C Line: Preliminary Design and Long-Term Glenwood Realignment Recommendation

BRT/Small Starts Project Office
Metro Transit

October 2016
C Line Overview

Brooklyn Center Transit Center
Xerxes & 56th
Brooklyn Boulevard
Penn & 43rd
Penn & Dowling
Penn & 36th
Penn & Lowry
Penn & 29th
Penn & West Broadway
Penn & Golden Valley
Penn & Plymouth
Olson & Humboldt
Olson & Bryant
Olson & 7th
Olson & Nicollet
7th & Humboldt
7th & Nicollet
7th & 3rd
7th & Park

Transit center setting
Residential setting (small shelter)
Commercial setting (large shelter)
Commercial setting (medium shelter)

Glenwood Ave.
Permanent Alignment Stations 190

Miles
0
0.5
1

Metro Transit
C Line
C Line Implementation Schedule

<table>
<thead>
<tr>
<th>Year</th>
<th>C Line</th>
<th>Blue Line Extension</th>
<th>Glenwood Realignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>Environmental review</td>
<td>Full funding grant agreement</td>
<td>Corridor planning</td>
</tr>
<tr>
<td>2017</td>
<td>30% design</td>
<td>Construction</td>
<td>Environmental review</td>
</tr>
<tr>
<td>2018</td>
<td>Final design</td>
<td>Revenue service begins</td>
<td>Design</td>
</tr>
<tr>
<td>2019</td>
<td>Construction</td>
<td></td>
<td>Construction</td>
</tr>
<tr>
<td>2020</td>
<td>Revenue service begins</td>
<td></td>
<td>C Line moves to Glenwood</td>
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<tr>
<td>2021</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>2022</td>
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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
Planning for future changes

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 175 boardings per day

Source: Fall 2018, APC data
### Key evaluated factors

<table>
<thead>
<tr>
<th>Factor</th>
<th>Olson</th>
<th>Glenwood</th>
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<tbody>
<tr>
<td>Population served</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Travel time</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>Connections to LRT</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Support economic development</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>Current ridership demand</td>
<td>✓</td>
<td></td>
</tr>
<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>
<td>TBD</td>
<td>TBD</td>
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</table>
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 completion of a Full Funding Grant Agreement for the Blue Line Extension.
The C Line will serve Olson Highway from its opening day until the METRO Blue Line Extension light rail is in service and Glenwood stations are completed.
The C Line will be realigned to Glenwood Avenue once the METRO Blue Line Extension light rail is in service and Glenwood stations are completed.
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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