

Creation of the Guidelines: Interagency & Interdisciplinary



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Robert Wood Johnson Foundation Active Living Research Program—Evaluation of the Active Design Guidelines

Milbank Memorial Fund—2009 Design Workshop



Creation of the Guidelines



1. Overview of the Urban Design and Building Chapters of the Guidelines

2. Complementary City Policy



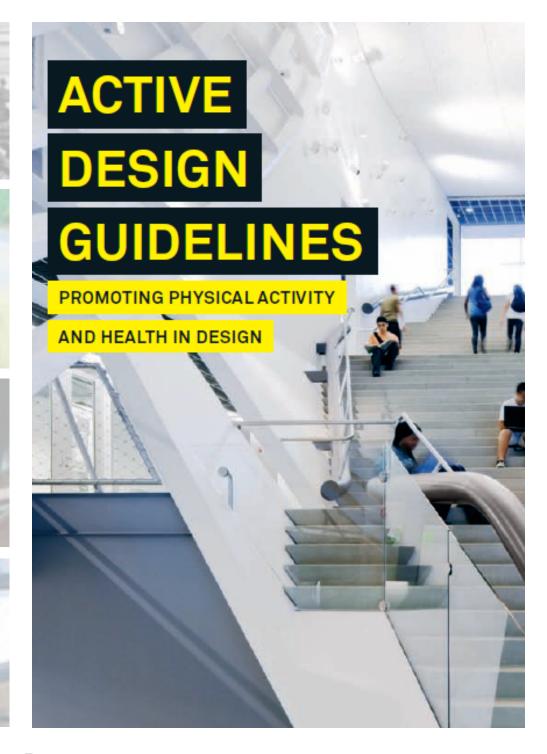
Active Design Guidelines

1) Environmental Design and Health: Past and Present

2) Urban Design: Creating an Active City

3) Building Design: Creating Opportunities for Daily Physical Activity

4) Synergies with Sustainable and Universal Design



www.nyc.gov/adg



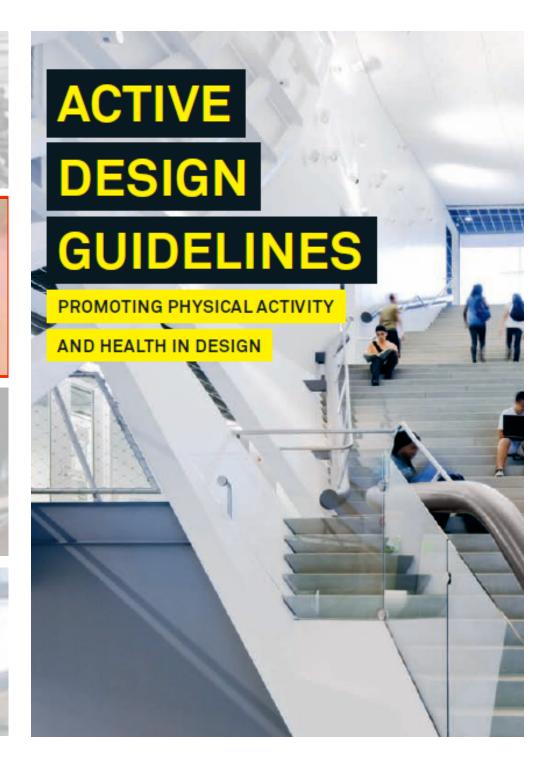
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Urban Design Strategies

- Land Use Mix
- Parks / Play Areas / Plazas
- Pedestrian Environment
- Bicycle Network and Infrastructure
- Transit Access



Land Use Mix







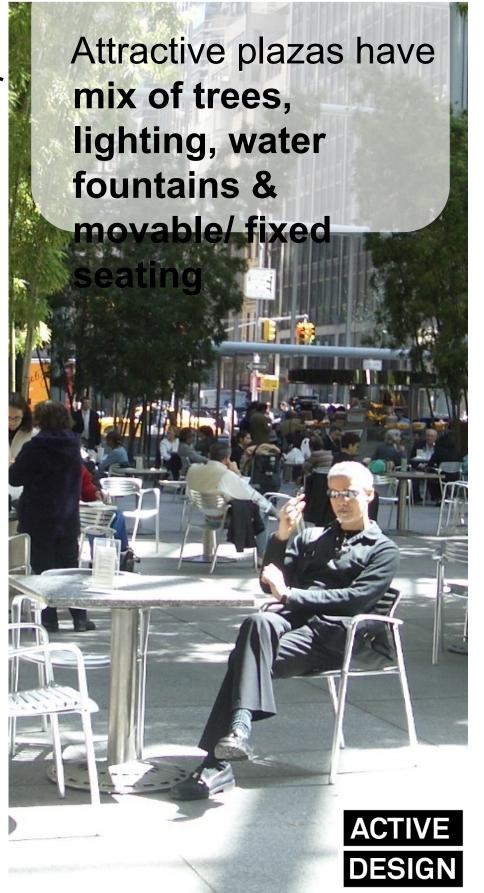
Parks/ Play Areas/ Plazas

Convenient parks and plazas encourage active use and recreation range of age groups

Design parks for local cultures and for





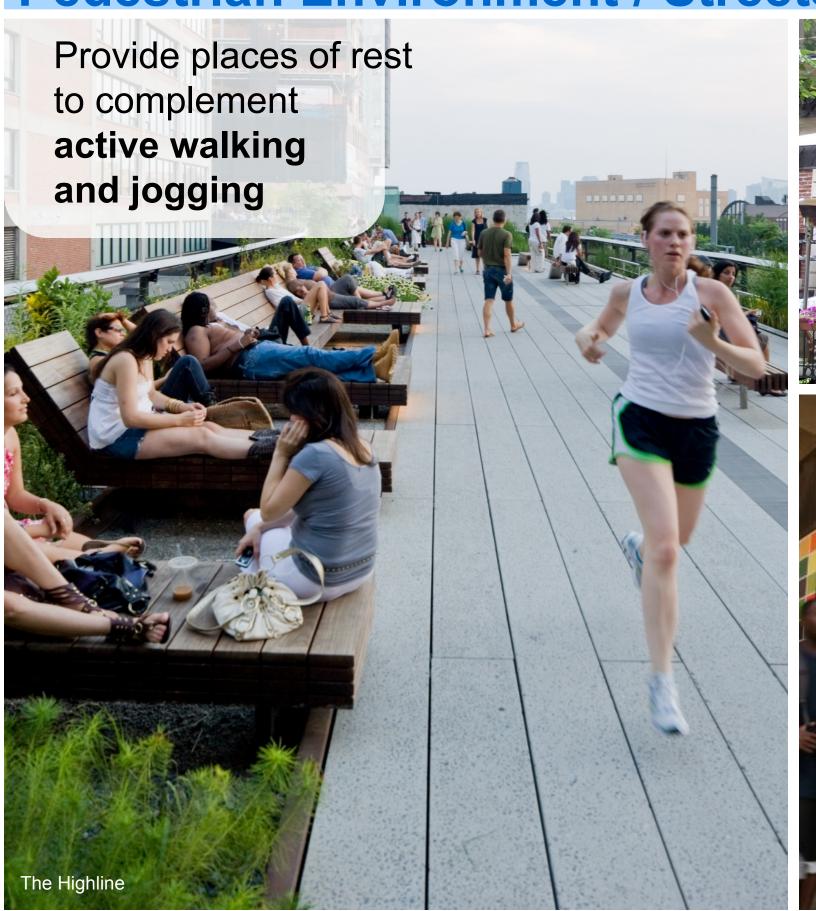




Pedestrian Environment / Traffic Calming



Pedestrian Environment / Streetscape







Pedestrian Environment / Streetscape





Bicycle Network and Infrastructure





Transit Access

Provide attractive and sheltered seating areas to encourage use of transit routes



Separate **bus lanes from traffic** to make transit
more convenient



Building Design

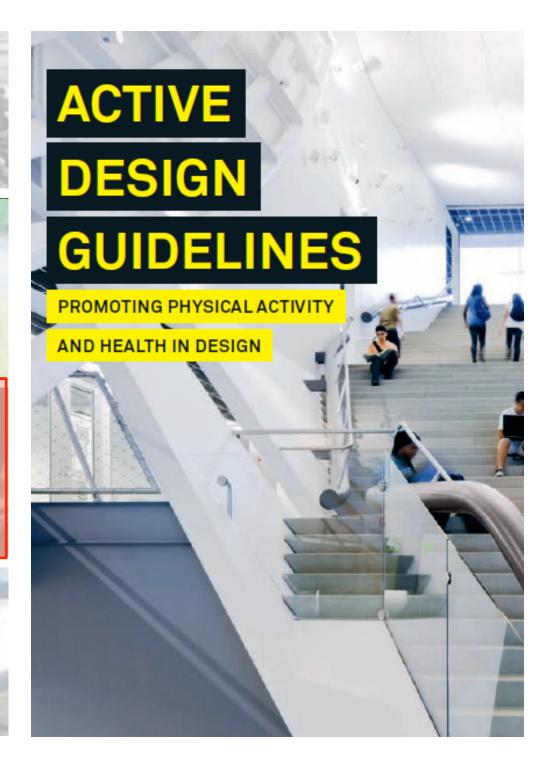
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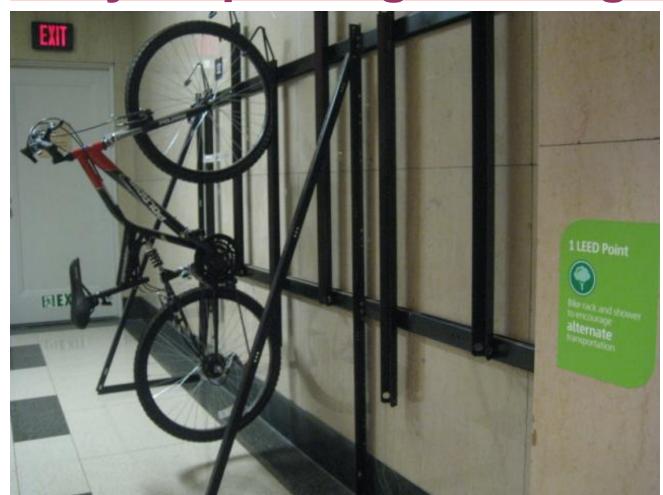


