





Walk Friendly Communities

**Inspiring and Celebrating Your City's
Vision for Walkable Streets**

May 18, 2016

About Walk Friendly Communities

- ❑ National program for towns and cities
- ❑ Developed in 2010 to promote and reward walkable communities
- ❑ Funded by FedEx and the Federal Highway Administration
 - ❑ Administered by the Pedestrian and Bicycle Information Center (www.pedbikeinfo.org)
- ❑ Website: www.walkfriendly.org



Program Goals

Encourage Walkable Communities

- By establishing a framework for comprehensively evaluating pedestrian focused programs

Educate Communities

- Through resources and detailed feedback

Recognize Communities

- Raising local and national awareness of communities who are promoting walkability and pedestrian safety



Charlotte, NC
BRONZE LEVEL

2016-2021



Proud
Program
Sponsor

FedEx

www.walkfriendly.org

Benefits for Applicants

Recognition

Designation as a WFC sets you up as an example among peer cities

Feedback

Third party perspective on what you are doing right and what can be improved

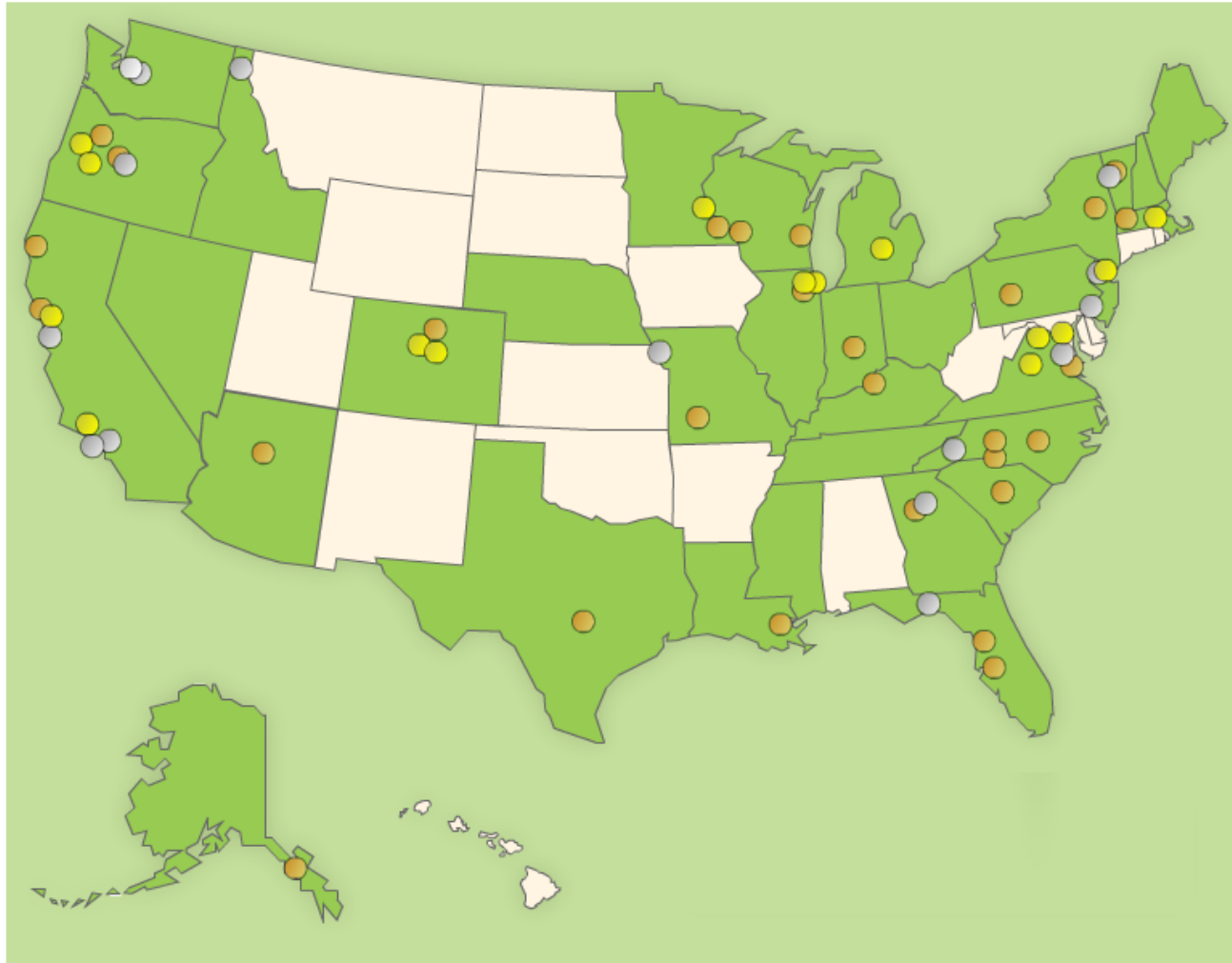
Preparation

Collecting all of your pedestrian-related data in one location for future grants and other applications

Justification

Positive feedback demonstrates the value of your work, and critical feedback can provide motivation for additional investment

Designated Communities



Platinum:	1
Gold:	15
Silver:	14
Bronze:	28



Chicago, IL



Sisters, OR



Hoboken, NJ



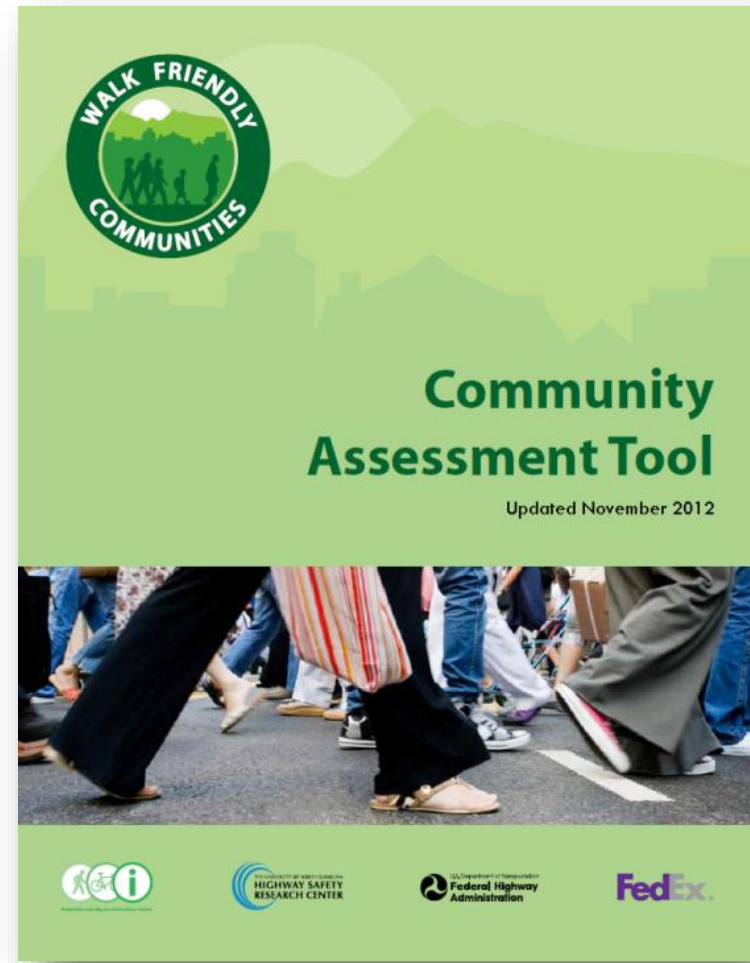
Sitka, AK

Application Overview

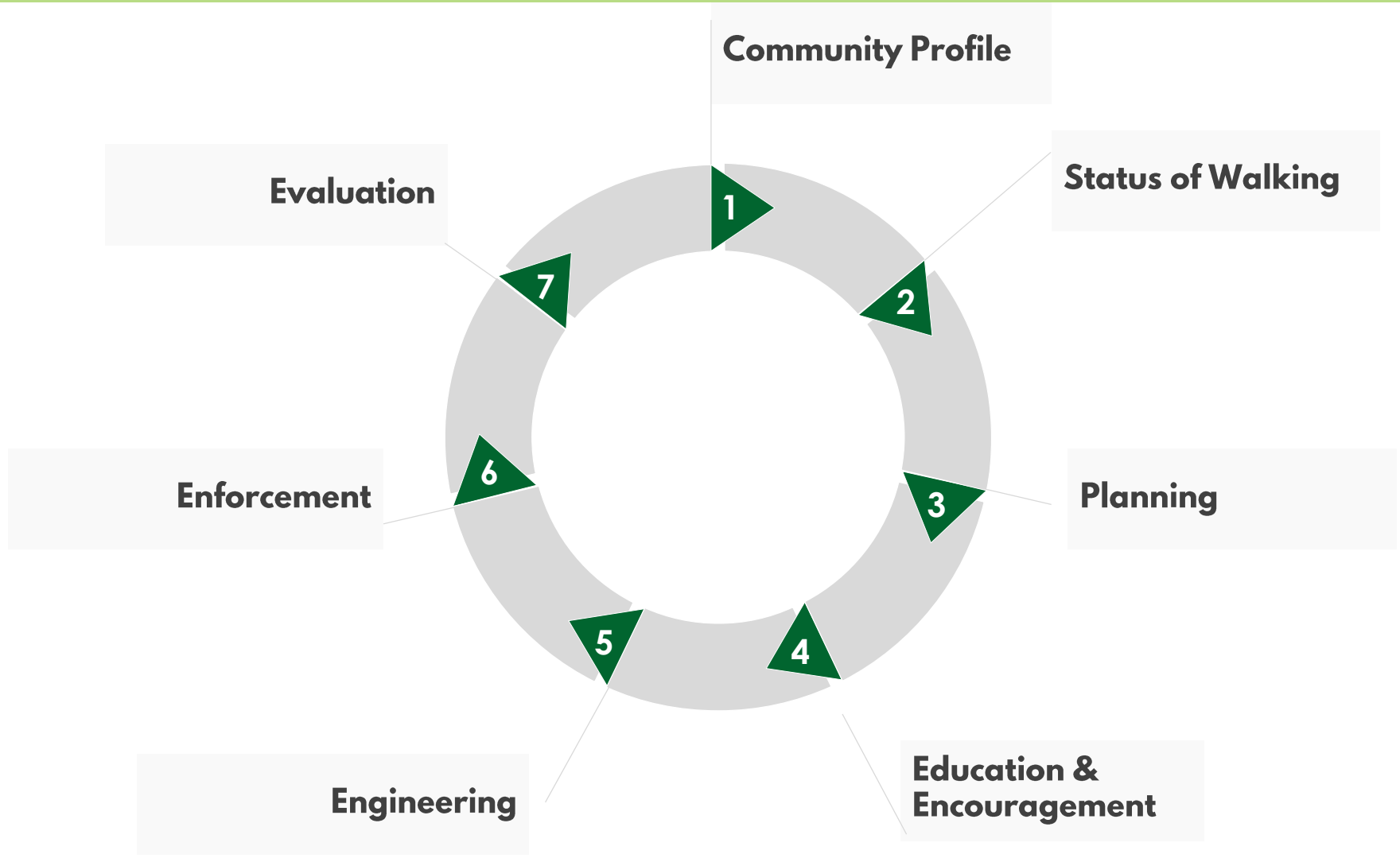
Assessment Tool

**Designed to
comprehensively
assess applicant
communities for
walk-friendliness**

**Provides information
and resources to
assist in improving
walkability**



Assessment Tool



Assessment Tool

Each section includes:

Background & Purpose

Why is this section important?
What problems does it address?

