STREETCARS:
Getting the Most **BANG** for the Buck
Streetcar Panelists

David Taylor, HDR Tampa
GB Arrington, PB Portland
Ed Crawford, HARTLine Tampa
Keith Jones, CATA Little Rock
Ethan Melone, City Of Seattle
John Carroll, Carroll Investments
Portland
Building Livable Communities with Transit

Streetcar Systems in Operation

Streetcar Systems in Planning, Design or Construction
The Streetcar Goal

Connecting People    Shaping Places
Connecting and Shaping

- Pedestrians - The First Class Passenger
- True Urban Circulation - Short-trips
- Destinations and Activity Centers Linked
- Redevelopment is Enhanced
- Retail and Active Uses are Reinforced
- Public/Private Investment is Maximized
- “Places Where People Want to Be” are Created
The Successful Streetcar District

- A Definable Boundary
- An Appropriate Set of “Attractors and Producers” – Diverse Use Mix
- Opportunity Areas for Redevelopment or Joint Development
- A High Quality Pedestrian Environment
- Route Visibility and Identity
- Multiple Modes and Connectivity
- Coordinated Public/Private Efforts
Building Livable Communities with Transit

The Streetcar District

Point West Streetcar District

Initial Concepts
Portland Streetcar Development

$2.4B in Private Investment Since 2001
Streetcar Core Center Edge
Streetcar Effect: Twice the Intensity

- Source: Portland Streetcar, Inc/ E.D. Hovee & Company
Pearl District Projects
South Waterfront: Portland’s Next Big Thing
Building Livable Communities with Transit

Tacoma
Seattle Streetcar
Seattle Streetcar
Seattle Streetcar

Mayor Greg Nickels’ South Lake Union Action Agenda

• Attract biotech and other jobs
• Create a new waterfront park
• Encourage housing development
• **Build a streetcar**
• Build infrastructure to promote housing and job development
• Encourage sustainable development
Seattle Streetcar

Future Transportation Network

Legend:
- Aurora Bus Express
- Sounder Commute Rail
- Major Road Projects
- Rapid Rail
- Bike Station
- City Center Transfer Station
- Streetcar
- Link Light Rail
- Regional Bus Express
- Aqua Bus
Building Livable Communities with Transit

Little Rock’s River Rail
Little Rock’s River Rail
Little Rock’s River Rail
Little Rock’s River Rail
TECO Line Streetcar - Tampa

Development is Booming

Placemaking Development Tourism.
TECO Line Streetcar - Tampa

Opposite sides of Channelside Dr.
TECO Line Streetcar - Tampa

New Embassy Suites Opens December 2006

Entrance faces the streetcar station instead of the street
TECO Line Streetcar - Tampa
Building Livable Communities with Transit

TECO Line Streetcar - Tampa
TECO Line Streetcar - Tampa
### Return on Investment

<table>
<thead>
<tr>
<th>City</th>
<th>Year</th>
<th>Miles</th>
<th>Cost*</th>
<th>$ Inv**</th>
<th>ROI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Little Rock</td>
<td>2004</td>
<td>2.5</td>
<td>19.60</td>
<td>1.2b</td>
<td>6122%</td>
</tr>
<tr>
<td>Tacoma</td>
<td>2003</td>
<td>1.6</td>
<td>88.75</td>
<td>0.9b</td>
<td>1014%</td>
</tr>
<tr>
<td>Tampa</td>
<td>2003</td>
<td>2.3</td>
<td>56.00</td>
<td>1.0b</td>
<td>1785%</td>
</tr>
<tr>
<td>Portland</td>
<td>2001</td>
<td>4.8</td>
<td>54.60</td>
<td>2.3b</td>
<td>4212%</td>
</tr>
</tbody>
</table>

* This represents the total costs of the project including maintenance facilities and in Tampa's case, land acquisition.

** This represents planned and existing development investments directly related to the lines. Numbers were through interviews in Little Rock, a development study in Portland, and calculations of new planned development located three blocks or less from the streetcar in Tacoma and Tampa.
Creating Excitement and Value