





#### Agenda, July 14th, 2011





#### Why is Adequate Bike Parking Important?

- Safe Routes is building more bicyclists
- Kids won't ride without a safe and obvious place to park
- Helps promote Safe Routes program
- Quick engineering improvement to show progress
- Demonstrates school support for bicycling

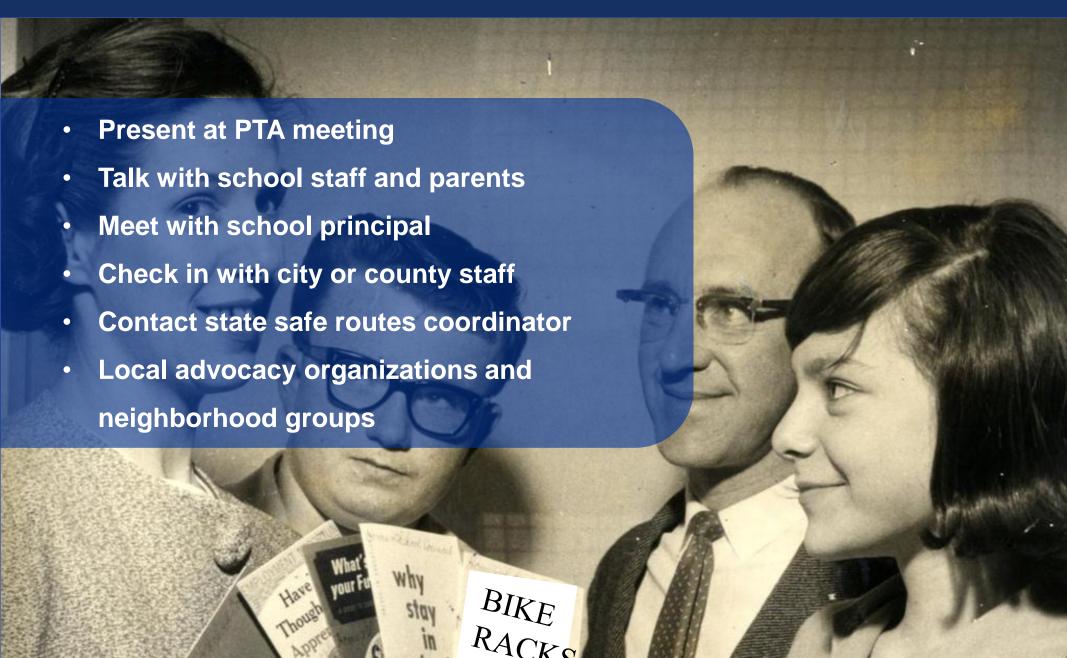


#### Strategies for Improving Bicycle Parking





#### Talk with your Power People





#### Funding for Bicycle Racks or Storage

- SRTS, TE, other...
- City or County programs
- Foundations
- Parent-led fundraising events
- The school district or transportation departments
- Volunteers
- Individual donors
- Local corporations or retail businesses
- Work creatively with community groups to fund and/or build racks
- Consider funding the donation of locks for low-income students, or a long cable to secure an entire rack