Strategies

Techniques that can help address walkability and safety

Examples

Learn about programs in Walk Friendly Communities

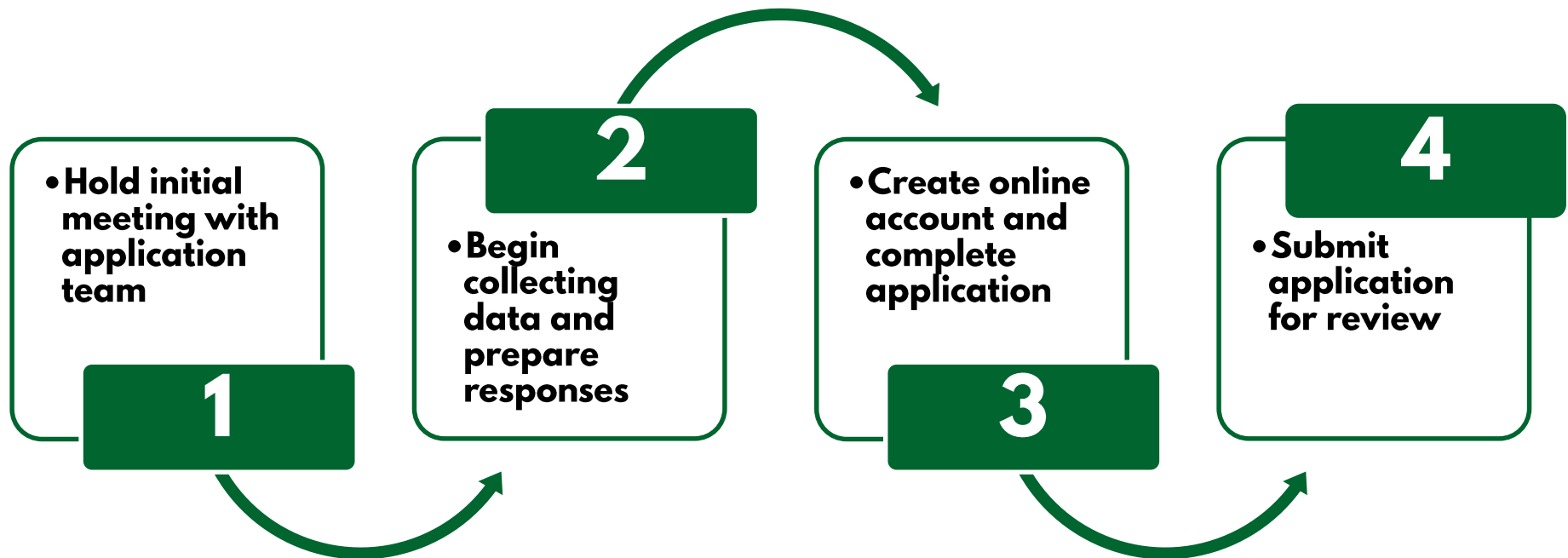
Resources

What tools are available to help implement these ideas?

Application Process

All applications are developed and submitted using our online system (www.walkfriendly.org)

Recommended process:



A Guide to the WFC Designation Levels

Platinum

Excellent programs across all sections of the assessment tool



Gold

Excellent programs across nearly all sections; One area in need of improvement



Silver

Two or three program areas are excellent, but improvement needed in two other areas



Bronze

Signs of recent progress and motivation; At least one or two strong program areas



Applications reviewed by at least 3 staff members

Reviews account for:

- **Community size and context**
- **Recent progress and success**
- **Balance of different program areas**

Community Feedback

- ❑ **Based on reviews and team discussion, detailed report cards are prepared for each applicant (regardless of designation status)**
- ❑ **Report cards provide:**
 - **Application strengths**
 - **Primary recommendations**
 - **Detailed feedback and recommended examples, resources and case studies organized by application section**

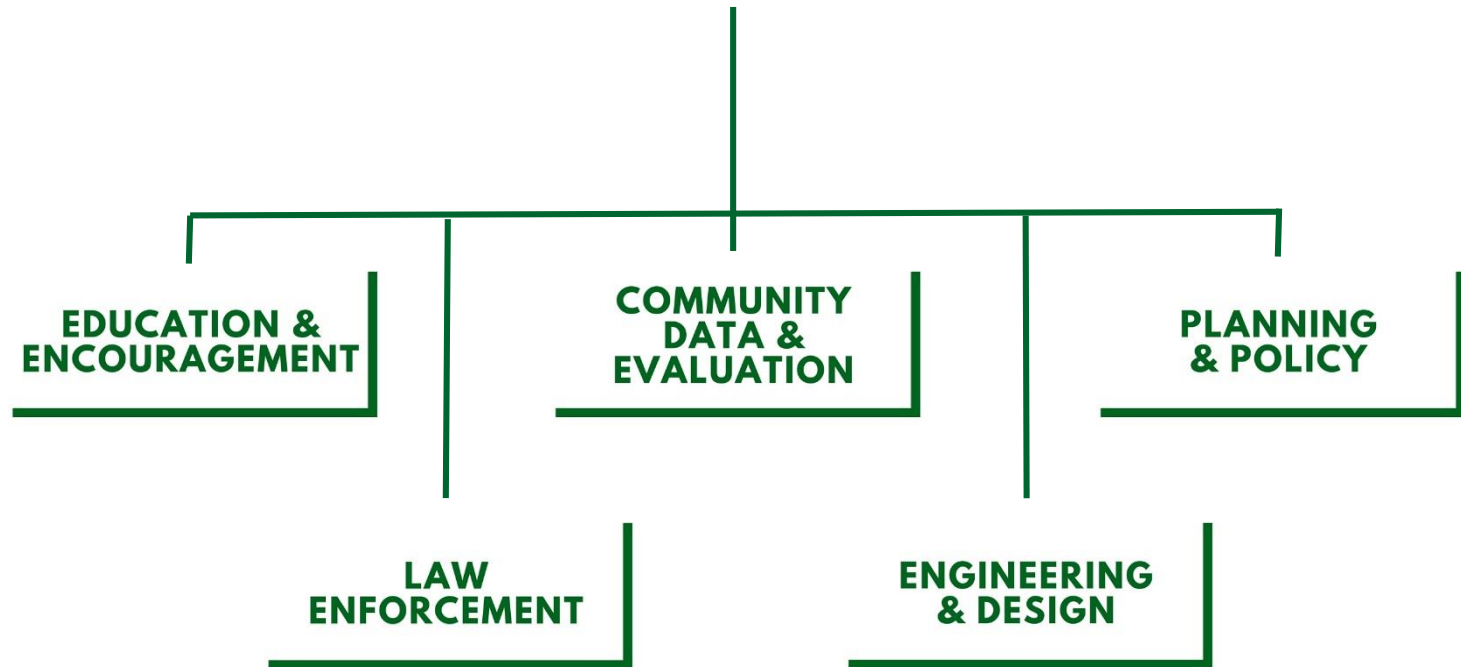
Announcements and Marketing

- ❑ **Announcements picked up by national/local media**



- ❑ **Designees receive:**
 - **Plaque**
 - **Template marketing materials**
 - **Banner ads, logos, and other visual aids**

Components of a Walk Friendly Community

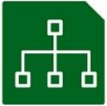


Use the WFC + Mayor's Challenge worksheet to document your own programs and identify areas of improvement

COMMUNITY DATA & EVALUATION



**Full or Part-Time
Pedestrian
Coordinator**



**Support from
Elected Officials**



**Walking Mode
Share or Count
Data**



**Analysis of
Safety Data**



**Inventories of
Sidewalks, Curb
Ramps, Signals**



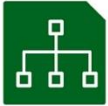
**Project
Evaluation**

**Relevant Challenge Area
3 - Gather Data**

COMMUNITY DATA & EVALUATION



Full or Part-Time Pedestrian Coordinator



Support from Elected Officials



Walking Mode Share or Count Data



Analysis of Safety Data



Inventories of Sidewalks, Curb Ramps, Signals

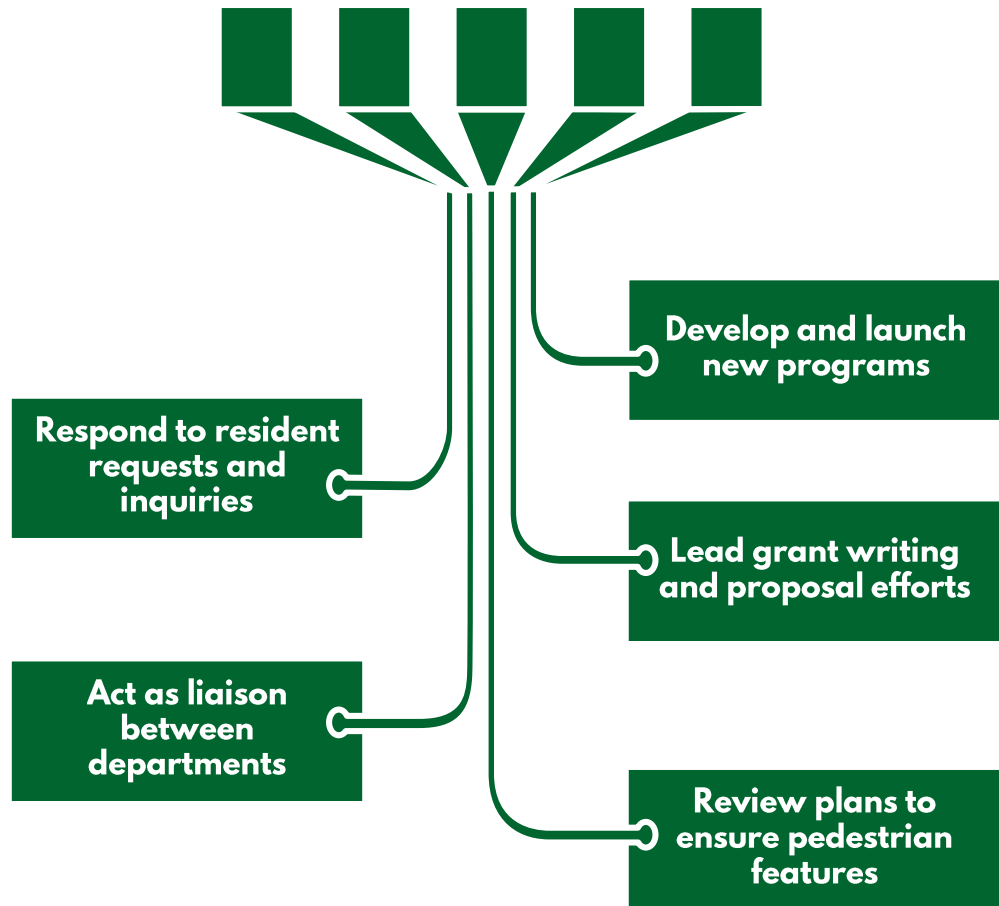


Project Evaluation

Relevant Challenge Area 3 - Gather Data



Dedicated pedestrian coordinators fill many critical roles



COMMUNITY DATA & EVALUATION

 Full or Part-Time Pedestrian Coordinator

 Support from Elected Officials

 Walking Mode Share or Count Data

 Analysis of Safety Data

 Inventories of Sidewalks, Curb Ramps, Signals

 Project Evaluation



Mayors and City Council members can express their support for walkable communities by:

Signing the international charter for walking



Supporting Vision Zero policies



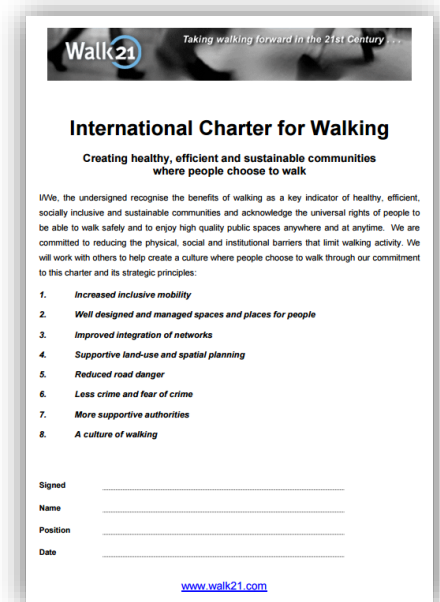
Creating staff positions for pedestrian coordinators



Joining the USDOT Mayor's Challenge



Increasing funding levels for pedestrian projects



Walk21 Taking walking forward in the 21st Century ...

International Charter for Walking

Creating healthy, efficient and sustainable communities where people choose to walk

We, the undersigned recognise the benefits of walking as a key indicator of healthy, efficient, socially inclusive and sustainable communities and acknowledge the universal rights of people to be able to walk safely and to enjoy high quality public spaces anywhere and at anytime. We are committed to reducing the physical, social and institutional barriers that limit walking activity. We will work with others to help create a culture where people choose to walk through our commitment to this charter and its strategic principles:

1. *Increased inclusive mobility*
2. *Well designed and managed spaces and places for people*
3. *Improved integration of networks*
4. *Supportive land-use and spatial planning*
5. *Reduced road danger*
6. *Less crime and fear of crime*
7. *More supportive authorities*
8. *A culture of walking*

Signed _____
Name _____
Position _____
Date _____

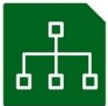
www.walk21.com

Relevant Challenge Area
3 - Gather Data

COMMUNITY DATA & EVALUATION



Full or Part-Time
Pedestrian
Coordinator



Support from
Elected Officials



Walking Mode
Share or Count
Data



Analysis of
Safety Data



Inventories of
Sidewalks, Curb
Ramps, Signals



Project
Evaluation

Relevant Challenge Area
3 - Gather Data



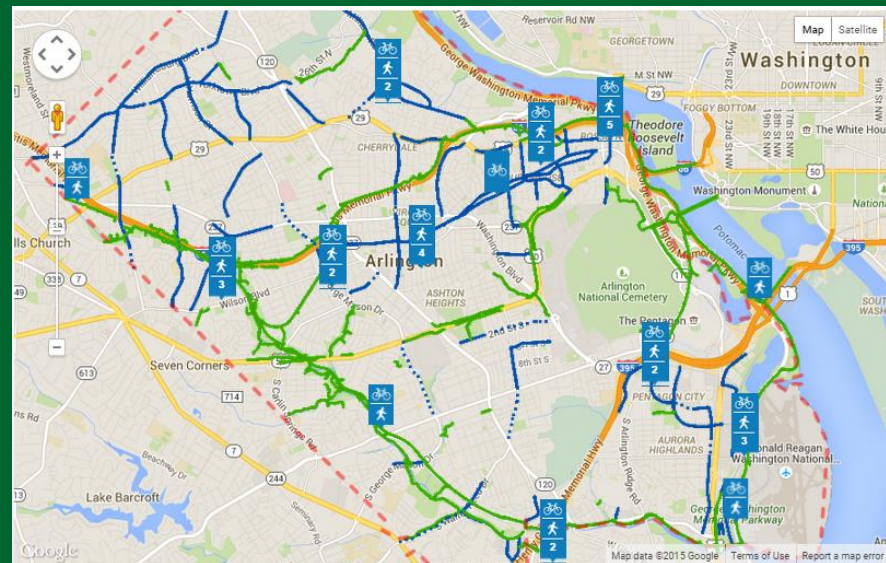
Conduct regular pedestrian counts in order to...

Prioritize Projects

Measure Progress Toward Goals

Understand Travel Behavior and User Preferences

Justify Future Investments

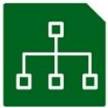


Arlington, VA, pedestrian and bicycle count locations

COMMUNITY DATA & EVALUATION



Full or Part-Time
Pedestrian
Coordinator



Support from
Elected Officials



Walking Mode
Share or Count
Data



Analysis of
Safety Data



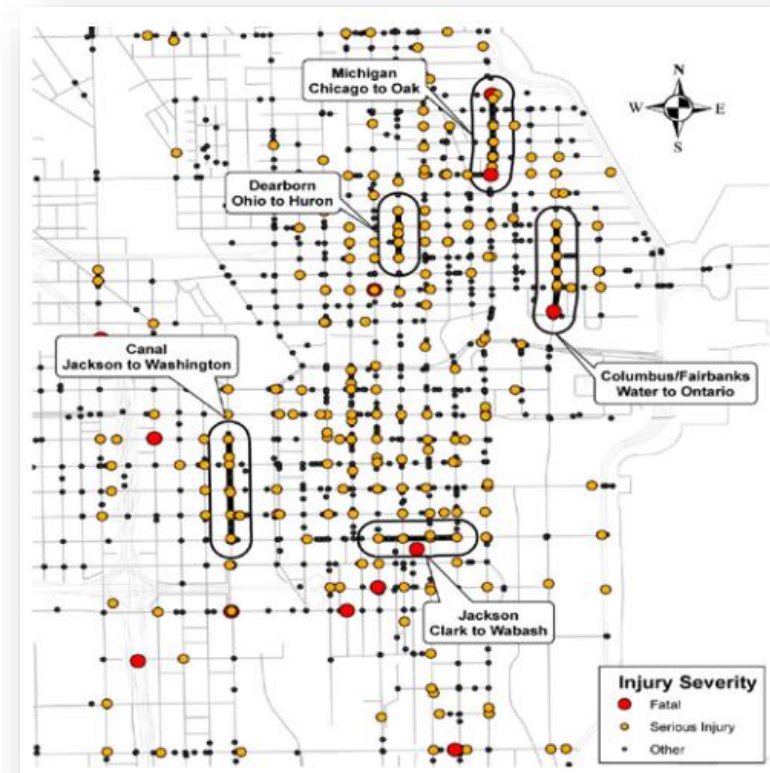
Inventories of
Sidewalks, Curb
Ramps, Signals



Project
Evaluation



Examine both long- and short-term safety trends by examining pedestrian crash data



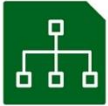
Chicago, IL, analysis of pedestrian crashes

Relevant Challenge Area
3 - Gather Data

COMMUNITY DATA & EVALUATION



Full or Part-Time
Pedestrian
Coordinator



Support from
Elected Officials



Walking Mode
Share or Count
Data



Analysis of
Safety Data



Inventories of
Sidewalks, Curb
Ramps, Signals



Project
Evaluation



Sidewalks

Marked Crosswalks

Inventory existing facilities
and their condition to help
prioritize network
connections and
maintenance activities

Signals

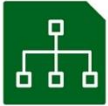
Curb Ramps

Relevant Challenge Area
3 - Gather Data

COMMUNITY DATA & EVALUATION



Full or Part-Time
Pedestrian
Coordinator



Support from
Elected Officials



Walking Mode
Share or Count
Data



Analysis of
Safety Data



Inventories of
Sidewalks, Curb
Ramps, Signals



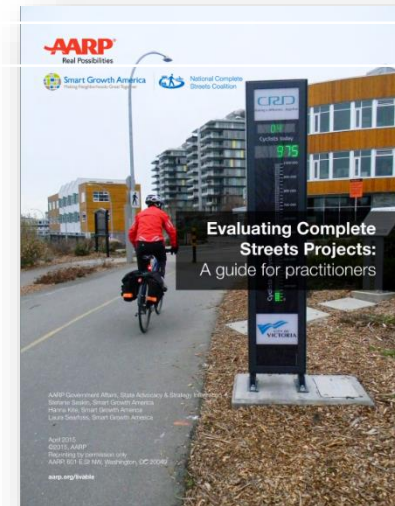
Project
Evaluation



Relevant Challenge Area
3 - Gather Data

**Build evaluation into every project
to understand impacts on...**

- Safety
- Mode Share
- Traffic Volumes
- Health
- Local Businesses
- Environment



**Report findings to public to
highlight successes and make the
case for future investment**

PLANNING & POLICY



**Pedestrian
Plan**



**Targets for
Mode Share
and Safety**



**Ongoing and
Project-Specific
Public Involvement**



**Transit System
and Accessibility**



**Complete
Streets Policy**



**Supportive Policies
(e.g. parking, land use,
network connectivity)**

Relevant Challenge Areas

- 1 - Complete Streets
- 2 - Fix Barriers
- 3 - Gather Data
- 5 - Create Networks