Building Design Strategies

- Bicycle Parking and Storage
- Recreational Programming
- •Stairs: Accessibility, Visibility, Convenience
- •Stairs: Aesthetics
- Stairs: Signage and Prompts
- •Building Exteriors: Contributing to the pedestrian

realm

Bicycle parking + storage





Secure Bike Storage with Easy Access



Recreational programming



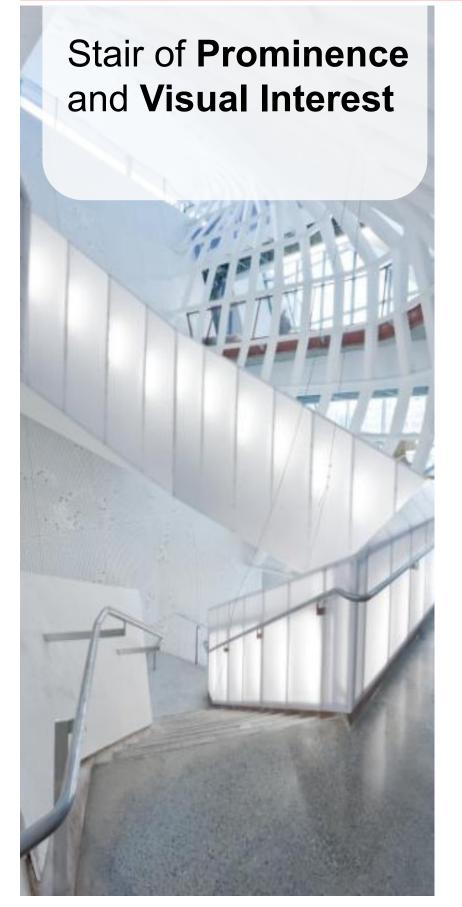


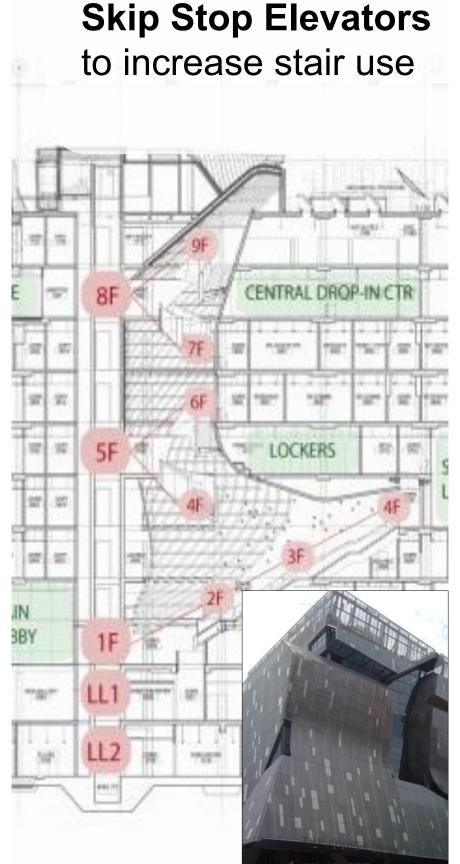


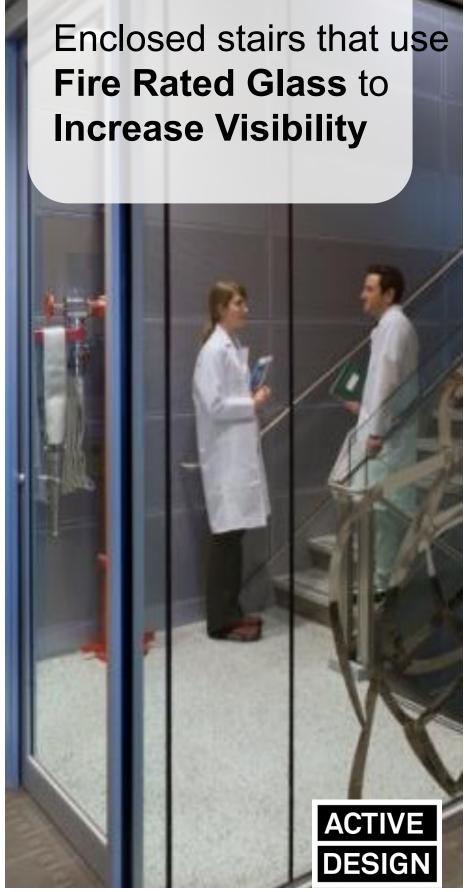
Provides fun and affordable recreational opportunities

- Mary Walton Children's
 Center
- Public School 64, Queens
- 10 West End Ave, Manhattan

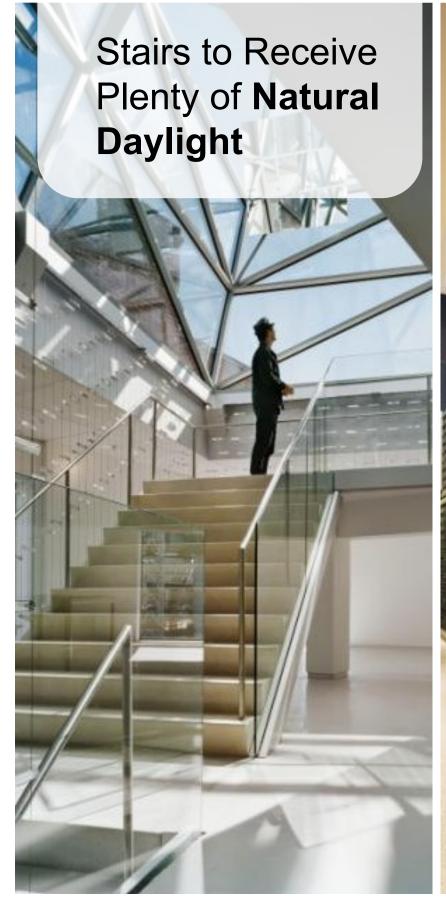
Stairs: accessibility, visibility, convenience

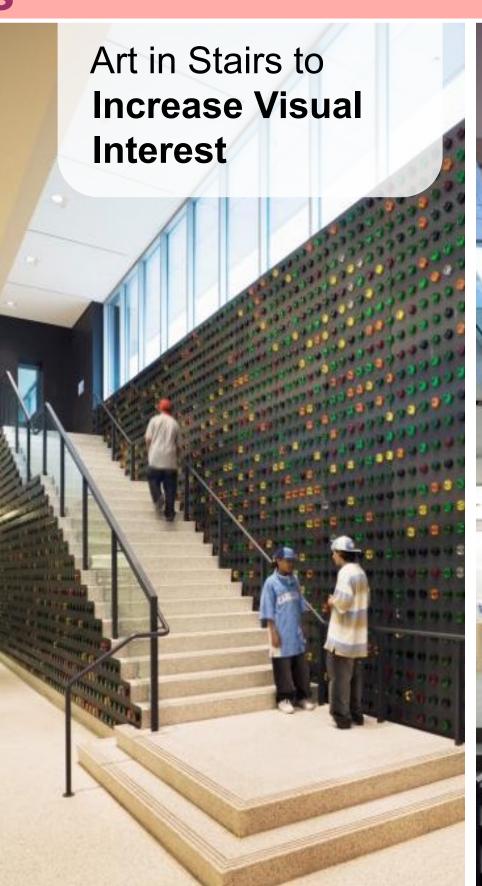






Stairs: aesthetics







Stairs: signage and prompts

Motivational Signage placed at points of decision:

On average, placing signage promoting stair use in locations such as near elevators or escalators has been shown to increase

Burn Calories, Not Electricity

Take the Stairs

Region and Regions and Region and Regio

Burn Calories, Not Electricity



Take the Stairs!

Walking up the stairs just 2 minutes a day helps prevent weight gain. It also helps the environment.

earn more at www.nyc.gov or call 311.

