Bicycle Parking Requirements
An Overview of City Codes

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Overview

The City of Los Angeles is currently seeking to encourage bicycling.

2010 Bicycle Master Plan was approved on March 1, 2011.

The Planning Department proposed an Ordinance implements or supports 10 different policies within the new Bicycle Master Plan.
Current Lack of Bicycle Parking

http://www.parisdailyphoto.com/2010/05/cool-bike-parking.html
http://www.flickr.com/photos/jamesbondsv/3149361628/sizes/o/in/photostream/
New Design Standards are Needed

Avoid implementation of poor quality bicycle parking that can damage bicycles.
Research Design

Extensive review of Bicycle Parking literature.

Examined best practices suggested by different bicycle organizations (APBP)

Completed a comparative analysis of 10 ordinances from bicycle friendly cities.
# 10 Cities Examined

<table>
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<td>551,226</td>
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<td>165.8%</td>
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<td>Santa Monica</td>
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<td>38.5%</td>
<td>CA</td>
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Bicycle Parking Ordinance Considerations

- Ratios
- Minimums
- Required Number of Spaces
- Short/Long Term
- Access/Siting
- Design Standards
- Public Right of Way
- Incentives
- In Lieu Fees
How much and what kind?

**Ratios:** Specific Uses in Sq. Ft. vs. Blanket %

**Minimums:** 2-4 Short and Long-Term

**Required Number of Spaces:** California Green Building Code

**Type:** Short vs. Long Term
Siting and Access

Siting

“For a building with one main entrance, the bicycle parking must be within 50 feet of the main entrance to the building as measured along the most direct pedestrian access route.” (Portland, OR)

Access

“Safe and convenient means of ingress and egress to bicycle parking facilities shall be provided. Safe and convenient means include, but are not limited to stairways, elevators and escalators.” (San Francisco, CA)
Design Standards

Support
“Bicycle parking racks shall support a bicycle upright in two places.” (Columbus, OH)

Dimensions
“Each required short-term bicycle parking space must be at least 2 feet by 6 feet.” (Portland, OR)

Quality Construction
“Consist of racks or lockers anchored so that they cannot be easily removed and of solid construction, resistant to rust, corrosion, hammers, and saws.” (Boulder, CO)

Signage/Lighting
Bicycle Repair/Maintenance Areas

LA will require 100 square feet for bicycle repair/maintenance areas in buildings with more than 20 long-term bicycle parking spaces.
Bicycle Parking in the Public Right-of-Way

Sidewalks
LA ordinance created rules for private businesses to site racks in the public right of way.

Bike Corrals
LA ordinance created rules for private businesses to apply for and construct bicycle corrals.
Incentives

Replacement of Automobile Parking

“Bicycle parking may substitute for up to 25 percent of required parking. For every five non-required bicycle parking spaces that meet the short or long-term bicycle parking standards, the motor vehicle parking requirement is reduced by one space. Existing parking may be converted to take advantage of this provision.” (Portland)

*SB 1818

Accessibility Aisles

Shared aisles in combination with a parking reduction can allow businesses to become ADA compliant.
## In Lieu Fees

### Portland’s Bicycle Parking Fund

<table>
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<tr>
<th>Number of bicycle parking spaces required</th>
<th>Total cost</th>
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<td>15</td>
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<tr>
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<td>17</td>
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<tr>
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<td>18</td>
<td>$17,200</td>
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<td>8</td>
<td>$4,700</td>
<td>19</td>
<td>$17,950</td>
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<td>$18,700</td>
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<tr>
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<td>22 or more</td>
<td>$20,000</td>
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The Holy Grail
Questions?

Thank you!

Please feel free to contact me if you have any questions.

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