C Line
Long-Term Glenwood Realignment Study

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BRT/Small Starts Project Office

Transportation Committee
September 26, 2016
Temporary Stations on Olson Memorial Highway

- Construction will impact stations
- Community interest in exploring alternatives to Olson Highway for C Line
Glenwood Avenue: Long-Term Alignment Study

1. Technical Feasibility Review
   - Completed in May
   - Review indicates C Line on Glenwood Avenue is feasible

2. Recommend long-term east-west alignment
   - June-July: Engage community around transit needs
   - June-Aug.: Prepare technical comparison study of Glenwood and Olson
   - Sept.-Oct.: Share recommendation and gather community feedback
   - Nov-Dec. Council approval

3. Develop plans for implementation (Timing, other bus service changes)
   - Coordination with Blue Line Extension
   - Coordination with Green Line Extension
   - Coordination with other projects
Alignments under study

- Glenwood Station Plan process has not been initiated
- Preliminary stations based on major connections, ridership
Service & demand today

<table>
<thead>
<tr>
<th>Service Frequency</th>
<th>Route 19</th>
<th>Route 9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rush Hours</td>
<td>8-10</td>
<td>20</td>
</tr>
<tr>
<td>Midday</td>
<td>10</td>
<td>30</td>
</tr>
<tr>
<td>Evening</td>
<td>15-20</td>
<td>30</td>
</tr>
<tr>
<td>Owl</td>
<td>60</td>
<td>--</td>
</tr>
<tr>
<td>Sat/Sun</td>
<td>15</td>
<td>30</td>
</tr>
</tbody>
</table>

Existing Olson Travel Patterns
- 422 NB/outbound boardings
- 594 SB/inbound boardings

Existing Glenwood Travel Patterns
- 35 WB/outbound boardings
- 356 EB/inbound boardings

Legend
- Route 19
- Route 9
- Average Weekday Boardings:
  - Fewer than 5 boardings per day
  - About 80 boardings per day
  - More than 125 boardings per day

Source: Fall 2019, APC data
Planning for future changes

Existing Olson Travel Patterns

- 422 NB/outbound boardings
- 594 SB/inbound boardings

Legend
- Route 19
- Route 9
- Average Weekday Boardings
  - Fewer than 5 boardings per day
  - About 80 boardings per day
  - More than 175 boardings per day

Source: Fall 2018, APC data

Existing Glenwood Travel Patterns

- 35 WB/outbound boardings
- 356 EB/inbound boardings
## Key evaluated factors

<table>
<thead>
<tr>
<th>Factor</th>
<th>Olson</th>
<th>Glenwood</th>
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</thead>
<tbody>
<tr>
<td>Population served</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Travel time</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Connections to LRT</td>
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<td>✔</td>
</tr>
<tr>
<td>Support economic development</td>
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<td>✔</td>
</tr>
<tr>
<td>Current ridership demand</td>
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<tr>
<td>Potential future ridership demand</td>
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<td>✔</td>
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<tr>
<td>Future transitway network coverage</td>
<td>TBD</td>
<td>✔</td>
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<tr>
<td>Community support</td>
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<td>TBD</td>
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Study recommendations

- The C Line will serve Olson Memorial Highway from its opening day until the Blue Line Extension is in service and Glenwood stations are completed.
- The C Line will be realigned to Glenwood Avenue once the Blue Line Extension is in service and Glenwood stations are completed.
- Project development for the Glenwood Alignment will begin following execution of a Full Funding Grant Agreement for the Blue Line Extension.
## Implementation schedule

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<tbody>
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<td>Environmental review</td>
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<td></td>
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<td>🟢</td>
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<td>🟢</td>
</tr>
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<td>30% design</td>
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<tr>
<td>Final design</td>
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<td></td>
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<tr>
<td>Construction</td>
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<td></td>
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<td>🟢</td>
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</tr>
<tr>
<td>Revenue service begins</td>
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<td>🟢</td>
<td></td>
</tr>
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**Blue Line Extension** *(current schedule, subject to change)*

| Full funding grant agreement   |      |      |      |      | 🟢   | 🟢   |      |
| Construction                   |      |      |      |      | 🟢   | 🟢   |      |
| Revenue service begins         |      |      |      |      | 🟢   | 🟢   |      |

**Glenwood Realignment**

| Corridor planning              |      |      | 🟢   |      | 🟢   | 🟢   | 🟢   |
| Environmental review           |      |      |      |      | 🟢   | 🟢   | 🟢   |
| Design                         |      |      |      |      | 🟢   | 🟢   | 🟢   |
| Construction                   |      |      |      |      | 🟢   | 🟢   | 🟢   |
| C Line moves to Glenwood       |      |      |      |      | 🟢   | 🟢   | 🟢   |
Upcoming engagement process

- October: Share recommendation and gather feedback
  - Open house: October 18, 6:00–7:30 p.m. Harrison Education Center
  - Neighborhood organization discussions
  - Pop-up bus stop outreach, on-board customer outreach
  - Agency stakeholder feedback

- November: Present recommendation for Committee action to approve

- December: Present recommendation for Council action to approve
metrotransit.org/c-line-project

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