Michael R. Bloomberg







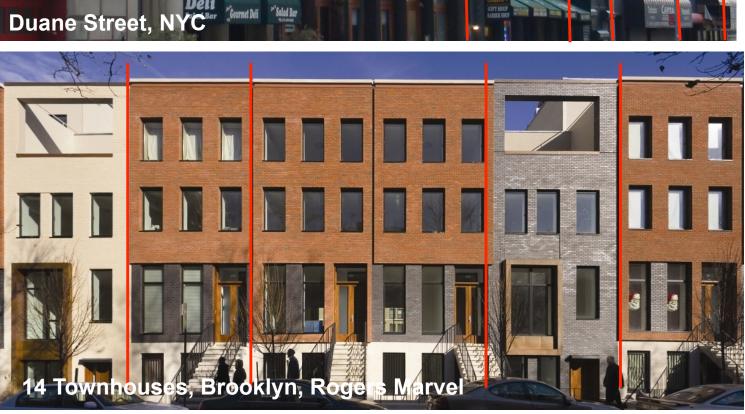


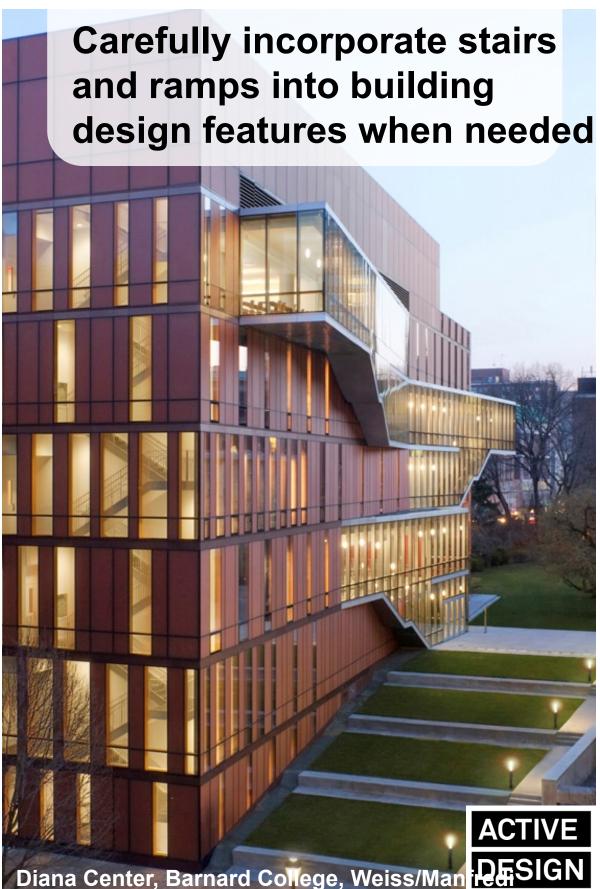
Building Exteriors: contributing to the pedestrian



Building Exteriors: contributing to the pedestrian







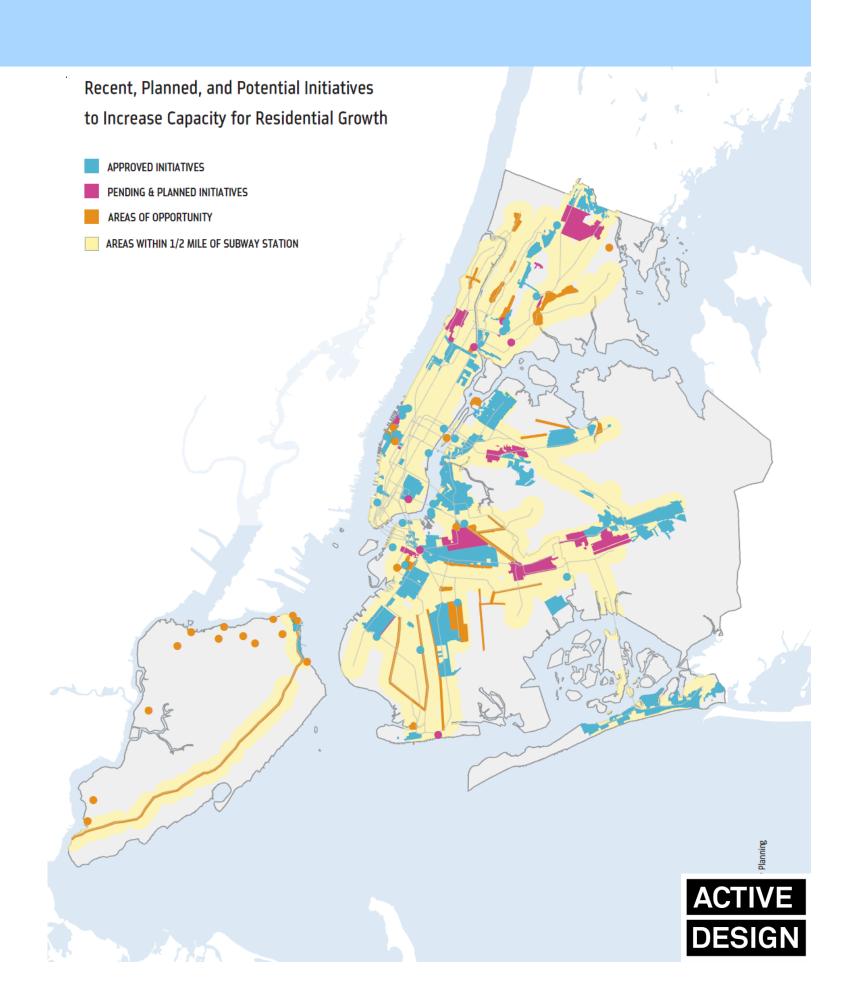
What are some of the recent city policies that align with active design goals?



General Approach

Smart Growth

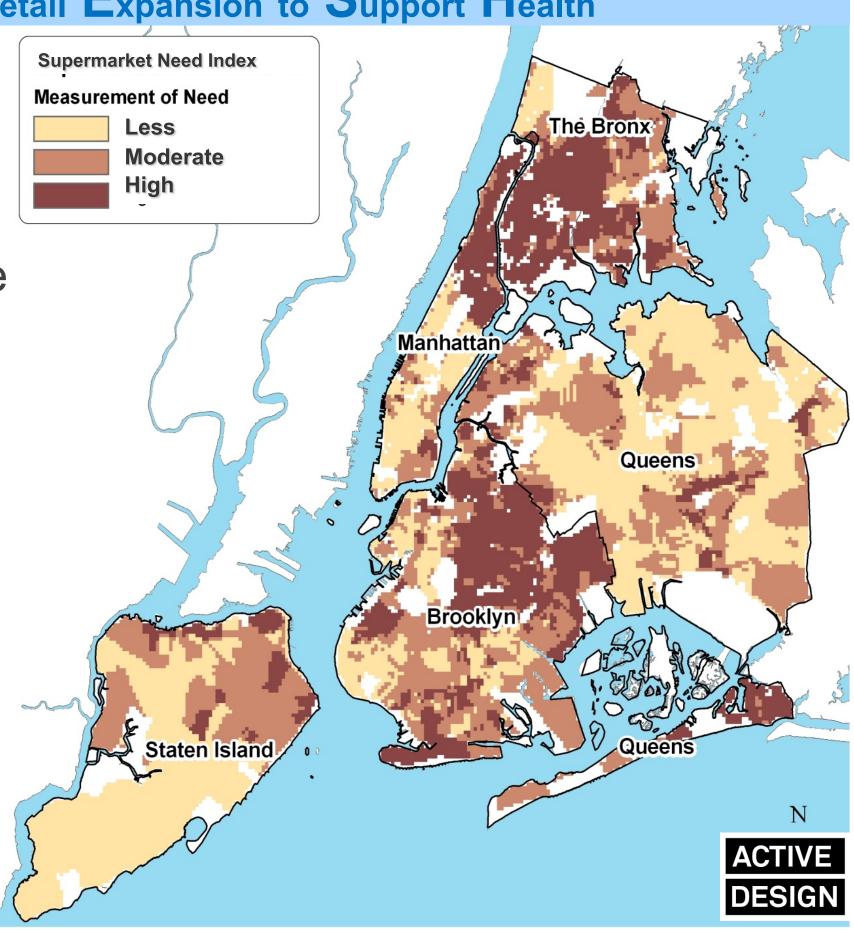
Focusing the development for 1 million new people by the year 2030 near public transit access.