#### Siting Racks





# Siting Racks





#### Siting Racks – Positive Example:





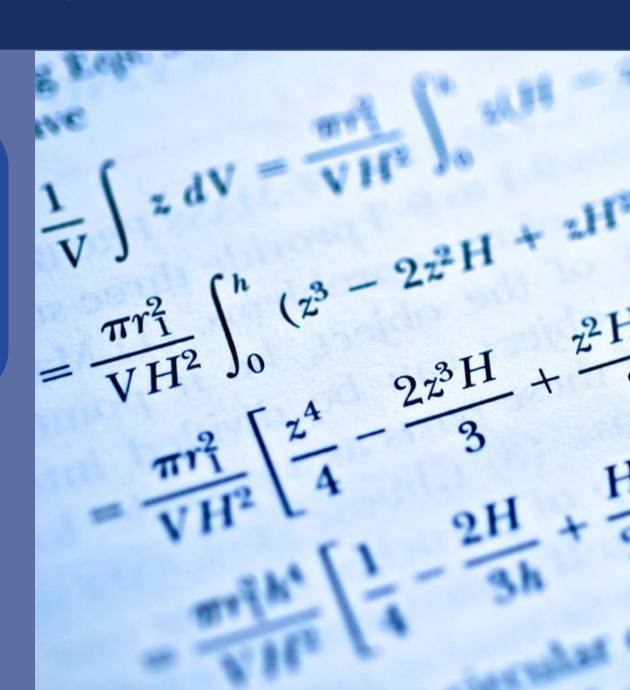
# Siting Racks – Signage

# Cycle Rack far end of building



# Choosing the Right Number of Racks

- City ordinances or district policies may already outline a minimum formula
- Number of racks should exceed demand