PLANNING & POLICY



**Pedestrian
Plan**



**Targets for
Mode Share
and Safety**



**Ongoing and
Project-Specific
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**Complete
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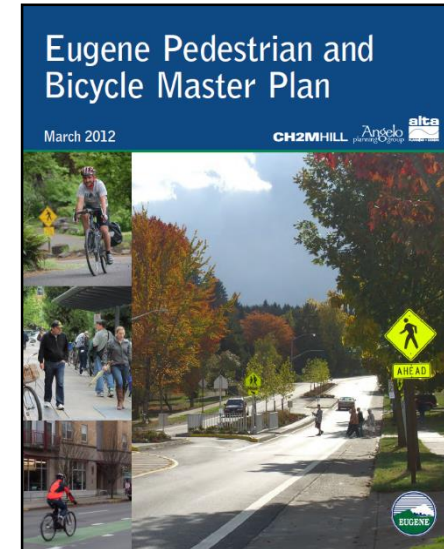
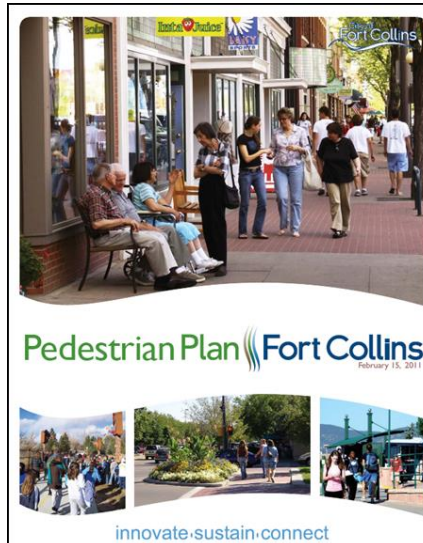
**Supportive Policies
(e.g. parking, land use,
network connectivity)**

Relevant Challenge Areas

- 1 - Complete Streets
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Key components:

- **Data collection**
- **Goals, objectives, actions**
- **Timeline**
- **Performance measures**
- **Funding Sources**
- **Who's responsible?**



PLANNING & POLICY



Pedestrian Plan



Targets for Mode Share and Safety



Ongoing and Project-Specific Public Involvement



Transit System and Accessibility



Complete Streets Policy



Supportive Policies (e.g. parking, land use, network connectivity)

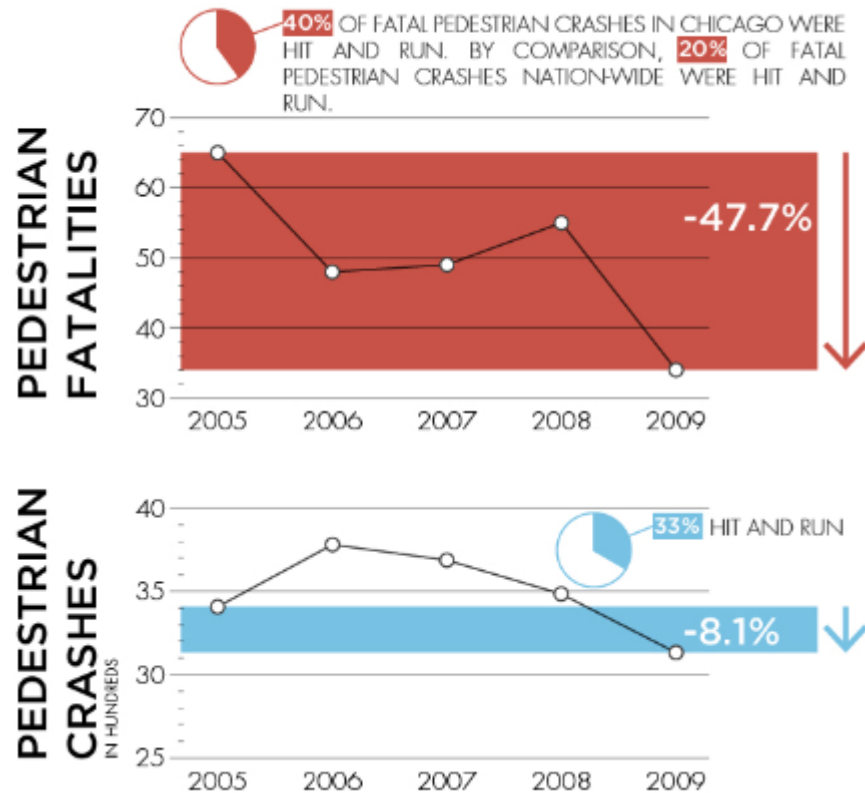


Relevant Challenge Areas

- 1 - Complete Streets
- 2 - Fix Barriers
- 3 - Gather Data
- 5 - Create Networks

our goals

- » Eliminate pedestrian fatalities in ten years
- » Reduce serious pedestrian injuries by 50% every five years



from Chicago Pedestrian Master Plan (2013)

PLANNING & POLICY



Pedestrian Plan



Targets for Mode Share and Safety



Ongoing and Project-Specific Public Involvement



Transit System and Accessibility



Complete Streets Policy



Supportive Policies (e.g. parking, land use, network connectivity)



“Somerville by Design” community engagement event in Somerville, MA

Relevant Challenge Areas

- 1 - Complete Streets
- 2 - Fix Barriers
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PLANNING & POLICY



**Pedestrian
Plan**



**Targets for
Mode Share
and Safety**



**Ongoing and
Project-Specific
Public Involvement**



**Transit System
and Accessibility**



**Complete
Streets Policy**



**Supportive Policies
(e.g. parking, land use,
network connectivity)**

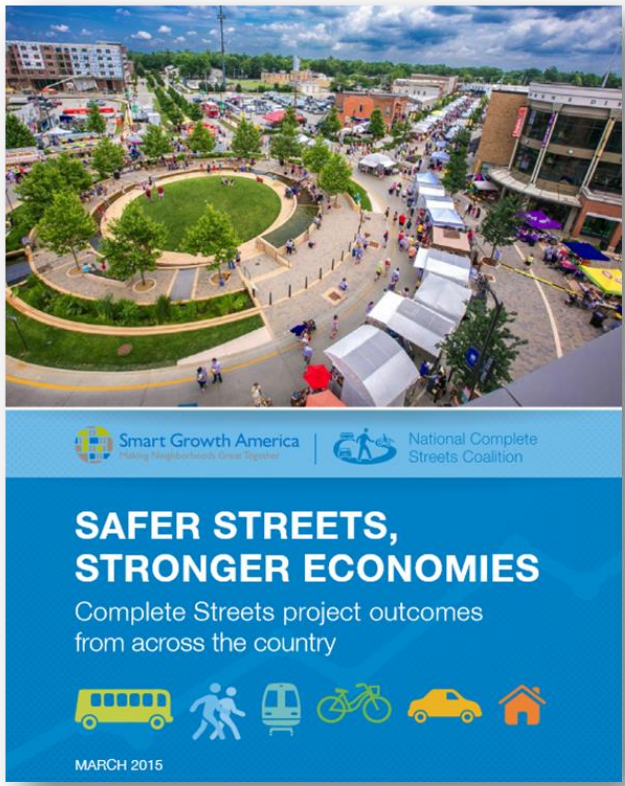


Relevant Challenge Areas

- 1 - Complete Streets
- 2 - Fix Barriers
- 3 - Gather Data
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PLANNING & POLICY

-  **Pedestrian Plan**
-  **Targets for Mode Share and Safety**
-  **Ongoing and Project-Specific Public Involvement**
-  **Transit System and Accessibility**
-  **Complete Streets Policy**
-  **Supportive Policies (e.g. parking, land use, network connectivity)**



Relevant Challenge Areas

- 1 - Complete Streets
- 2 - Fix Barriers
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PLANNING & POLICY



Pedestrian Plan



Targets for Mode Share and Safety



Ongoing and Project-Specific Public Involvement



Transit System and Accessibility



Complete Streets Policy



Supportive Policies (e.g. parking, land use, network connectivity)



Relevant Challenge Areas

- 1 - Complete Streets
- 2 - Fix Barriers
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- 5 - Create Networks



Courtesy of Ann Arbor Area Convention and Visitor Bureau



EDUCATION & ENCOURAGEMENT



**Safe Routes
to School**



**Public Education
and Safety
Campaigns**



**Training
for Staff**



**Encouragement
Programs and
Incentives**



**Open Streets and
Other Events**



**Wayfinding
and Maps**

**Relevant Challenge Area
7 - Educate and Enforce**

EDUCATION & ENCOURAGEMENT



Safe Routes to School



Public Education and Safety Campaigns



Training for Staff



Encouragement Programs and Incentives



Open Streets and Other Events



Wayfinding and Maps



National Center for Safe Routes to School

Relevant Challenge Area
7 - Educate and Enforce

EDUCATION & ENCOURAGEMENT



Safe Routes to School



Public Education and Safety Campaigns



Training for Staff



Encouragement Programs and Incentives



Open Streets and Other Events



Wayfinding and Maps



North Carolina Department of Transportation

Relevant Challenge Area
7 - Educate and Enforce

EDUCATION & ENCOURAGEMENT



Safe Routes to School



Public Education and Safety Campaigns



Training for Staff



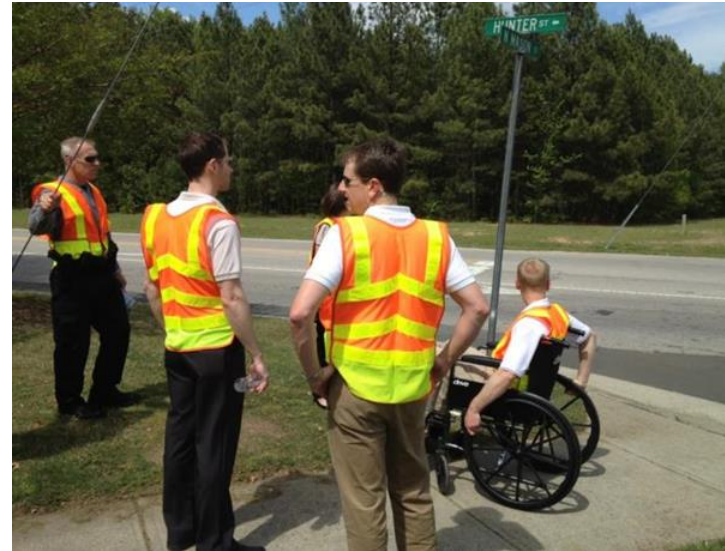
Encouragement Programs and Incentives



Open Streets and Other Events



Wayfinding and Maps



Relevant Challenge Area
7 - Educate and Enforce

EDUCATION & ENCOURAGEMENT



Safe Routes to School



Public Education and Safety Campaigns



Training for Staff



Encouragement Programs and Incentives



Open Streets and Other Events



Wayfinding and Maps



Image courtesy of Ian Sacs

SmartTrips program in Eugene, OR

Relevant Challenge Area
7 - Educate and Enforce

EDUCATION & ENCOURAGEMENT



Safe Routes to School



Public Education and Safety Campaigns



Training for Staff



Encouragement Programs and Incentives



Open Streets and Other Events



Wayfinding and Maps

Relevant Challenge Area
7 - Educate and Enforce



Sunday Streets in San Francisco, CA



The Open Streets Guide



Opening Streets to People | Sharing Resources | Transforming Communities

**STREET
PLANS**
MIAMI NEW YORK

Alliance
for
Biking & Walking

EDUCATION & ENCOURAGEMENT



Safe Routes to School



Public Education and Safety Campaigns



Training for Staff



Encouragement Programs and Incentives



Open Streets and Other Events



Wayfinding and Maps



Relevant Challenge Area
7 - Educate and Enforce



www.pedbikeimages.org
Laura Sandt

Pedestrian scale wayfinding in Charlotte, NC

ENGINEERING & DESIGN



**Sidewalk Design
and Network
Coverage**



**Accommodations
on Bridges**



**Crossing
Treatments**



**Traffic
Signal Design**



**Traffic Calming
Policies and
Practices**



**Medians and
Refuge Islands**

Relevant Challenge Areas

- 1 - Complete Streets
- 2 - Fix Barriers
- 3 - Gather Data
- 4 - Design Right
- 5 - Create Networks

ENGINEERING & DESIGN



Sidewalk Design
and Network
Coverage



Accommodations
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Crossing
Treatments



Traffic
Signal Design



Traffic Calming
Policies and
Practices



Medians and
Refuge Islands



Design sidewalks for...