NYC FRESH: Food Retail Expansion to Support Health

Understanding where people have limited access to fresh produce__

where the highest rates of diabetes and obesity are



NYC FRESH: Food Retail Expansion to Support Health

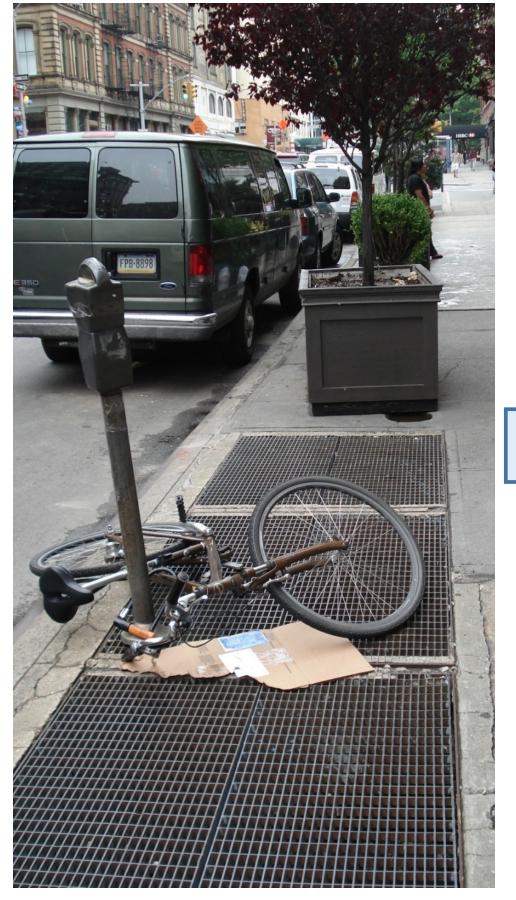


NYC FRESH Program:

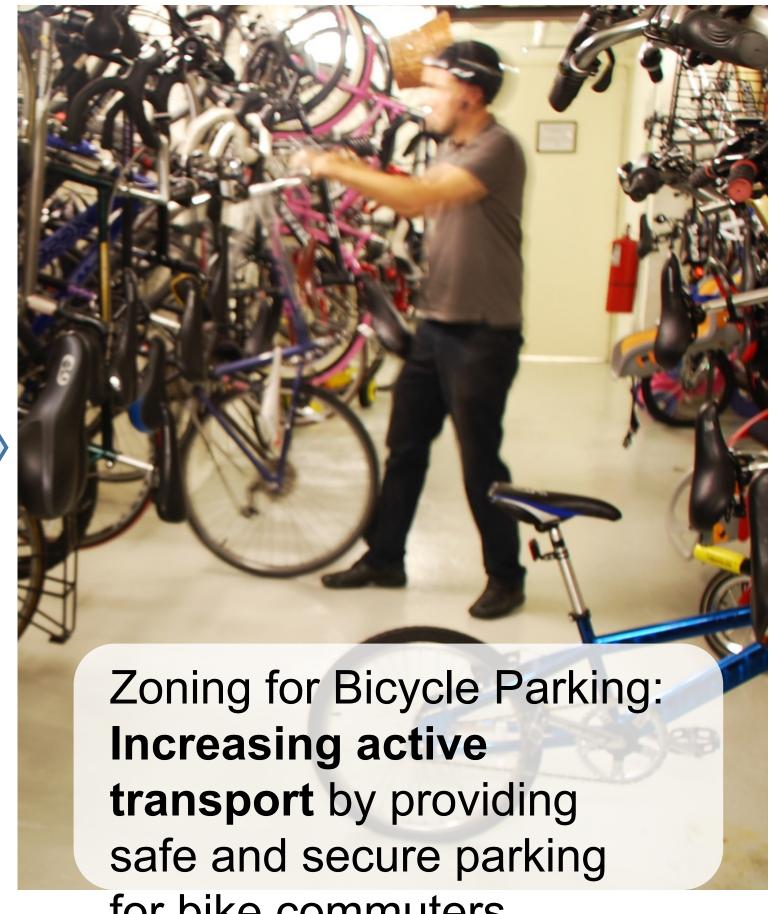
Zoning and tax incentives for providing fresh food options in the city's underserved areas



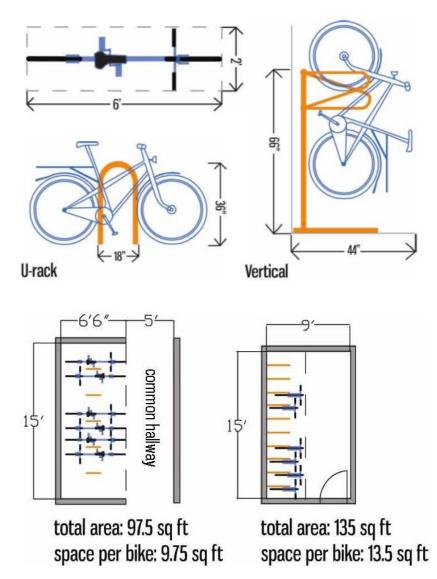
Zoning for Bicycle Parking

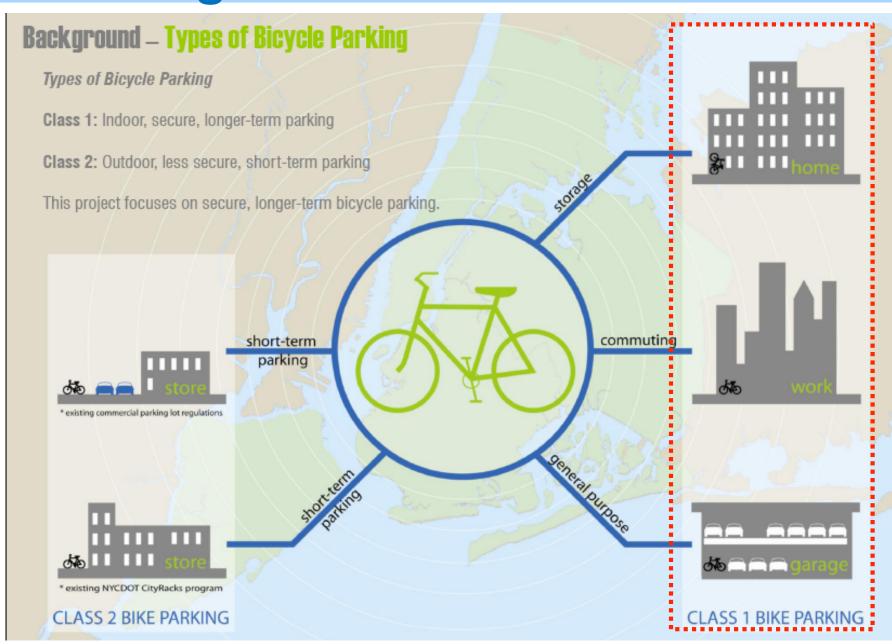






Zoning for Bicycle Parking







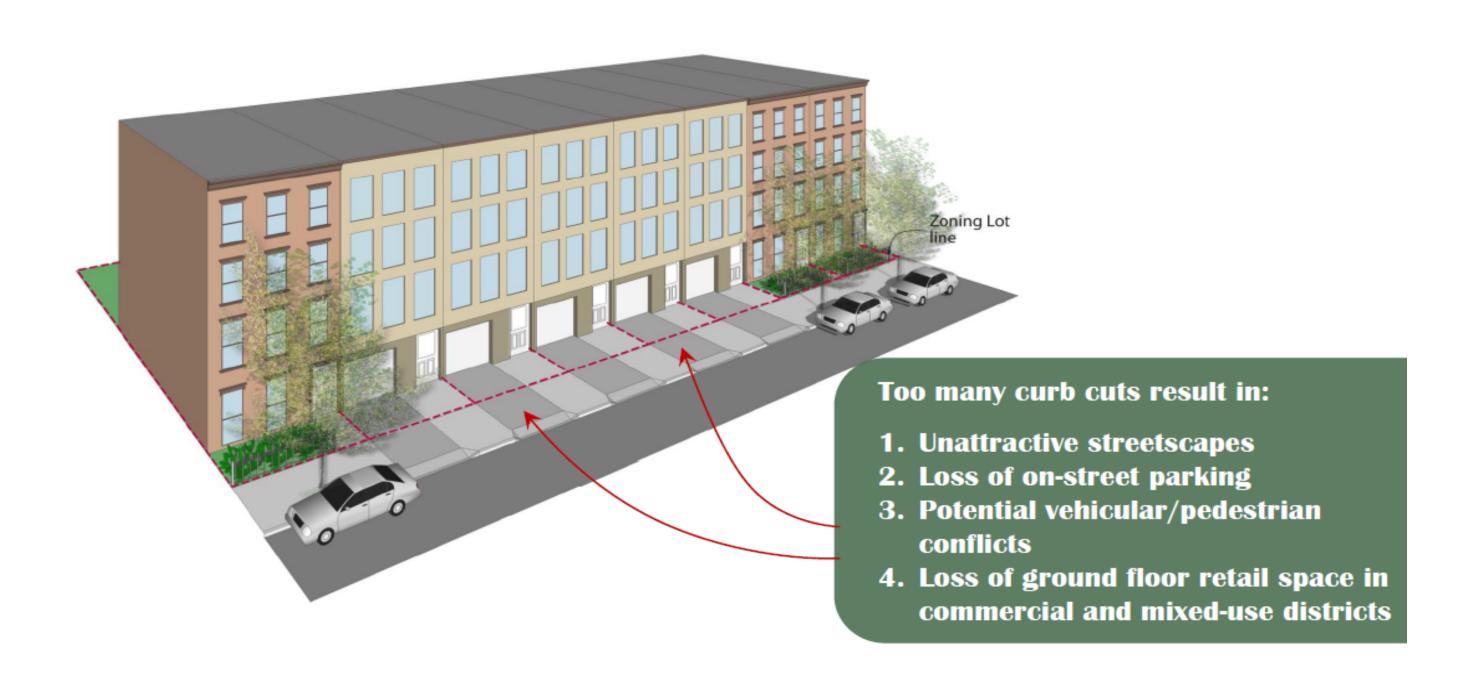
Bicycle parking now required for new buildings, enlargements, conversions and public parking garages (floor area is discounted)