#### Beach Elementary, Portland, OR



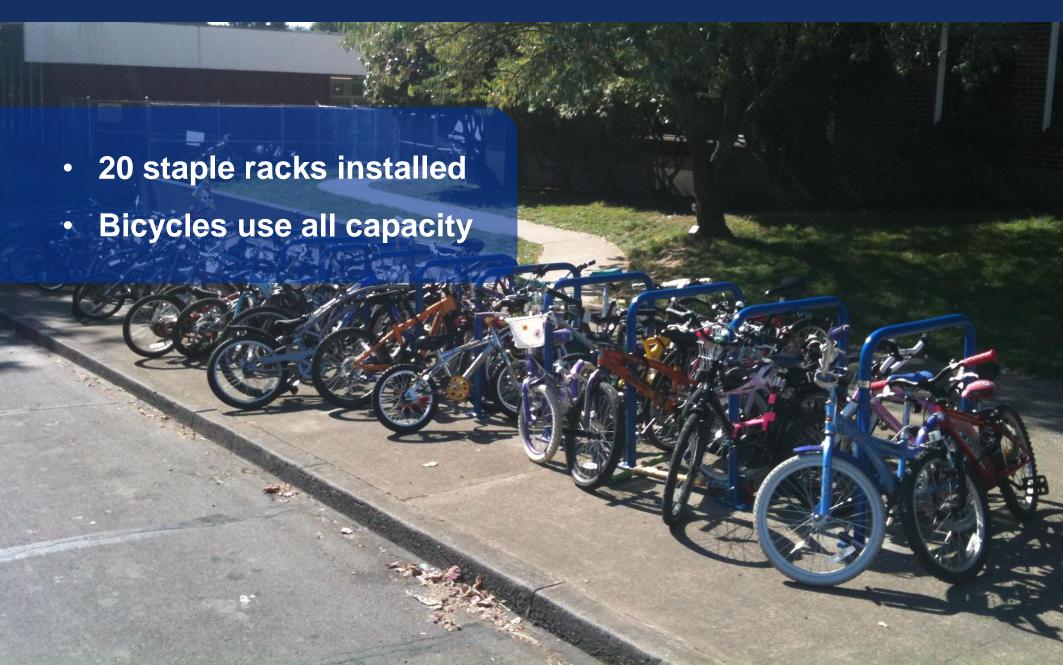


# Beach Elementary, Portland, OR

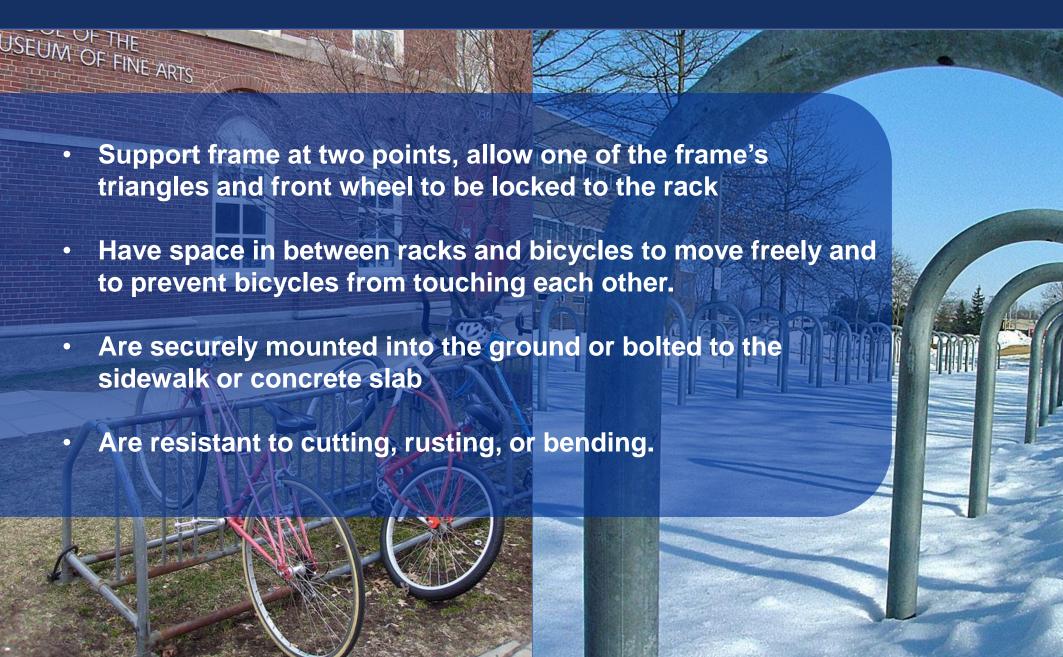




#### Beach Elementary, Portland, OR





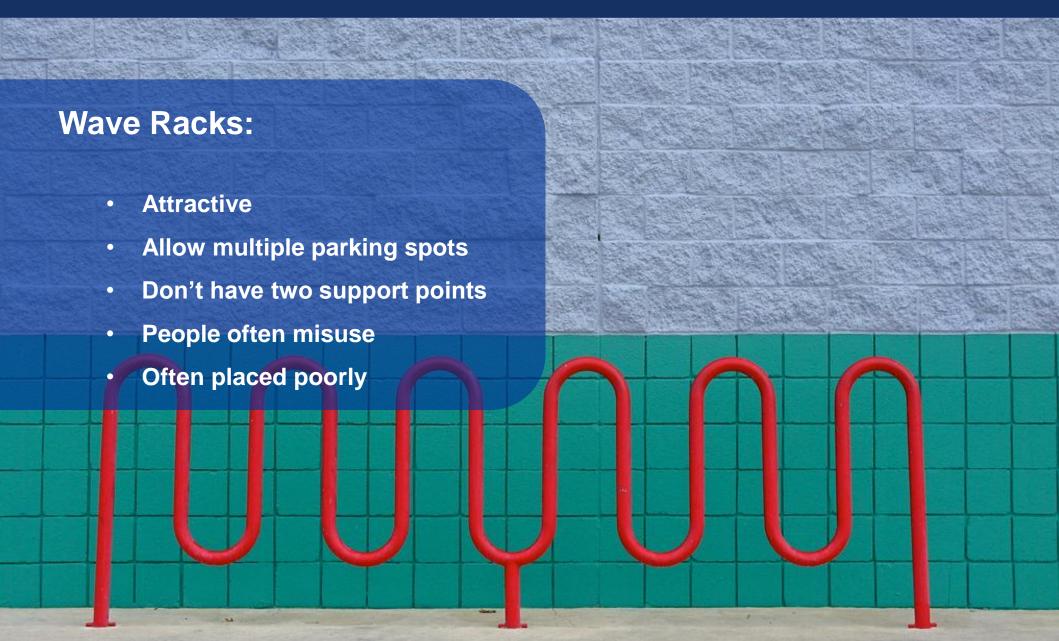














# **Hanger Racks:** Has two touch points Multiple bicycle parking **Attractive** Bicycles too close together Don't accommodate all bicycle sizes







#### **Artistic/Creative Rack Solutions**





# Covered Bicycle Racks





#### Casey Middle School, Boulder, CO





#### Roosevelt Middle School, Eugene, OR





# Roosevelt Middle School, Eugene, OR





#### Rack Installation





#### Rack Maintenance and Education





#### Scooters and Skateboards

- Locking mechanism
- Covers chuck screws
- Placed near bicycle racks
- Improves skater behavior!





