the Chicago Streetcar

Chicago Streetcar Renaissance

John Krause, Executive Director

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"Sustainable prosperity depends on our region’s success in reducing congestion by promoting transportation options other than driving."

GO TO 2040

Strasbourg

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Streetcar

Light rail
Tramway or rapid streetcar

- Simple infrastructure
- Dedicated lane
- Traffic signal priority

Rome
Tramway or rapid streetcar

simple infrastructure  dedicated lane  traffic signal priority
Tramway or rapid streetcar

- simple infrastructure
- dedicated lane
- traffic signal priority

Angers
Tramway or rapid streetcar

- Simple infrastructure
- Dedicated lane
- Traffic signal priority

Minneapolis

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$57 million/mile
4,760 riders per mile

Tramway or rapid streetcar

simple infrastructure  dedicated lane  traffic signal priority

Houston
Why would you invest in streetcars when you could build much more BRT for the same cost?

$25 million/mile
1,117 riders per mile
$59 million/mile
9,700 riders per mile
<table>
<thead>
<tr>
<th>Ridership</th>
<th>Speed</th>
<th>Development</th>
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</thead>
<tbody>
<tr>
<td>$59 million/mile</td>
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</tbody>
</table>

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Strasbourg
84 passengers per driver
84 passengers per driver

300 passengers per driver

Strasbourg
Population: 272,000
Population: 2.7 million
Ottawa light rail gets official OK

OTTAWA CITIZEN  DECEMBER 19, 2012

Council has unanimously approved a contract for the first stage of light rail transit in the capital.

OTTAWA — Ottawa council voted 24-0 Wednesday morning to formally approve a contract for the first stage of light rail transit in the capital.

To cost $2.1 billion initially, the 12.5-kilometres rail line will run from Tunney’s Pasture in the west to Blair Road in the east, and pass under much of downtown in a tunnel.

The city chose the Rideau Transit Group, a consortium of engineering firms, to build the line.

The first stage of construction starts in February with the addition of lanes on the Queensway to carry express buses while the existing bus-only Transitway is closed during the conversion to rail.

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Ottawa light rail gets official go-ahead

OTTAWA CITIZEN  DECEMBER 19, 2012

Council has unanimously approved a contract for the first stage of light rail transit in the capital.

OTTAWA — Ottawa council voted 24-0 Tuesday to approve the first stage of light rail transit in the capital.

To cost $2.1 billion initially, the 12.5-kilometre east-west LRT line will begin at Blair Road in the east, and pass under Rideau Street, St. Patrick’s Island and on to the Carling and Rockliffe area.

The city chose the Rideau Transit Group to build, operate and maintain the system for 40 years.

The first stage of construction starts in February with the construction of a dedicated bus express lanes while the existing bus-only Transitway is closed during the period.

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Great for highways
Slow transit is expensive.
3 stops/mile = 12.5 mph
Dedicated lane + traffic signal priority
Narrow Clark St
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What if we prioritize differently on a handful of streets?
What if we differentiate our streets to accommodate all modes throughout the neighborhood?
Michigan Ave
Houston can do it.
Transit system or catalyst for development?
$3.5 billion in ten years
Some potential routes...
Lake Shore Light Rail

Replaces 8,800 current bus boardings per mile

Highest ridership per mile in North America

2.7 times as many as the average CTA train line

Faster than the Red Line from Bryn Mawr to Madison
"The purpose of the project is to improve NLSD as a multi-modal transportation facility for moving people; to improve its impact on the lakefront, the parks, and the city around it; and to help prepare Chicago for a future of growth without congestion."

> Find it on our Facebook page
Superloop

Navy Pier
Magnificent Mile
Merchandise Mart
Ogilvie Transportation Center
Union Station
Museum Campus

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Busiest bus corridors

- North Lake Shore
- Chicago
- Clark
- Michigan
- South Lake Shore
- State
- Madison
- Cottage Grove
- 79th St

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Core streetcar routes

- North Lake Shore
- Chicago
- Clark
- Michigan
- South Lake Shore
- State
- Madison
- Cottage Grove
- 79th St

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O’Hare Airport Express
122 miles = Denver (+ 18 miles of BRT)
1,056 miles = Chicago 1938 = $30 billion = L.A. 2008
An appealing alternative to driving

- Glides along on rails instead of bumping and rattling over potholes
- Rapid, level boarding through multiple doors right from the sidewalk
- Long, high-capacity vehicles
- Faster and more reliable service

Strasbourg

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Cost-effective expansion of rapid transit
More riders per mile than the L at 10% of the capital cost.

Cost-effective expansion of rapid transit.
Rapid transit in the heart of the neighborhood

Strasbourg
Rapid transit in the heart of the neighborhood
Boosts local business and local jobs
Boosts local business and local jobs
Boosts local business and local jobs
Clears the way for safe cycling
Clears the way for safe cycling
Tourist-friendly link to major attractions
Tourist-friendly link to major attractions
Tourist-friendly link to major attractions
Tourist-friendly link to major attractions
Tourist-friendly link to major attractions
Transportation for the post-driving generation
Transportation for the post-driving generation
Transportation for the post-driving generation
Cost-effective rapid transit for a growing city

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