Residential Streetscape Preservation Text



Residential Streetscape Preservation Text Amendment



Creating a more continuous and inviting pedestrian environment

Residential Streetscape Preservation Text Amendment



Creating a more continuous and inviting pedestrian environment

Privately Owned Public Spaces (POPs)











Privately Owned Public Spaces (POPs)















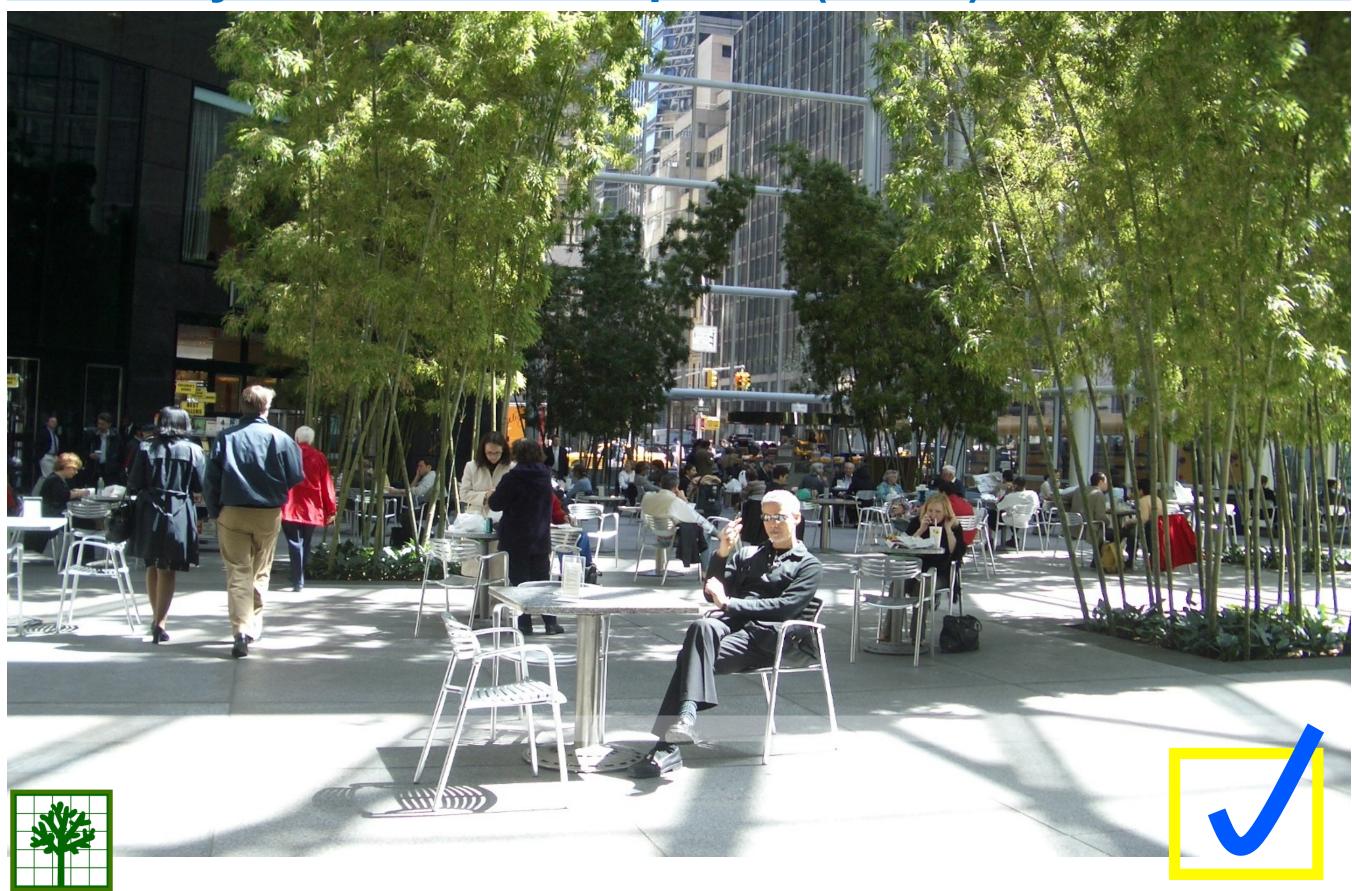
- Seating Variety(backs + shade)
- •No. Trees
- Groundcover

- Lighting
- Signage
- Entries on
- Spaces
- Orientation





Privately Owned Public Spaces (POPs)



Vision 2020: Comprehensive Waterfront Plan



Vision 2020: Comprehensive Waterfront Plan

VISION 2020 GOALS

- 1. Expand public access.
- 2. Enliven the waterfront.
- 3. Support the working waterfront.
- 4. Improve water quality.
- 5. Restore the natural waterfront.
- 6. Enhance the Blue Network.
- 7. Improve government oversight.

8. Increase climate resilience.

VISION 2020

http://www.nyc.gov/html/dcp/html/cwp/index.shtml



Vision 2020: Comprehensive Waterfront Plan









Vision 2020: Comprehensive Waterfront Plan



Car Share Zoning Text Amendment

APRIL 26, 2010

PARKING

ARKING

ARKIN

The off-street parking regulations in the City were written nearly a half century ago:

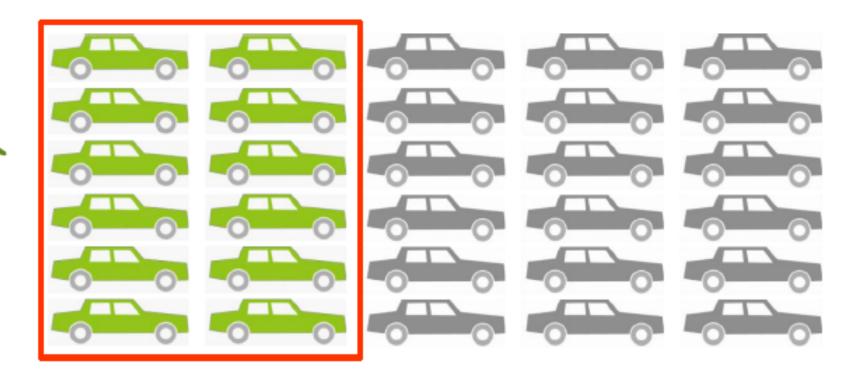
- Define 'car share' in the zoning resolution
- Establish rules for quantity and location



Car Share Zoning Text Amendment

12 car share vehicles would eliminate demand for an estimated 28-154 cars in the area

Up to 40% of total spaces



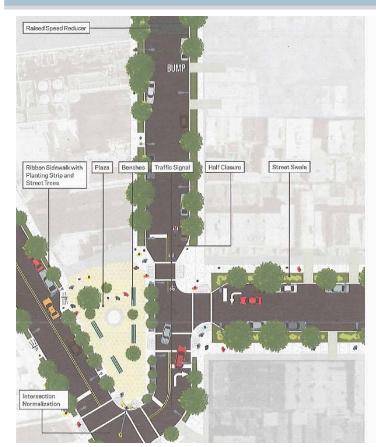
EXAMPLE

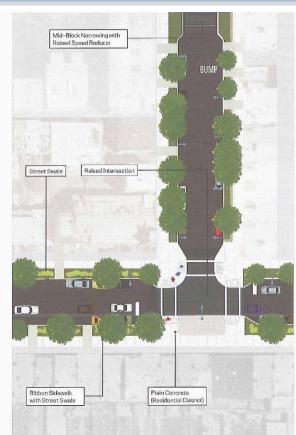
Size of facility: 40 spaces

Car sharing vehicles: up to 12 cars

Studies show people drive less, therefore taking more cars off the streets, reducing pollution and traffic congestion, and making a friendlier environment for the pedestrian to WALK!