# Security







# U-Locks



Heavy

Work with only some racks

Relatively expensive





#### Cable Locks

- Works with all rack styles
- Light and easier to carry
- Less secure
- More affordable





#### Combination U-lock and Cable

- Helps secure front wheel
- Robust
- More expensive than just cable





#### Securing the Bicycle to a Rack

When locking bicycle with a cable or U-lock ensure lock goes through:

- 1. Frame
- 2. Front wheel
- 3. Rack





#### Securing the Bicycle to a Rack

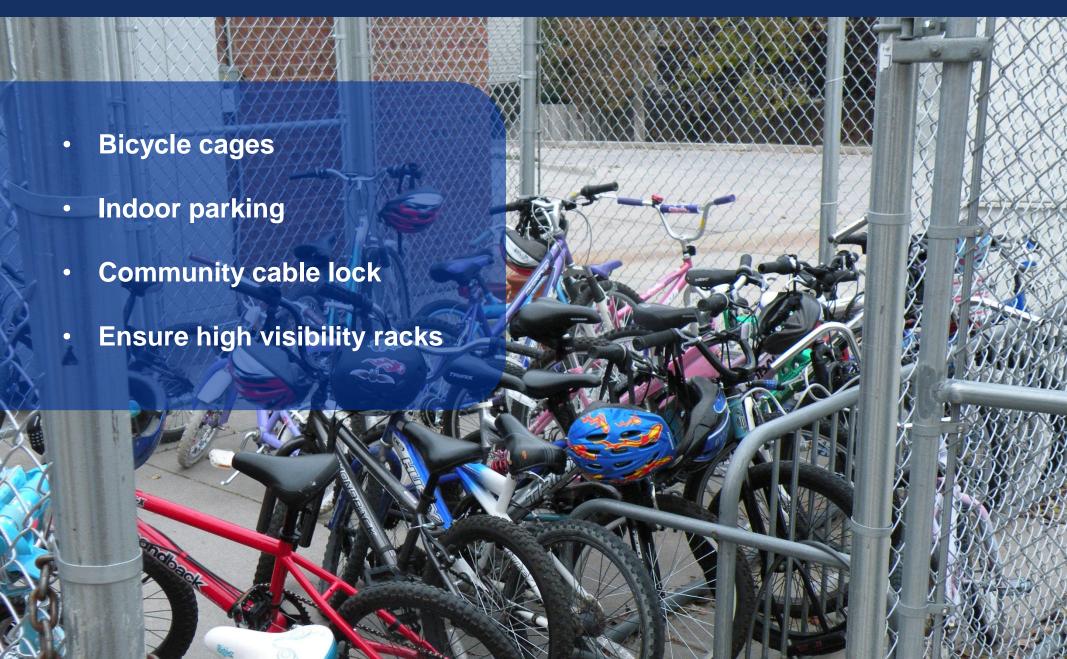
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#### Security in Low Income or High Crime Areas





#### Bicycle Parking, Storage and Security





Bicycle Parking
Policies:
Using Policy to
Make Bike Parking
Multiply

Sara Zimmerman, Senior Staff Attorney



# Public Health Law & Policy

We partner with state and local leaders to improve health in communities, especially the underserved.

We research legal and policy questions, draft policy language, and train community leaders to put these ideas to work.



## What are our goals for bike parking?

- Plentiful bike parking
- Convenient to find and safely access
- Easy to use
- Theft resistant & safe for bicyclist



# We've got two choices to achieve our goals:

#### **EITHER:**

We struggle to get each bike rack installed.

OR

We pass a policy.



[Comment: If improper use of lockers is a concern in a particular community, this definition could be amended to expressly allow for an optional opening of up to 9 inches at the base of the locker to allow for security inspections

c. "Bike Rack": A device consistent with industry standards that (i) is capable of supporting a bicycle in two places, (ii) is made of durable materials, (iii) is no less than [36] inches tall (from base to top of rack) and no less than [2] feet in length, and (iv) permits the securing of the bicycle frame and one wheel with a U-shaped lock.

[Comment: U-shaped locks are the most effective bike locks. Eike racks that only support the bicycle in one place make it easy for bicycles to fall over.]