Context

Comfort

Minimizing conflicts with vehicles

All users

Continuous networks



www.pedbikeimages.org
Dan Burden

Relevant Challenge Areas

- 1 - Complete Streets
- 2 - Fix Barriers
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ENGINEERING & DESIGN



Sidewalk Design
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Signal Design



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Policies and
Practices



Medians and
Refuge Islands

**Invest in safe facilities at key network barriers in
your community**



www.pedbikeimages.org – Dan Burden

Relevant Challenge Areas

- 1 - Complete Streets
- 2 - Fix Barriers
- 3 - Gather Data
- 4 - Design Right
- 5 - Create Networks

ENGINEERING & DESIGN



Sidewalk Design and Network Coverage



Accommodations on Bridges



Crossing Treatments



Traffic Signal Design



Traffic Calming Policies and Practices



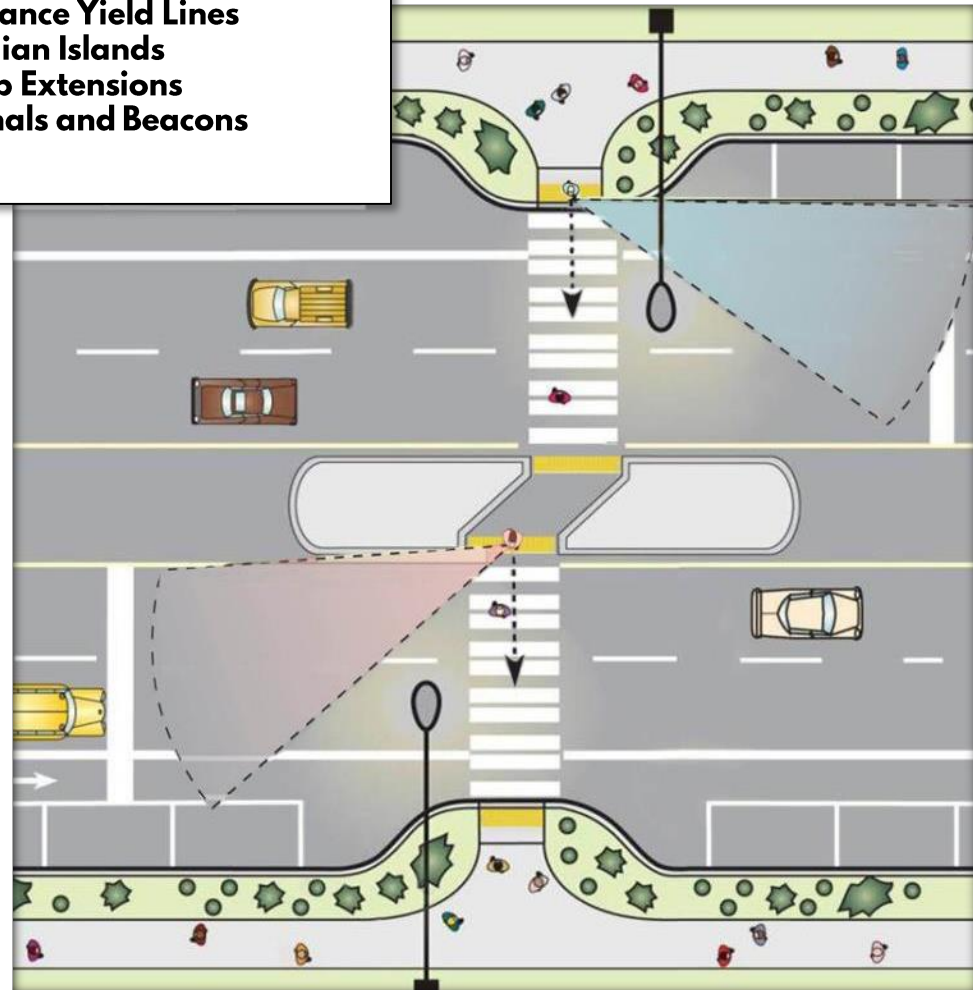
Medians and Refuge Islands

Relevant Challenge Areas

- 1 - Complete Streets
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- 4 - Design Right
- 5 - Create Networks

Increase safety with:

- High Visibility Markings
- Proper Location
- Illumination
- Advance Yield Lines
- Median Islands
- Curb Extensions
- Signals and Beacons



ENGINEERING & DESIGN



Sidewalk Design
and Network
Coverage



Accommodations
on Bridges



Crossing
Treatments



Traffic
Signal Design



Traffic Calming
Policies and
Practices



Medians and
Refuge Islands



Improving convenience and use of pedestrian signals with:

- Proper placement
- Signal timing for pedestrians
- Countdown Signals



www.pedbikeimages.org – Laura Sandt

Relevant Challenge Areas

- 1 - Complete Streets
- 2 - Fix Barriers
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- 4 - Design Right
- 5 - Create Networks

ENGINEERING & DESIGN



Sidewalk Design
and Network
Coverage



Accommodations
on Bridges



Crossing
Treatments



Traffic
Signal Design



Traffic Calming
Policies and
Practices



Medians and
Refuge Islands



Traffic calming is a way to design streets, using physical measures, to encourage people to drive more slowly.



www.pedbikeimages.org – Carl Sundstrom

Relevant Challenge Areas

- 1 - Complete Streets
- 2 - Fix Barriers
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ENGINEERING & DESIGN



Sidewalk Design
and Network
Coverage



Accommodations
on Bridges



Crossing
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Traffic
Signal Design



Traffic Calming
Policies and
Practices



Medians and
Refuge Islands



One of FHWA's 9 proven safety countermeasures

- **Simplifies crossing**
- **May reduce speeds**



www.pedbikeimages.org – Carl Sundstrom

Relevant Challenge Areas

- 1 - Complete Streets
- 2 - Fix Barriers
- 3 - Gather Data
- 4 - Design Right
- 5 - Create Networks

LAW ENFORCEMENT



**Traffic Safety
Unit or Officer**



**Targeted
Enforcement
Operations**



**Crossing
Guards**



**Collaboration with
Other Departments**

Relevant Challenge Areas

6 - Improve Laws

7 - Educate and Enforce

LAW ENFORCEMENT



Traffic Safety
Unit or Officer



Targeted
Enforcement
Operations



Crossing
Guards



Collaboration with
Other Departments

**Assign a dedicated officer or unit to
focus on safety issues**



www.pedbikeimages.org – Dan Burden

Relevant Challenge Areas
6 - Improve Laws
7 - Educate and Enforce

LAW ENFORCEMENT



Traffic Safety
Unit or Officer



Targeted
Enforcement
Operations



Crossing
Guards



Collaboration with
Other Departments



Targeted operations can focus on specific issues related to pedestrian safety

**Crosswalk enforcement
("decoy") operations**

DUI checkpoints

Speed enforcement

**Red light cameras and
other automated
enforcement**



Relevant Challenge Areas

6 - Improve Laws

7 - Educate and Enforce

Be sure to couple any enforcement with media coverage and education to inform the community and increase exposure to messages

LAW ENFORCEMENT



Traffic Safety
Unit or Officer



Targeted
Enforcement
Operations



Crossing
Guards



Collaboration with
Other Departments



**Crossing guards should be properly trained,
located and equipped**



Relevant Challenge Areas

6 - Improve Laws

7 - Educate and Enforce

LAW ENFORCEMENT



Traffic Safety
Unit or Officer



Targeted
Enforcement
Operations



Crossing
Guards



Collaboration with
Other Departments



Ongoing collaboration between law enforcement, engineering, planning, and other departments



www.pedbikeimages.org – Dan Burden

Relevant Challenge Areas

6 - Improve Laws

7 - Educate and Enforce

Components of a Walk Friendly Community

COMMUNITY DATA & EVALUATION

-  Full or Part-Time Pedestrian Coordinator
-  Support from Elected Officials
-  Walking Mode Share or Count Data
-  Analysis of Safety Data
-  Inventories of Sidewalks, Curb Ramps, Signals
-  Project Evaluation

Relevant Challenge Area
3 - Gather Data

PLANNING & POLICY

-  Pedestrian Plan
-  Targets for Mode Share and Safety
-  Ongoing and Project-Specific Public Involvement
-  Transit System and Accessibility
-  Complete Streets Policy
-  Supportive Policies (e.g. parking, land use, network connectivity)

Relevant Challenge Areas
1 - Complete Streets
2 - Fix Barriers
3 - Gather Data
5 - Create Networks

EDUCATION & ENCOURAGEMENT

-  Safe Routes to School
-  Public Education and Safety Campaigns
-  Training for Staff
-  Encouragement Programs and Incentives
-  Open Streets and Other Events
-  Wayfinding and Maps

Relevant Challenge Area
7 - Educate and Enforce

ENGINEERING & DESIGN

-  Sidewalk Design and Network Coverage
-  Accommodations on Bridges
-  Crossing Treatments
-  Traffic Signal Design
-  Traffic Calming Policies and Practices
-  Medians and Refuge Islands

Relevant Challenge Areas
1 - Complete Streets
2 - Fix Barriers
3 - Gather Data
4 - Design Right
5 - Create Networks

LAW ENFORCEMENT

-  Traffic Safety Unit or Officer
-  Targeted Enforcement Operations
-  Crossing Guards
-  Collaboration with Other Departments

Relevant Challenge Areas
6 - Improve Laws
7 - Educate and Enforce

Walk Friendly Communities Louisville, KY



Louisville is a Merged City County Government

- Total Population of 597,337 Largest in KY
- 70% White, 22% Black, 4% Hispanic or Latino
- 385 Square Miles
- Median House Hold Income: \$44,437
- Annual Unemployment rate of 10.6%
- Home of the Kentucky Derby!


