



Photo courtesy of BIKETOWN

CONVENIENT COMMUTE. Beginning July 19 at 11:30am, Portland will be the new home for 1,000 “smart bikes” (top photo) that are part of BIKETOWN, Portland’s new bike-share system. The City of Roses joins more than 60 U.S. cities, including New York, Chicago, Washington, D.C., San Antonio, Indianapolis, Boise, and Austin, and 500 cities worldwide, that have popular, safe, and successful bike-share systems. Bike stations around the city, including a station at Portland Community College’s Cascade Campus (middle photo), have between nine and 23 bike racks each, depending on the specific location, with an average of 18 bike racks per station. During phase one of the program, 1,800 bike racks are available at the system’s 100 stations.

BIKETOWN, Portland’s bike-share system, launches on July 19

Beginning July 19 at 11:30am, Portland will be the new home for 1,000 “smart bikes” that are part of BIKETOWN, Portland’s new next-generation bike-share system. The City of Roses joins more than 60 U.S. cities, including New York, Chicago, Washington, D.C., San Antonio, Indianapolis, Boise, and Austin, and 500 cities worldwide, that have popular, safe, and successful bike-share systems.

Membership sales are available on the program’s website. The first 1,000 individuals to sign up for a membership become a BIKETOWN “founding member” and receive a commemorative key to access the system and a special BIKETOWN founding member t-shirt.

The Portland Bureau of Transportation (PDOT) and its partners unveiled a map of the first 100 BIKETOWN station locations in June. The stations house 1,000 “smart bikes” with the latest technology. Customers are able to check out a bike using a smartphone, computer, or a member card, or by typing in their member number and PIN into the keypad on the bike.

Bikes can be parked at thousands of publicly accessible bike racks in the service area. Users who park a bike outside of a station will be charged an additional fee, and users who return such bikes to the stations will receive a credit. Every bike’s exact location can be viewed in real-time from the system’s website or smartphone app.

BIKETOWN stations were selected with extensive public involvement. An online portal received more than 4,500 comments, and staff led more than 40 meetings with community groups and local businesses in addition to five public workshops.

“This station map gives Portlanders 100 more reasons to be excited about BIKETOWN,” PDOT director Leah Treat said. “I want to thank the thousands of Portlanders who took the time to give us their input on station locations. July 19th can’t come soon enough!”

Annual BIKETOWN memberships cost \$12 per month and include 90 minutes of ride time each day. Single-ride passes (\$2.50 for 30 minutes) and 24-hour passes (\$12.00) are also available for those who want to use the program more occasionally, including tourists.

Nike designed the innovative visual identity for BIKETOWN’s standard bike, which is modelled after the Nike orange shoe box. BIKETOWN is also launching three unique, limited-edition bike wrap designs — inspired by iconic Nike sneakers — across 100 of the system’s 1,000 bikes.

Bike stations around the city have



AR Photo



Photo courtesy of BIKETOWN

between nine and 23 bike racks each, depending on the specific location, with an average of 18 bike racks per station. During phase one of the program, 1,800 bike racks are available in a service area roughly bound in the west part of town by S.W. Market Street and N.W. 25th Avenue; on the south side by S.W. Bancroft Street and S.E. Woodward Street; on the east side by N.E. 21st and 30th Avenues and S.E. César Chávez Boulevard; and in the north by N. Concord Avenue as well as N. Killingsworth Street.

To learn more about BIKETOWN, or to sign up, call 1-866-512-BIKE (1-866-512-2453) or visit <www.biketownpdx.com>.

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Elephant Lands earns LEED Gold certification

Elephant Lands, the new home for the world-famous Asian elephant family at the Oregon Zoo, has earned gold certification from the U.S. Green Building Council’s Leadership in Energy and Environmental Design (LEED), an internationally recognized benchmark for sustainable building practices.

Elephant Lands, which is the fourth of eight major projects made possible by the zoo bond measure, is four times the size of the zoo’s former Asian elephant habitat and accounts for nearly one-tenth of the zoo’s total 64-acre footprint.

Sustainable designs utilized in Elephant Lands included pool filtration, stormwater management, a geothermal “slinky” system, a solar photovoltaic array and a solar hot-water system, natural ventilation, and cross-laminated timber.

Pool filtration

At Elephant Lands, a state-of-the-art filtration and water-treatment system now cleans and replenishes the new 160,000-gallon elephant pool every hour. In the past, to keep the elephants healthy, staff dumped and refilled the pool, pouring millions of gallons of water down the drain every year.

Stormwater management

Rainwater that runs off Forest Hall’s roof is now



GREEN HABITAT. A section of cross-laminated timber (CLT) is lifted onto the roof of the new Elephant Plaza building at the Oregon Zoo. The building took runner-up honors for Sustainable Project of the Year at the Portland Business Journal’s 2015 Better Bricks awards. Other sustainable designs utilized in the Elephant Lands habitat included pool filtration, stormwater management, a geothermal “slinky” system, a solar photovoltaic array and a solar hot-water system, and natural ventilation. (Photo/Michael Durham, courtesy of the Oregon Zoo)

stored in a 5,000-gallon underground cistern, which helps reduce peak loads on the city stormwater system while conserving potable water use. The water is then used at Forest Hall for flushing toilets and wash down. The new system is a large-scale version of having a rain barrel under a home downspout.

Geothermal “slinky” system

In the North Habitat section of Elephant Lands, a geothermal “slinky” system now directs heat created as a byproduct of cooling the swimming pools for the polar bears through

rows of slinky-like coiled pipes buried eight to 12 feet underground. The ground maintains a constant temperature, which insulates the pipes, and pumps connected to the system delivers heat to the indoor portion of Elephant Lands.

Photovoltaic array

A new solar photovoltaic array located on the roof of Forest Hall is anticipated to generate about 34,000 kilowatt-hours of electricity per year. The electricity will be used in the building without releasing CO₂ or creating hazardous waste.

Solar hot-water system

A solar hot-water system

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