- d. "Short-Term Bicycle Parking": Eicycle parking primarily intended for bicyclists who
- e. "Short-Term Bicycle Parking Space": A Bicycle Parking Space that provides Short need bicycle parking for 3 hours or less.
- f. "Long-Term Bicycle Parking": Eicycle parking that is primarily intended for bicyclists Term Bicycle Parking.
- Who need bicycle parking for more than 3 hours and is fully protected from the weather. g. "Long-Term Bicycle Parking Space": A Eicycle Parking Space that provides Long Term
- at bicycle narking laws recognize the need to distinguish a poods of community residents out Bicycle Parking.

## What is a policy?

#### A policy is:

- a statement in writing
- binding
- setting out a general approach to be applied broadly

#### Some examples

- School board policy
- Local or state law
- Resolution
- Zoning language



## Why is policy important?

#### **Policies can:**

- Increase effectiveness of campaigns by institutionalizing change
- Ensure consistent implementation
- Provide incentives & encourage innovation
- Allow for enforcement
- Get people engaged!



Install ample bicycle parking whenever a new school is built, major renovations are made, or existing racks are replaced.



**Seek funding** to install or upgrade bike racks for **existing schools** 

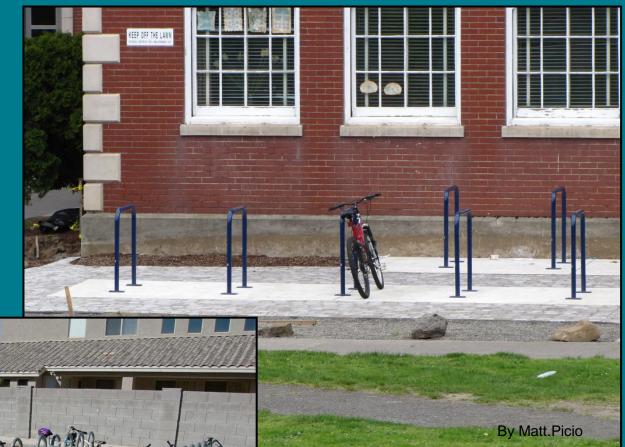
pedbikeimages.org/D

Require weather protection for bicycle parking when building new schools





Provide convenient, central, secure locations for all racks







Provide convenient access routes to bike parking that minimize conflict with vehicles and pedestrians

Coordinate with the local municipality around funding, bike parking placement, etc.

# **Destinations**







## **Beware Bad Bike Parking Policies!**

Not all bike parking policies are good.

### Occasionally, policies:

- Make it illegal for bikes to park anywhere but authorized bike racks
- Penalize bicyclists & impound bikes parked in the wrong places