Motivation

Walk Friendly

Louisville's Pedestrian Summit and Master Plan



Louisville Metro | **Pedestrian Master Plan**
March 2010


Louisville Metro Public Works and Assets

Motivation

Walk Friendly

Safety City

Walk Sense

Walk to School Day

Mayors Hike,
Bike and Paddle

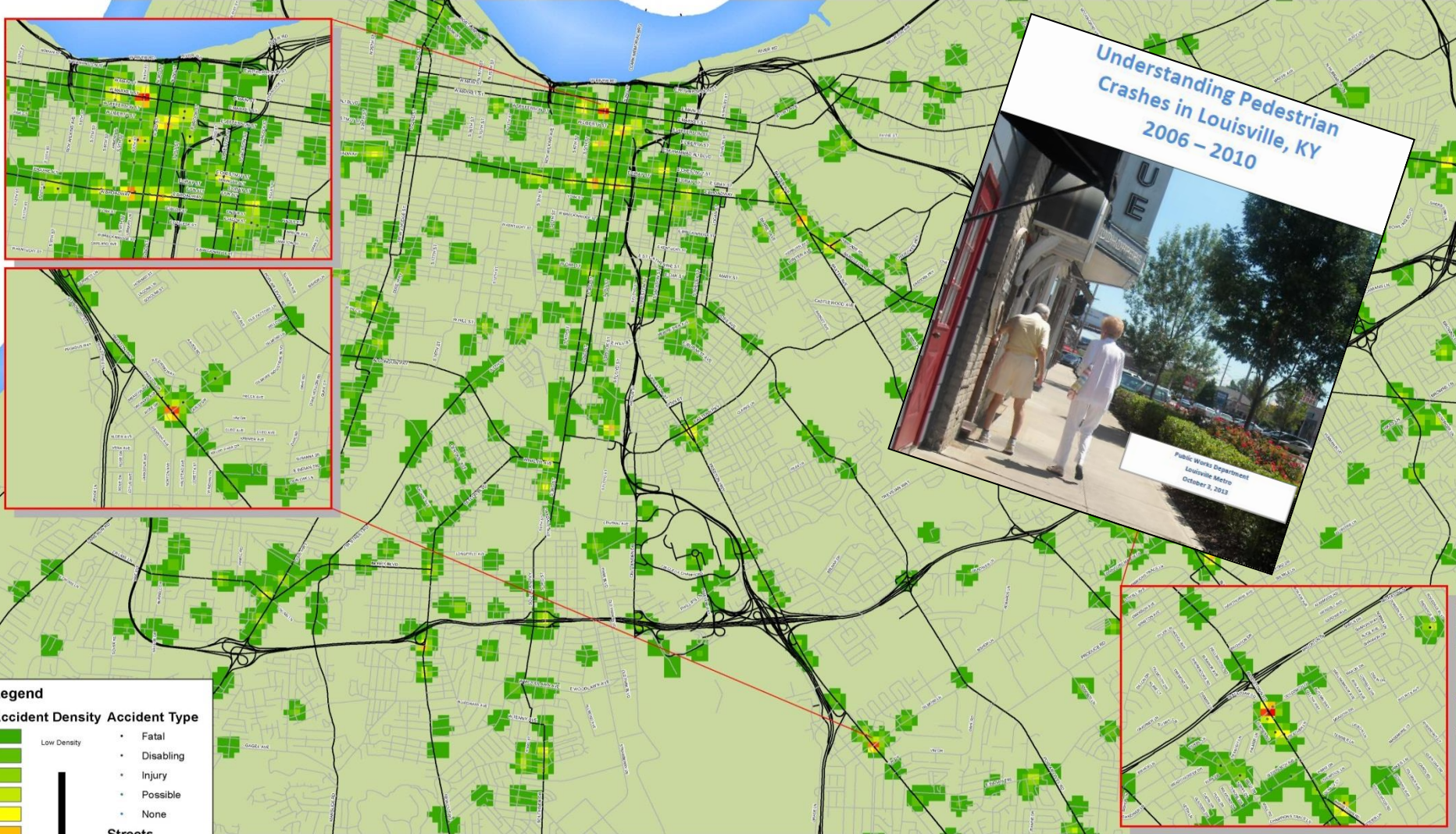
Mayors Miles

CycLouvia



Leverage

Pedestrian Safety Action Plan



Legend

Accident Density

- Low Density
- High Density

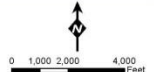
Accident Type

- Fatal
- Disabling
- Injury
- Possible
- None

Streets

- Metro & Local
- State

PEDESTRIAN ACCIDENT DATA
2006-2010



Leverage

Look Alive Louisville



Highlights

Pedestrian decoy operation

Project Scope: \$145,000

- Reduce failure to yield at stop
- pedestrian- crash intersections
- Raise awareness of failure to yield



SMART Objective:

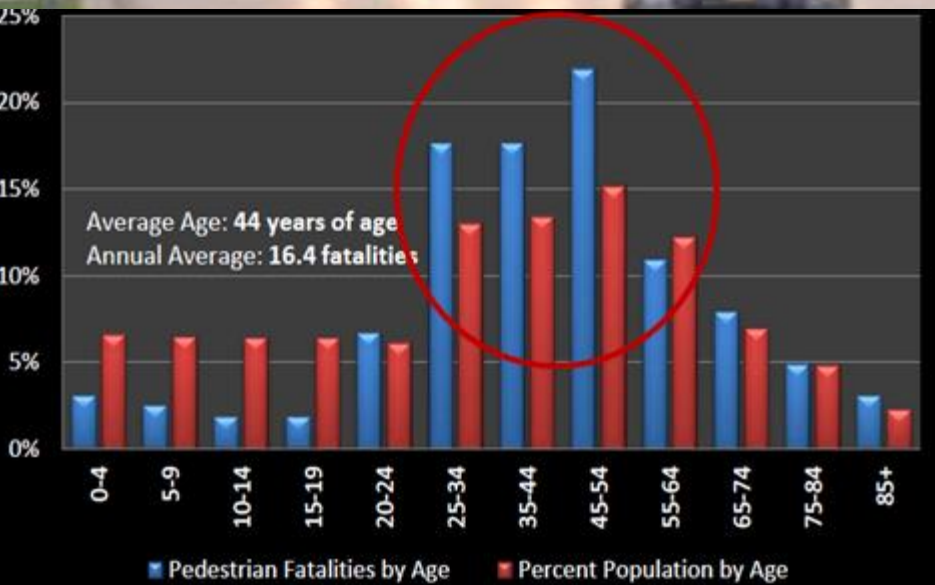
By the end of the **three year Pedestrian Decoy Operation Campaign**, each of the five high crash intersections would result in **864 motorists** being pulled over for failing to yield to pedestrians or a total of **4,179 motorists who fail to yield at all five locations**.

Evaluation:

Number of contacts, crash trend analysis, media promotion

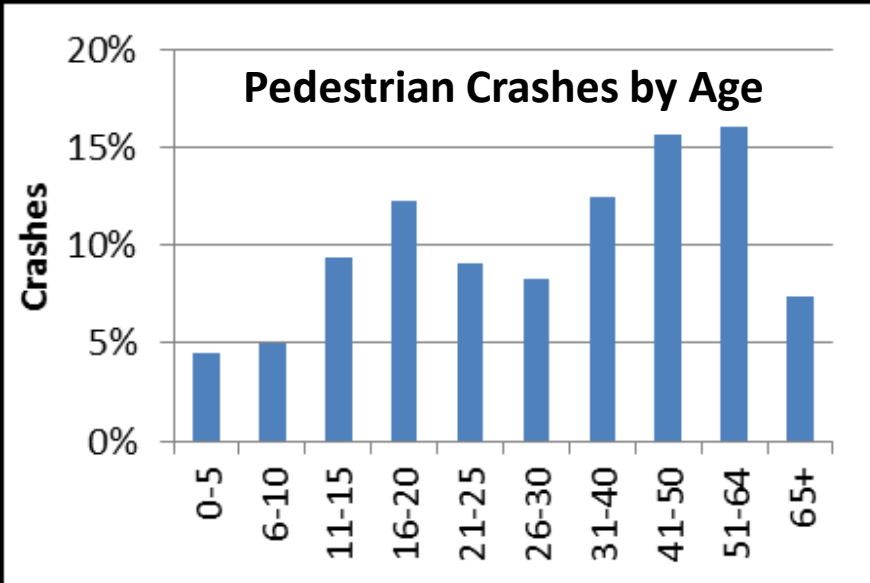
Highlights

Safe Streets for Adults Education Program



Highlights

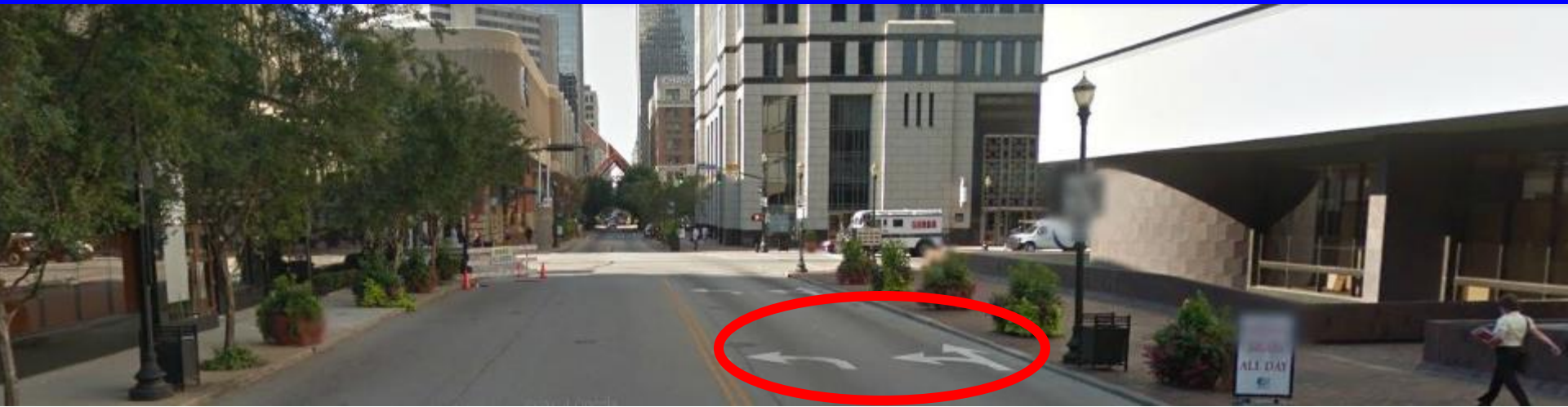
Public School Education Campaign



<https://louisvilleky.gov/government/public-works/pedestrian-programs>

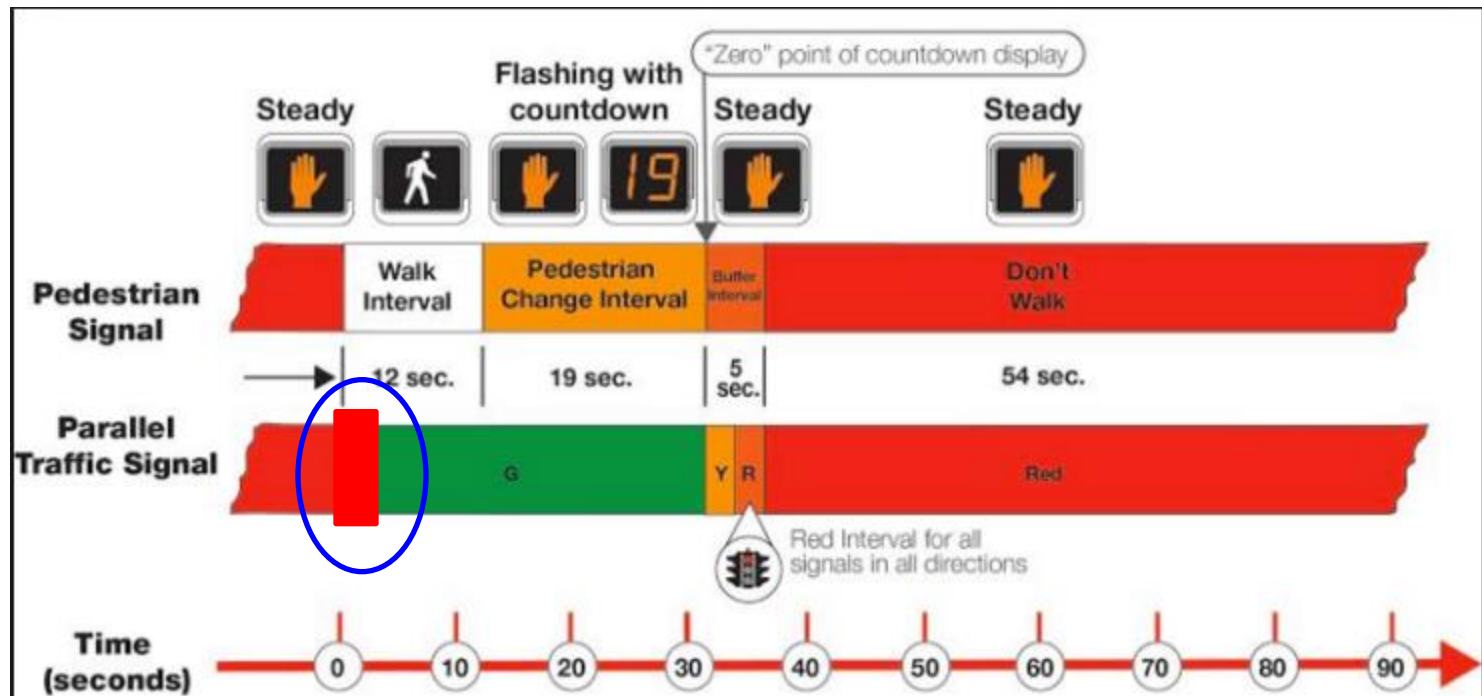
Highlights

Engineering



Highlights

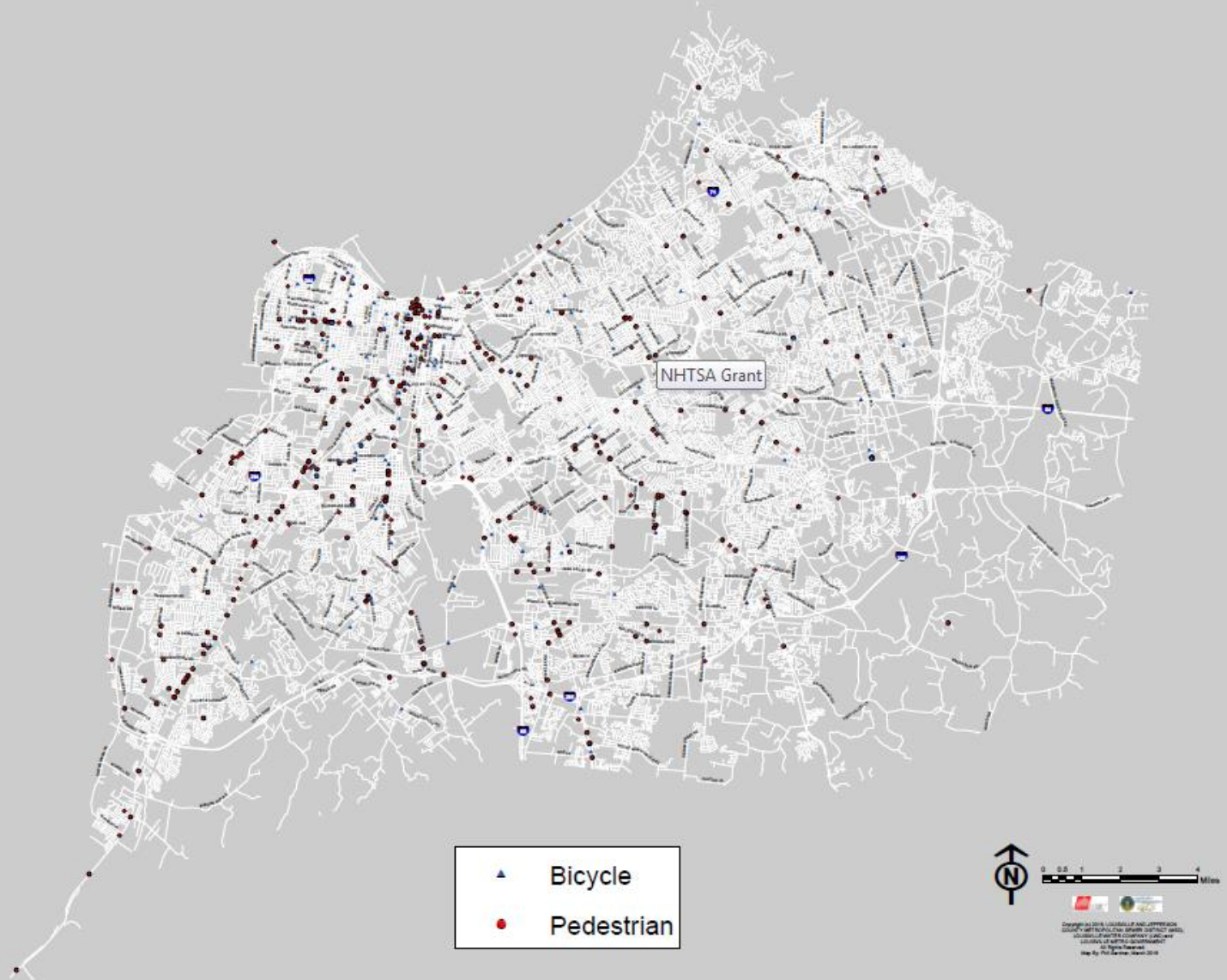
Engineering



Next Steps

Non-Motorized Severe Crashes

2011 - 2015



Contact Information

Thank you

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Dirk Gowin
Engineering Project Manger
Dirk.Gowin@louisvilleky.gov





CHARLOTTESM
TRANSPORTATION

Inspiring and Celebrating Charlotte's Vision for Walkable Streets

Success Stories from Walk Friendly Communities and the Mayors' Challenge

May 18, 2016

David Harrison

Transportation Planner

City of Charlotte Department of Transportation

dharrison@charlottenc.gov

- Charlotte's Story
- Charlotte's Framework for Action
 - Motivation, Leverage and Highlights
 - To Do List



- The Queen City
- Largest banking center outside NYC
- Population: 810,000
- Area: 298 mi²
- Density: 2,720 persons mi²



• Growing!

- 2nd fastest growing large city in the country
- 400,000 new residents by 2040
- 44 new residents per day



440,000 people,
2nd largest city in NC



PER



44 PEOPLE

DAY

We can't
keep
widening
our roads,
so we
have to
broaden
our
thinking.





Charlotte's Story





Why is Charlotte such a challenging place for pedestrians, cyclists, and transit riders?

1950 to 2000

TRANSPORTATION POLICY

Move as many cars as we can as fast as we can.

POPULATION

More than quadrupled from 134,000 to 570,000

AREA

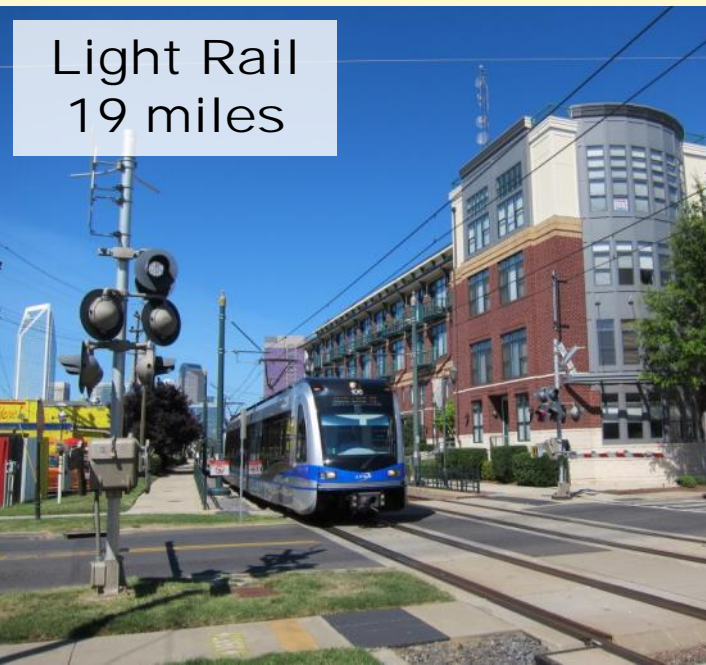
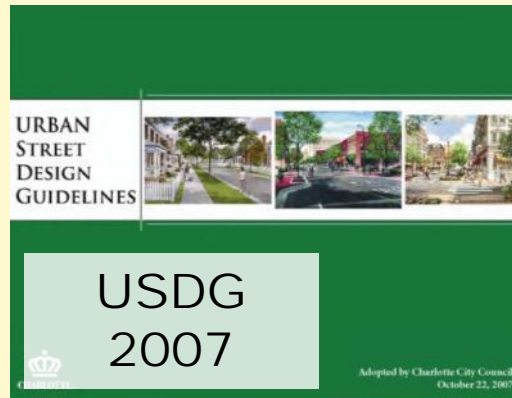
+213 square miles

Growth in Charlotte Following WWII



We forgot about other modes.

