Corridors and Profiles Evaluated
## Universe of Corridors and Profiles Considered

<table>
<thead>
<tr>
<th>CORRIDORS</th>
<th>PROFILES</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-57 Expressway</td>
<td>At-Grade</td>
</tr>
<tr>
<td>Halsted Street</td>
<td>Elevated</td>
</tr>
<tr>
<td>UP Railroad</td>
<td></td>
</tr>
<tr>
<td>Wentworth Avenue</td>
<td>Trench</td>
</tr>
<tr>
<td>State Street</td>
<td>Underground</td>
</tr>
<tr>
<td>Michigan Avenue</td>
<td></td>
</tr>
<tr>
<td>King Drive</td>
<td></td>
</tr>
<tr>
<td>Cottage Grove Avenue / Metra Electric</td>
<td></td>
</tr>
<tr>
<td>I-94 Bishop Ford Freeway</td>
<td></td>
</tr>
</tbody>
</table>
Study Area
I-57 Expressway Corridor
Wentworth Avenue Corridor
State Street Corridor
Michigan Avenue Corridor
King Drive Corridor

Red Line Extension Alternatives Analysis Study
Cottage Grove Avenue / Metra Electric Corridor
I-94 Bishop Ford Freeway Corridor
Corridors Considered in the AA Study

- I-57 Expressway
- Halsted Street
- UP Railroad
- Wentworth Avenue
- State Street
- Michigan Avenue
- King Drive
- Cottage Grove Avenue / Metra Electric
- I-94 Bishop Ford Freeway
Universe of Alternatives in the AA Study

Technologies* & Corridors & Profiles & Universe

* Not all Technologies Can be Applied to Each Alignment

I-57
Halsted
UP RR
Wentworth
State
Michigan
King
Cottage Grove / Metra Electric
I-94

At-Grade
Elevated
Trench
Underground

398 Combinations Including No-Build and Baseline

Red Line Extension Alternatives Analysis Study
Screen 1 Evaluation
## Screen 1 Evaluation Criteria

<table>
<thead>
<tr>
<th>Technologies</th>
<th>Corridors</th>
<th>Technologies, Corridors and Profiles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed</td>
<td>Social Factors</td>
<td>Effects on Neighborhoods</td>
</tr>
<tr>
<td>Station Spacing</td>
<td>Transportation Factors</td>
<td>Physical and Operational Factors</td>
</tr>
<tr>
<td>Customer Capacity</td>
<td></td>
<td>Opportunities to Access Other Transit Services</td>
</tr>
<tr>
<td>Proven Reliability</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Red Line Extension Alternatives Analysis Study

[CTA]
Screen 1 Evaluation Process
Preliminary Findings

• Technologies that Meet the Criteria of the Screen 1 Evaluation Process
  – Bus Rapid Transit (BRT)  – Heavy Rail Transit (HRT)

• Technologies that Do Not Meet the Criteria of the Screen 1 Evaluation Process
  – Light Rail Transit (LRT)  – AGT / Monorail
  – High Speed Rail  – Personal Rapid Transit
  – Commuter Rail  – Streetcar
  – Commuter Bus  – Local Bus
  – Magnetic Levitation Trains
Screen 1

Screen 1 Evaluation Process Preliminary Findings

- Corridors that Meet the Criteria of the Screen 1 Evaluation Process
  - Halsted Street
  - UP Railroad (UPRR)
  - Michigan Avenue

- Corridors that Do Not Meet the Criteria of the Screen 1 Evaluation Process
  - I-57 Expressway
  - Wentworth Avenue
  - King Drive
  - I-94 Bishop Ford Freeway
  - State Street
  - Cottage Grove / Metra Electric
Screen 1 Evaluation Process
Preliminary Findings

Bus Rapid Transit
- At-Grade

Heavy Rail Transit
- Elevated
- Underground
- Trench
Screen 1 Evaluation Process
Preliminary Findings

Technologies* Universe Profiles Corridors

Bus Rapid Transit

Halsted

UPRR

&

Heavy Rail Rapid Transit

Michigan

&

At-Grade Elevated Trench

Underground

= 10 Combinations

Including No-Build and Baseline

* Not all Technologies Can be Applied to Each Alignment

Red Line Extension Alternatives Analysis Study
Next Steps
Next Steps

• Incorporate Public Comments
• Confirm “Screen 1” Preliminary Findings
• Refine the Alternatives
• Continue Public Involvement
  – Sign-in cards will be used to create a contact list to send notices and updates
  – Meetings announced through car cards, customer alerts, local media and contact list
  – Project updates on CTA web site - www.transitchicago.com
Screen 1 Meeting Schedule

Tuesday April 10, 2007
6:00 p.m. – 8:00 p.m.
Chicago State University
New Academic Library
4th Floor Auditorium
9501 South King Drive
Chicago, Illinois

Wednesday April 11, 2007
6:00 p.m. – 8:00 p.m.
West Pullman Branch
Chicago Public Library
Community Room
830 West 119th Street
Chicago, Illinois
Questions and Comments

• CTA representatives are available to answer additional questions

• Written comments and questions accepted through May 11, 2007:

  Mr. Darud Akbar
  Chicago Transit Authority
  Government and Community Relations
  P.O. Box 7567
  Chicago, IL  60680-7567
  dakbar@transitchicago.com
  312-681-2708
Federal Transit Administration’s
New Starts Process

Red Line Extension
Alternatives Analysis Study