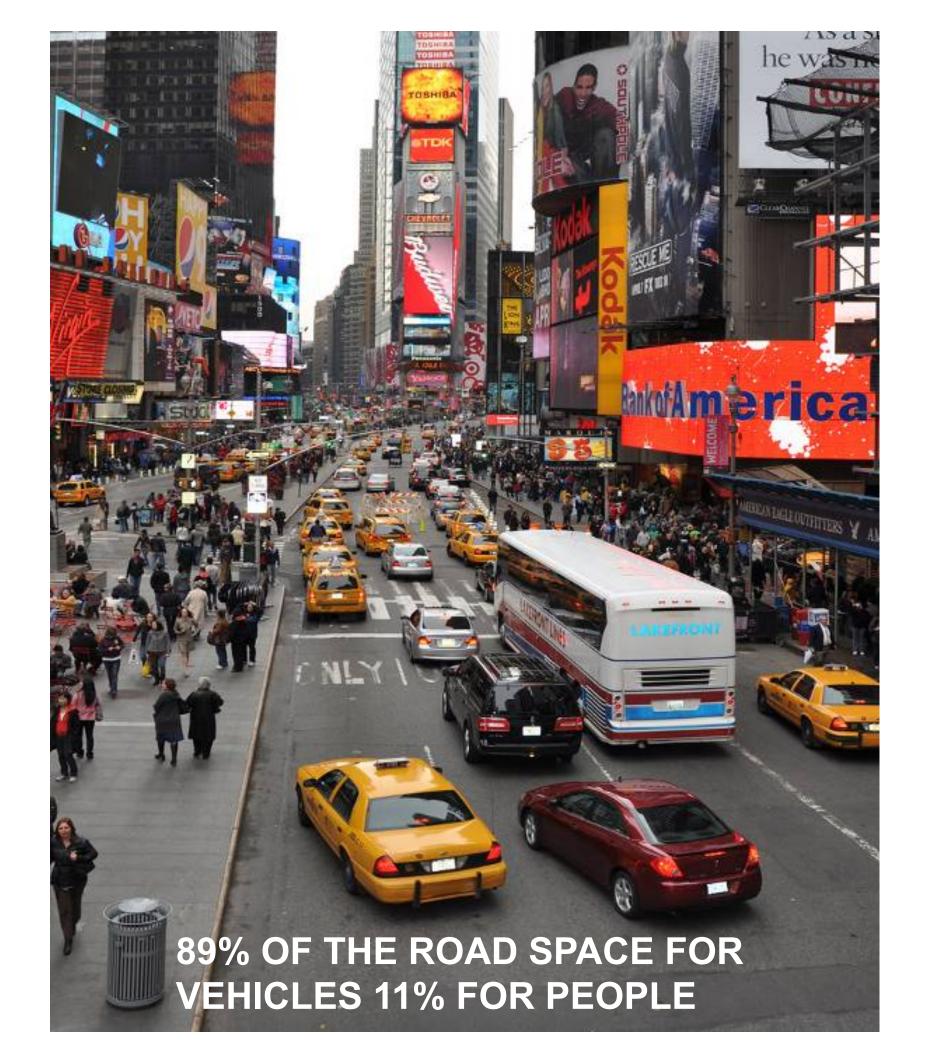
Changing the form of the Public Right of Way