## Cities and towns can pass bike parking ordinances

## Over 200 already have!

- Philadelphia, PA
- Atlanta, GA
- •Boise, ID
- Charleston, SC





# What can good bike parking policies do?







### Policies can require:

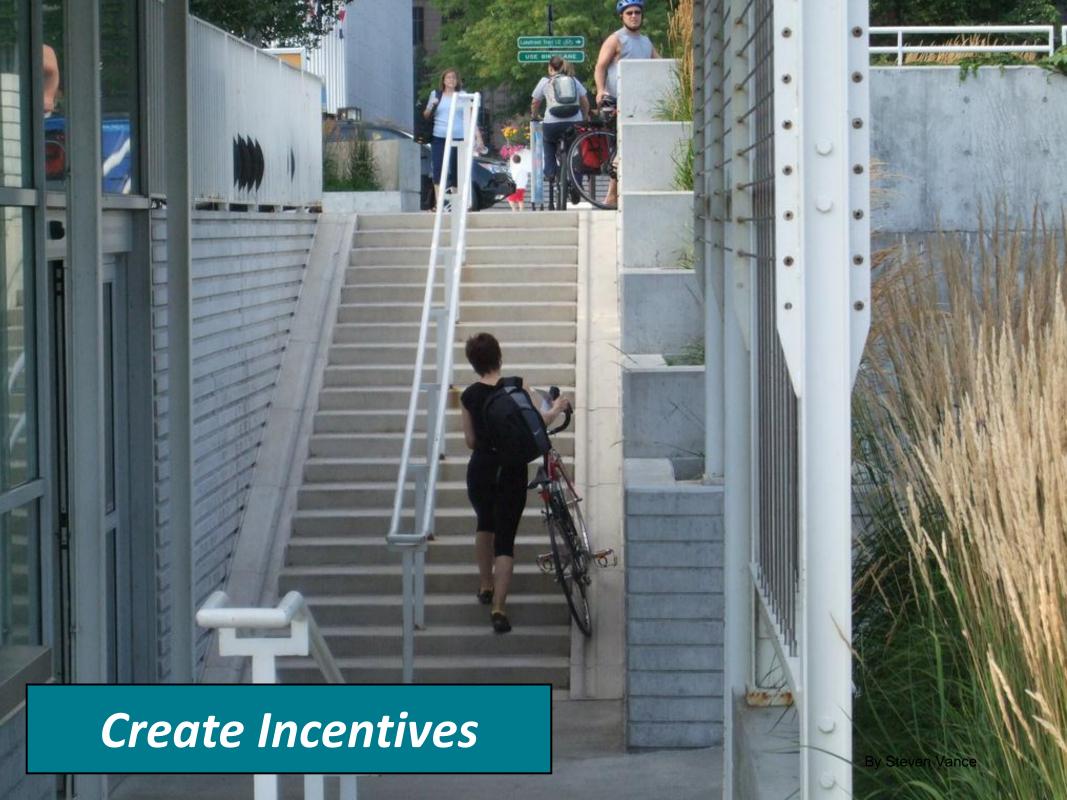
Bike parking in all new developments
 Fort Worth, TX

Bike parking when there's a major remodel
 Oakland, CA

Parking garages to provide bike parking
 Cleveland, OH

•Large events to provide temporary, monitored bike parking

Alameda, CA



#### Policies can use incentives:

Provide rewards

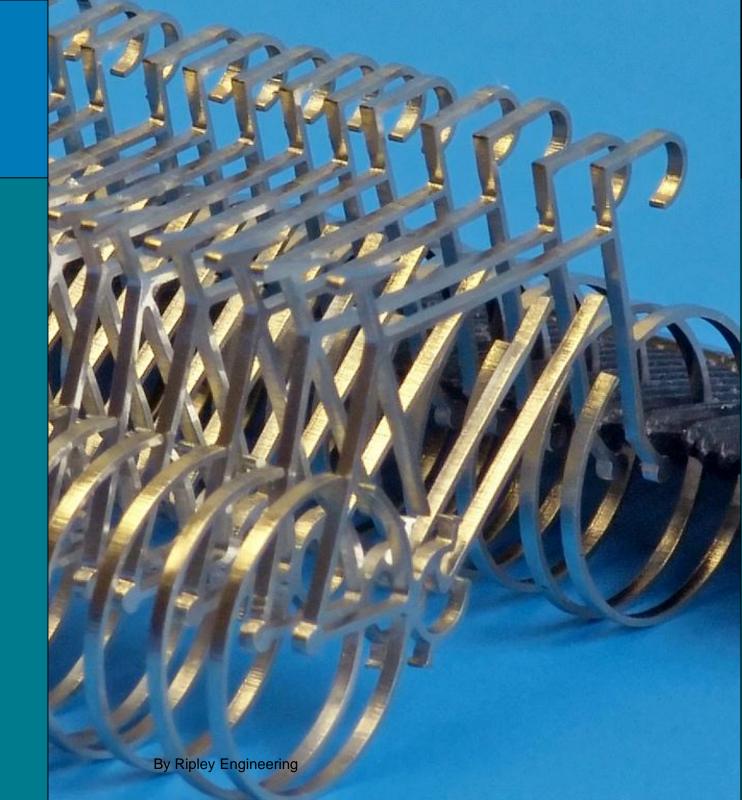
When developers provide required bike parking, let them build less car parking.

Encourage more novel or burdensome approaches

If developers provide showers, let them build less car parking.



PHLP Model
Municipal
Bike Parking
Policy coming
soon!



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- Tip sheet "Bike Parking, Storage and Security"
- Webinar recording
- PDF of PowerPoint slides
- Questions and answers from the webinar

http://www.saferoutespartnership.org/mediacenter/SRAM-Bicycling-Webinar3

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