- We've been focused on building Complete Streets and providing transportation choices for decades.
 - Urban Street Design Guidelines
 - Blue Line Light Rail
 - Gold Lynx Streetcar
 - Carolina Thread Trail
 - BCycle Bike Share



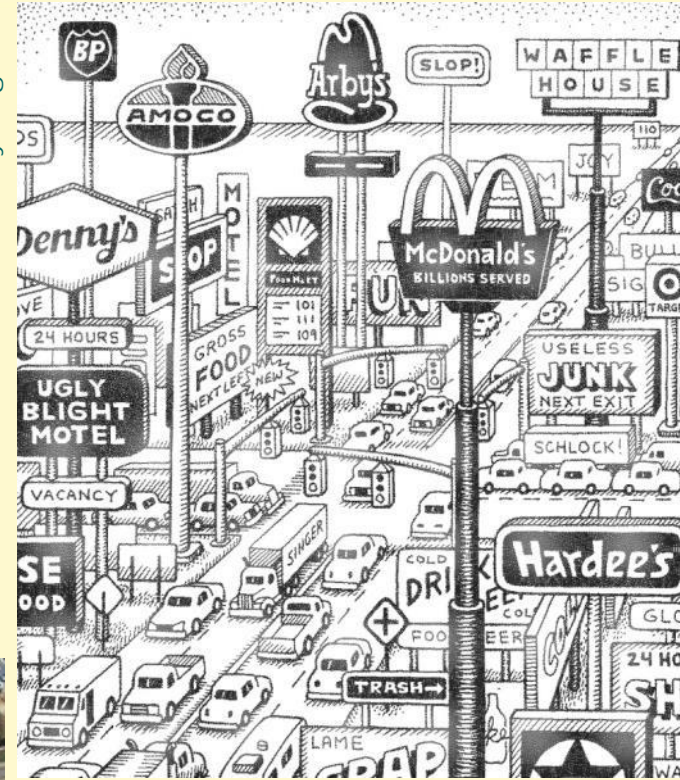


Charlotte is supporting more transportation choices than we ever have before...

...but we still have a long way to go



Andy Singer



Walk Friendly Communities

- Bronze-level designation
- Motivation and recognition
- Great learning opportunity



Charlotte, NC
BRONZE LEVEL

2016–2021



Proud
Program
Sponsor



www.walkfriendly.org

Mayors' Challenge for Safer People and Safer Streets



Mayor Foxx (2009 - 2013)



Secretary Foxx (2013 -)

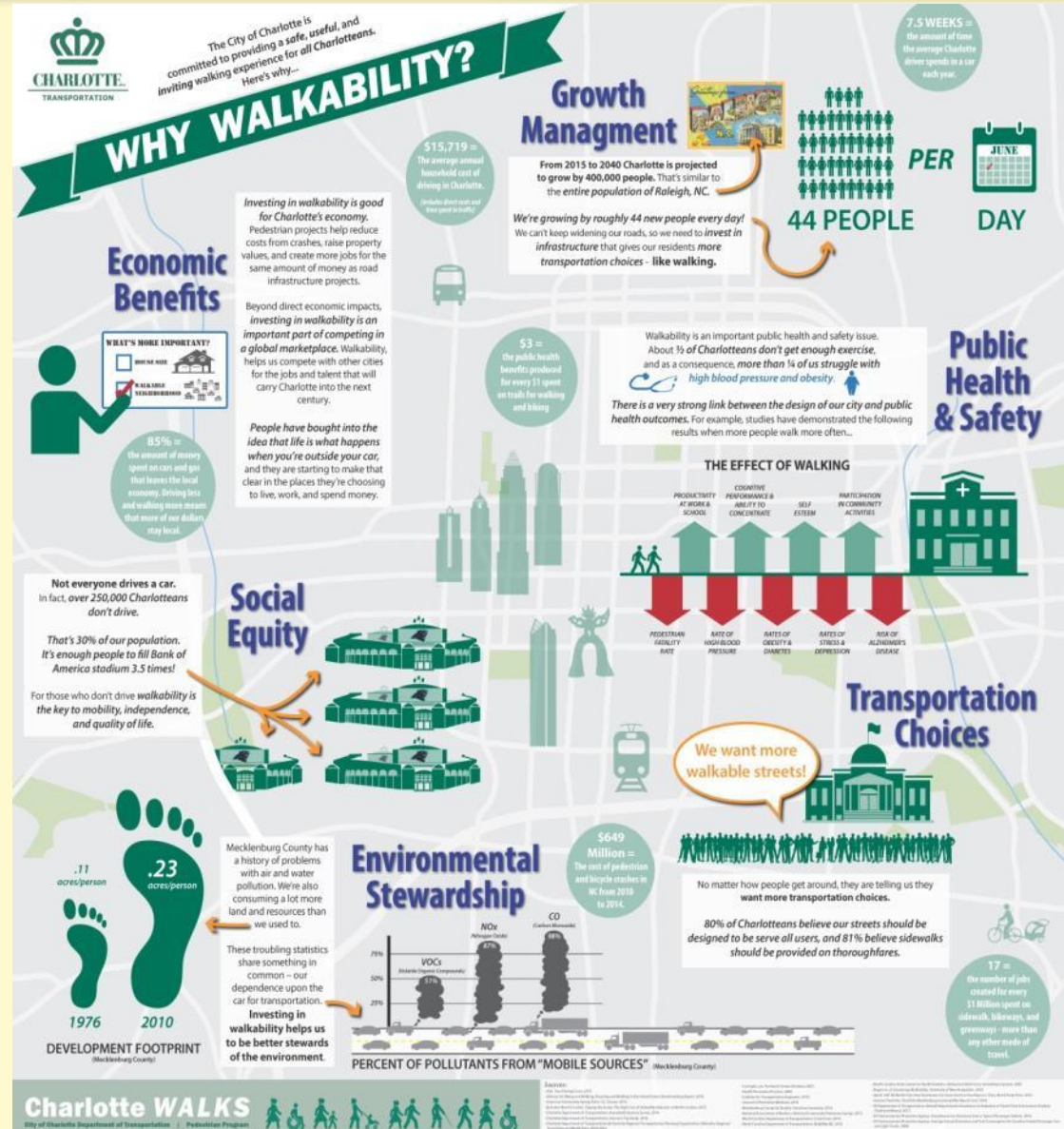


Charlotte's Framework for Action

It's about more than transportation... It's about creating GREAT PLACES!



- City Council chose to fund the Pedestrian and Traffic Safety Program at a high level (\$7.5 million/year)
- We are hearing more from the public about bicycle and pedestrian issues
- Proud of Bronze designation, eager to apply for Silver



Cross Charlotte Trail

<http://www.charlottefuture.com/crosscharlottetrail>

- 26-mile pedestrian and bicycle trail:
 - Continuous
 - Connected
 - Convenient
 - Separated



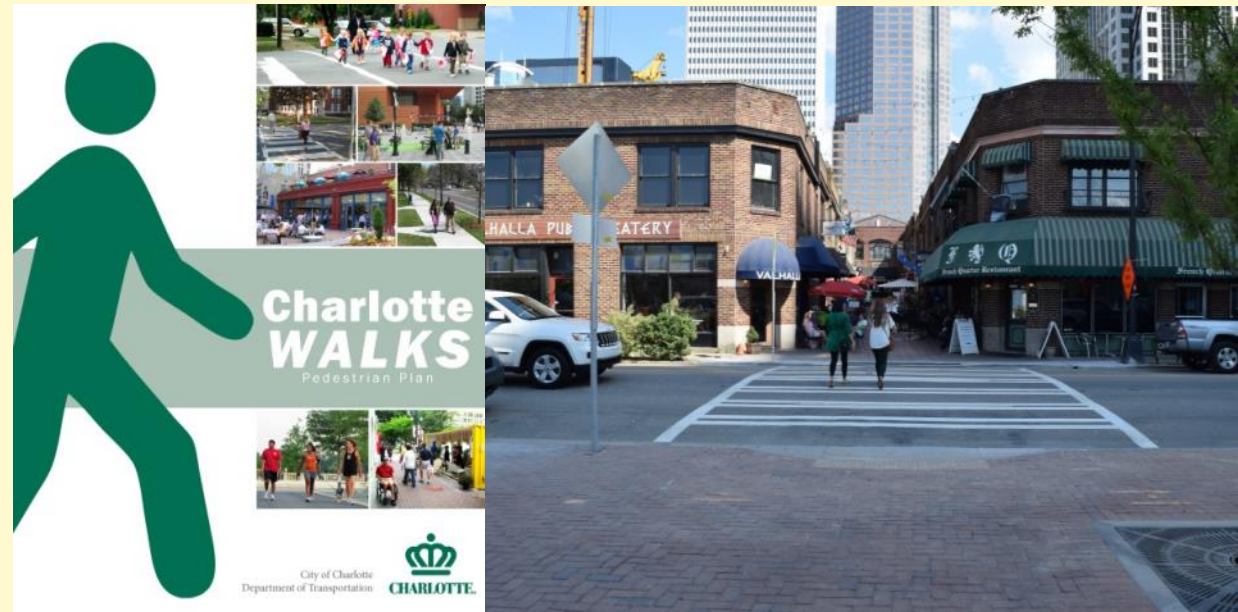
Light rail and streetcar extensions

- Additional 9.3 miles of light rail (11 stations) from Uptown to UNC-Charlotte campus by 2017
 - Total 19 miles and 26 stations
- CityLYNX Gold Line streetcar (1.5 miles, 6 stops)
 - Total 4 miles and 17 stops by 2019



Charlotte WALKS Pedestrian Plan

- Charlotte's first comprehensive pedestrian plan
- Three themes:
 - Safe
 - Useful
 - Inviting

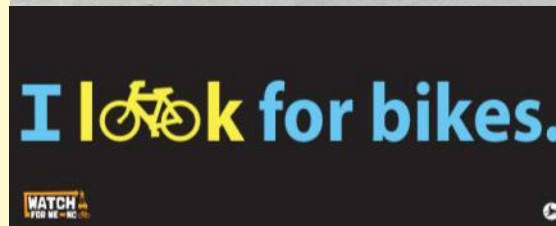


- Charlotte's first open streets event held on May 1

<http://openstreets704.com/>



- Statewide pedestrian and bicycle safety campaign
- Public education and police enforcement



- **To Do List**

- **Near Term (*1 year*)**

- Install Ped/Bike Counters & Displays
 - School Transportation Data
 - Install Bike Racks at Schools
 - Adopt Charlotte WALKS & Charlotte BIKES
 - Update Midblock Crossing Guidelines

- **Mid Term (*1-2 years*)**

- Apply for Silver-level Walk Friendly Community!

- **Long Term (*2-5 years*)**

- Establish Interagency Platform for Ped/Bike Data Collection & Sharing
 - Citywide Zoning Ordinance Rewrite



CHARLOTTESM
TRANSPORTATION

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dharrison@charlottenc.gov

Thank you!



Questions?

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