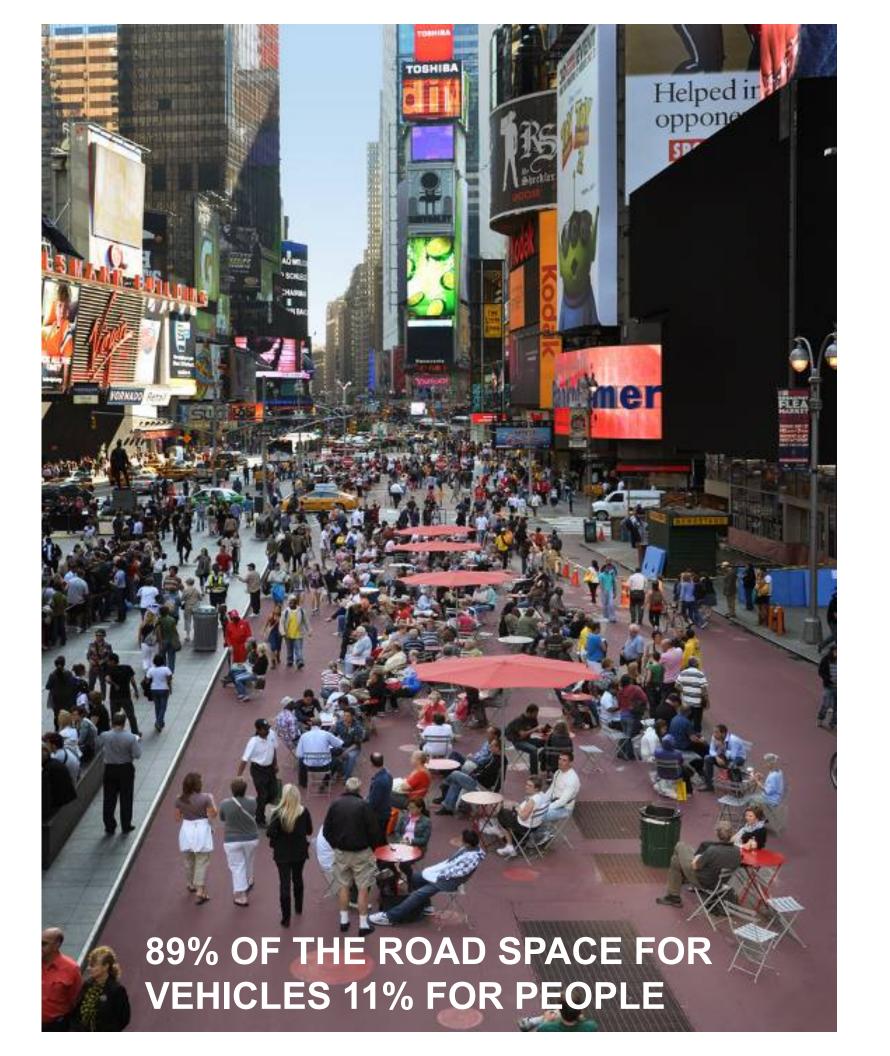










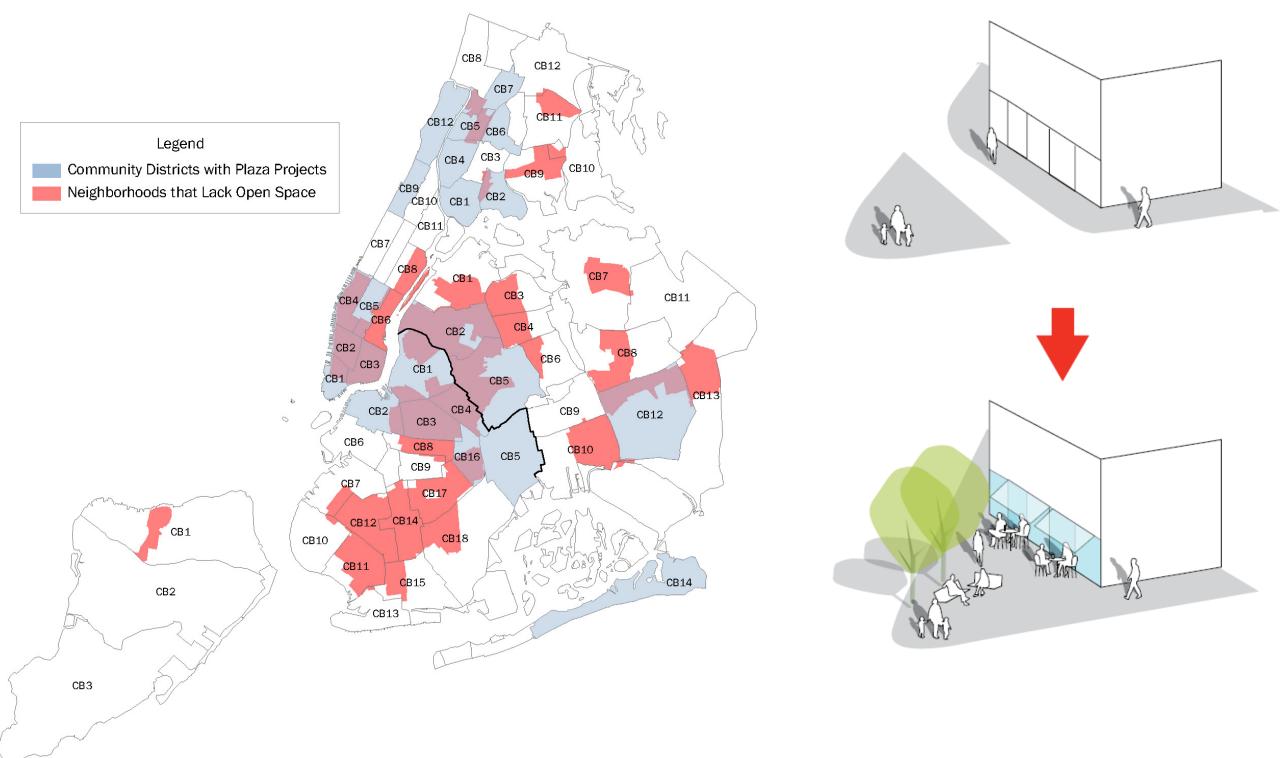




Changing the form of the Public Right of Way

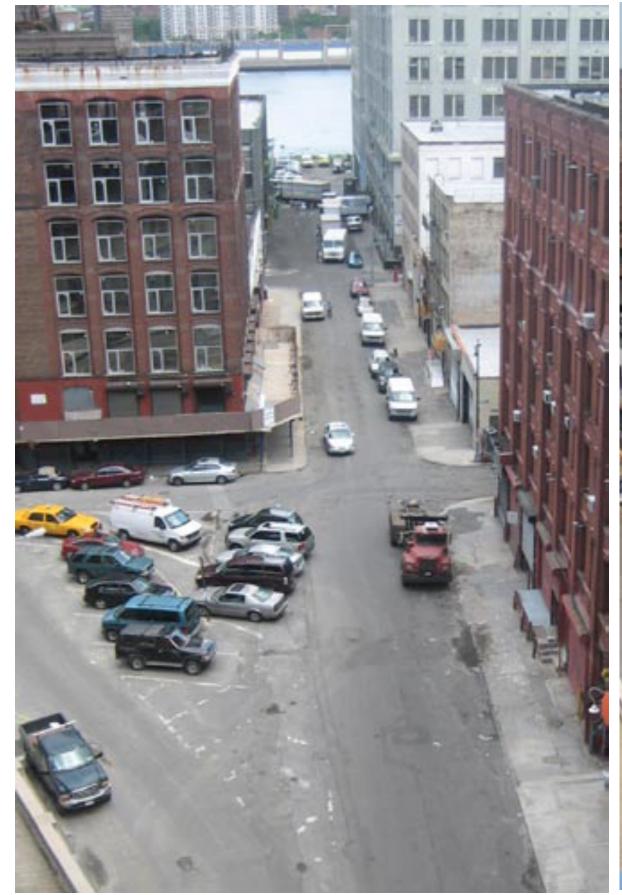


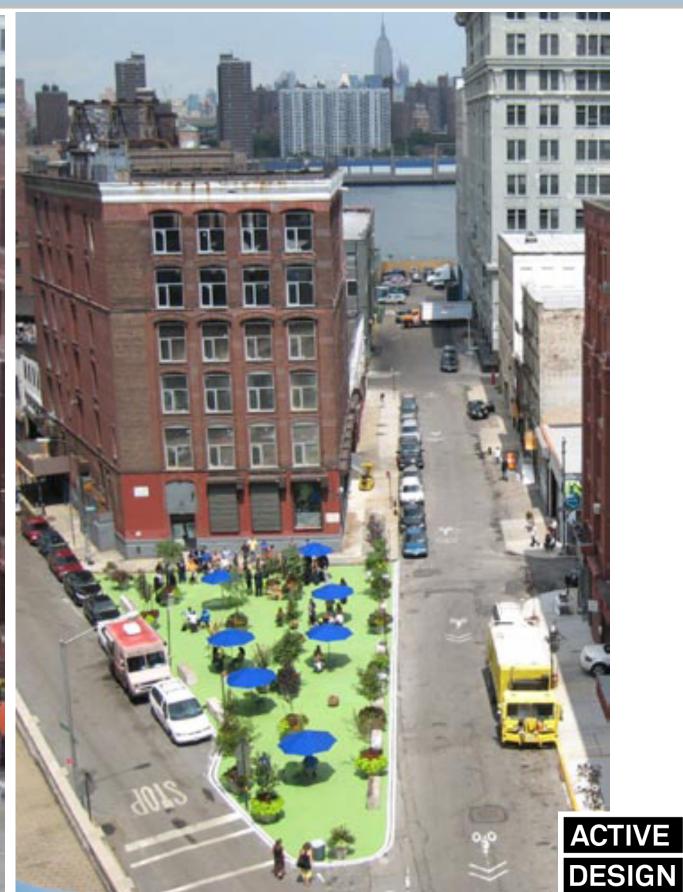
Public Plaza Program





Public Plaza Program

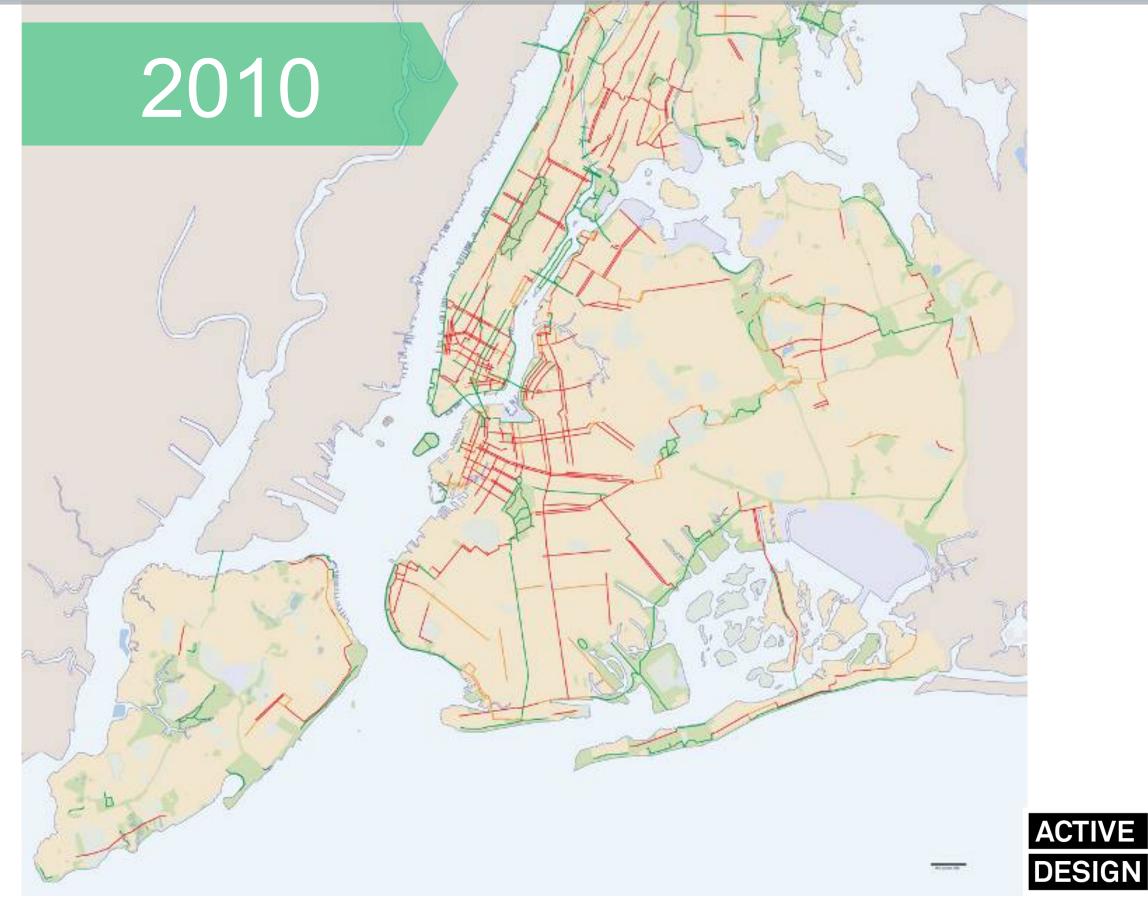




Bicycle Network



Bicycle Network



City Policy + Implementation Bicycling



Class I

Class I bike paths are physically separated from motor vehicle and pedestrian traffic



Class II

Class II on-street bike lanes are defined by a painted stripe



Class III

<u>Class III</u> bike routes are represented only by posted route signs

Class 1: Bike Path (2.1.2b)

Signal Protected Path 9th Avenue, 31st to 16th Streets, Manhattan

14 feet

Protected Path with Mixing Zones Grand Street, Manhattan



8 feet

Buffered Lane DeKalb Avenue, Brooklyn



8 feet

Class 2: Bike Lane (2.1.2a)

Standard Lane 20th & 21st Streets, Manhattan



5 feet

Class 3: Bike Route (Not Included in Manual)

Shared Lane 48th Street, Queens

Signed Route



None A wide (13-foot) travel lane is preferred



None A wide (13-foot) travel lane is preferred City Policy + Implementation Bicycling



