What is a Public Bicycle System?
What is a Public Bicycle System?

- Designed to operate like an extension of the public transit system.
- To be used for one-way trips of less than 30 minutes in duration.
How does a Public Bicycle System Operate?

- Regular users purchase a membership or “pass” for one month to one year.
- Have 24-7 access to the bicycles.
- No fee if the bicycle is returned within 30 minutes.
- Bicycles can be picked up and dropped off at any bicycle parking station.
- Non-members or day users access system at any station with credit card.
BIXI Toronto. 24-7. 365 days a year.
Users have 30 minutes

A Network of Stations

Figure 8: Preferred Docking Station Network based on Aggregate Population Density
Toronto Public Bicycle System Proposed Service Area

Aggregate Density (ha)
- 0 - 53
- 54 - 67
- 68 - 85
- 86 - 129
- 130 - 1,024

Docking Stations

Data Source: Statistics Canada, 2006
Prepared by: Andrea M. Garcia
Fees

Basic fees + Usage fees for each trip

$78 / 1 year

$28 / 30 days INCLUDED + $1.50 + $3.00 + $6.00 + ...

$5 / 24 hour One-time payment per period per bike

$250 security deposit for each 24-hour period per bike. No security deposit for the 1-year and 30-day subscriptions.

Max. 2 Maximum 2 bikes per credit card for 24-hour access.

TAXES INCLUDED.
Pay Station
Pay Station

- Uniform modular unit
- Easy to remove, replace and repair
- Solar panels power entire station — virtually unlimited number of bike docks
- Virtually no downtime
- Fits easily into technical platform - “Plug and Play”
- Touch screen
- Printer
- Can control bike and parking space rental
- Accepts various forms of payment — cash (for parking only), credit cards, bike key
The Bicycle

- aluminum frame — light, strong, durable
- active lighting — front and back, always on
- Front and rear internal brakes for greater safety
- Adjustable seat positioning — standardized through entire fleet of bikes
- Suitable for wide range of riders
- Low center of gravity for greater stability
Questions?

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