City Policy + Implementation Bicycle Infrastructure



City Policy + Implementation Programming: Summer Streets and Play Streets







City Policy + Implementation Programming: Summer Streets and Play Streets





Results: in New York City from 2000 to 2010

30% reduction in traffic fatalities

10% growth in bus and subway ridership

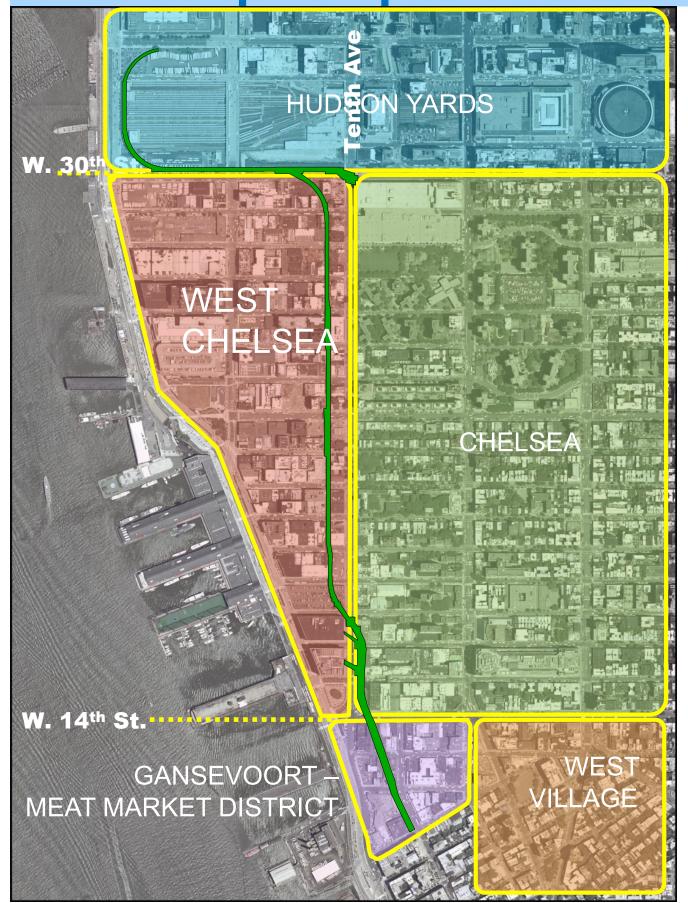
262% increase in commuter cycling

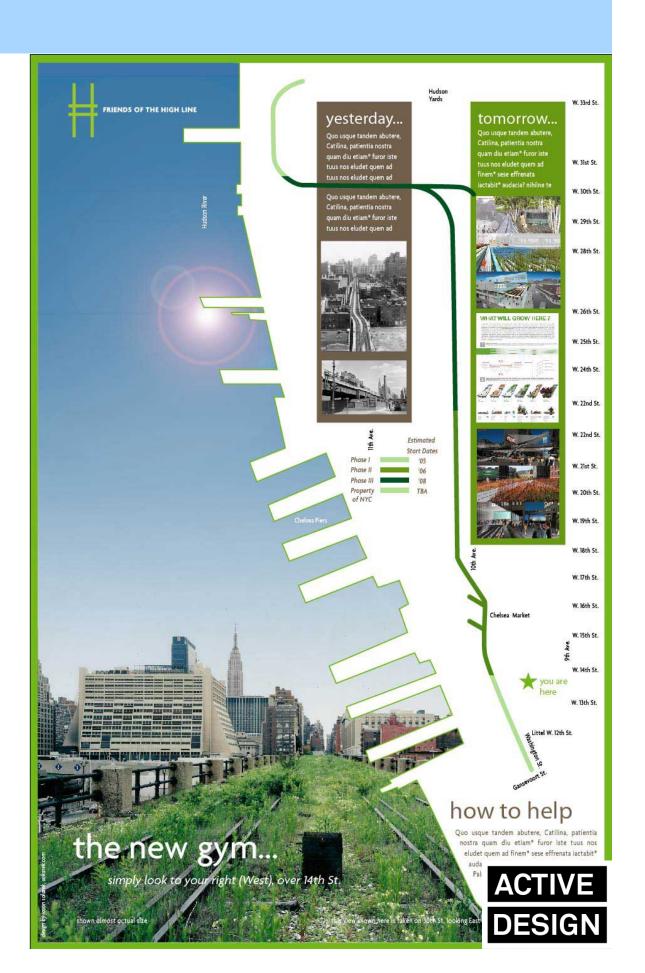
5% reduction in motor vehicle registrations

25% decline in citywide traffic volumes (2000-2009)

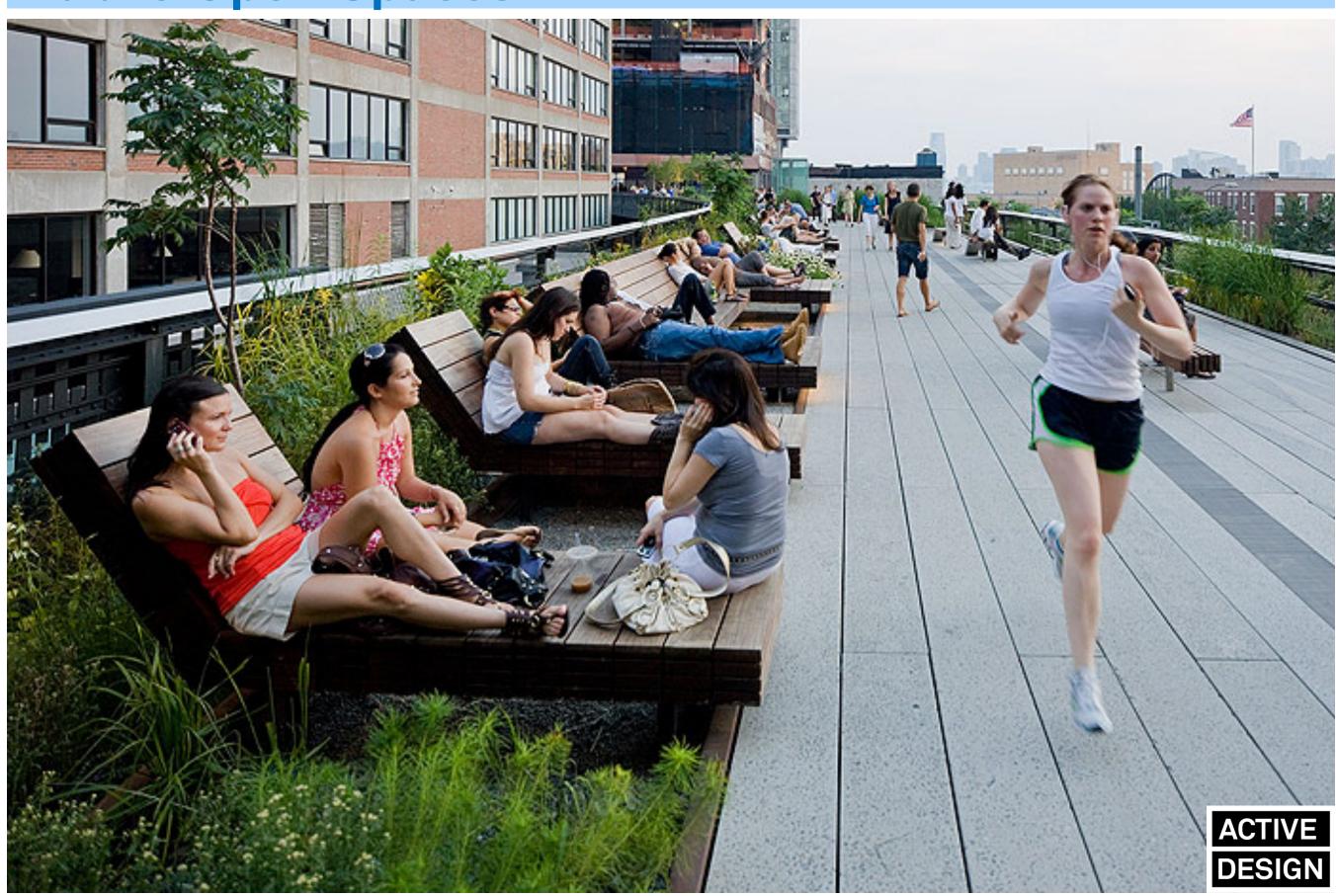


Public Open Spaces



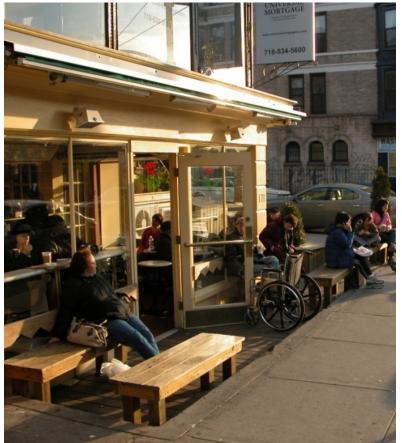


Public Open Spaces



General Approach



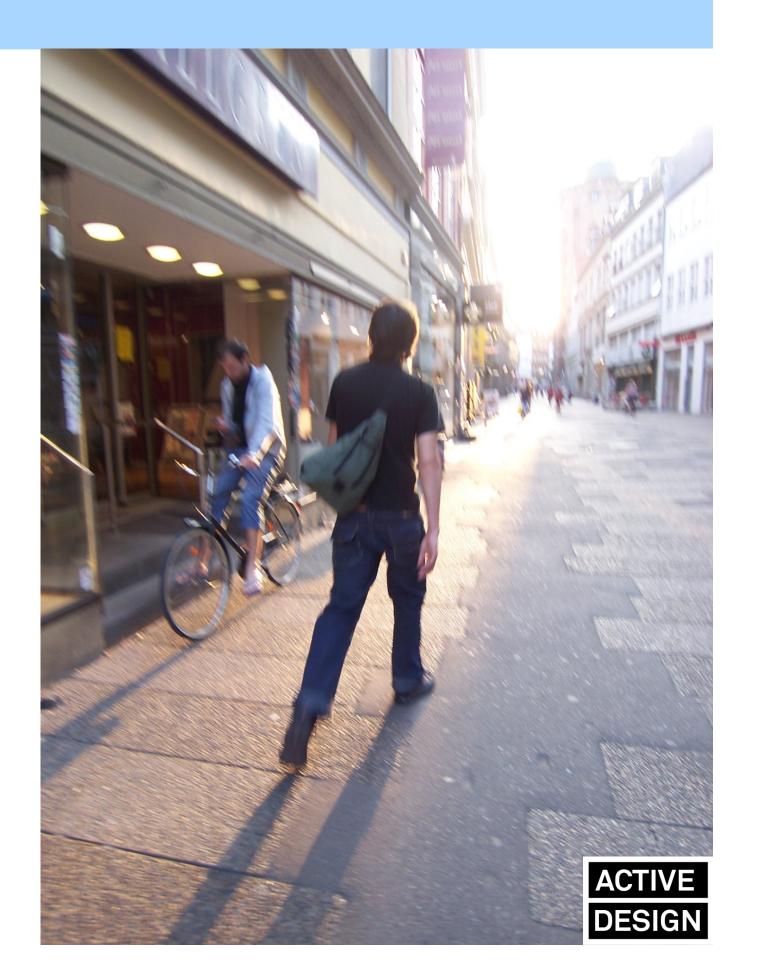






General Approach

How do you judge? The pedestrian comes first!



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Thank you!

