A-B Transit Corridor Parking Study Findings

November 2022

OVERVIEW

One of the key recommendations of the Allston-Brighton Mobility Plan is to implement the A-B Transit Corridor, a project to improve bus service between Oak Square and Union Square by introducing peak hour (i.e., rush hour) bus lanes.

This fact sheet presents the A-B Transit Corridor Parking Analysis, which evaluated parking use starting at Washington Street’s intersection with Parsons Street in Brighton and extending along Cambridge Street to Union Square in Allston. This study, conducted in October 2021, found that it would be feasible to convert one parking lane to a shared bus and bicycle lane in the inbound direction of travel during the AM peak and another in the outbound direction of travel during the PM peak.

Quick Facts

- 6% of parked vehicles were registered to the study area
- 19% of vehicles remained parked in the same spot for 6+ hours
- Side street and surface lot occupancy only exceeded 70% at noon

PARKING DEFICIT UNDER CURRENT CONDITIONS

AM Peak: 36 to 75 spaces
PM Peak: 26 to 52 spaces

Balancing the Parking Deficit

- Side Streets and Parking Lots: Currently underutilized
- Travel Choice Changes:
  - Better transit service
  - Improved bicycling comfort
- Parking Behavior Changes:
  - Long duration, unregulated parking no longer possible

Convert One Parking Lane to a Shared Bus and Bike Lane

AM Peak: Inbound Direction of Travel
PM Peak: Outbound Direction of Travel

BPDA Estimates

608 Off-Street Parking Spaces
Approximately 68 spaces are available to the general public and 540 parking spaces are reserved for patrons of local businesses, employees & residents

235 Side Street Spaces
71 spaces allow time-limited public parking and 164 spaces are designated for resident parking.

Comparison of Parking Behavior:
Business Area vs. Residential Segment

Parking Area Capacity

<table>
<thead>
<tr>
<th>Time</th>
<th>Parking Area Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 AM</td>
<td>190</td>
</tr>
<tr>
<td>8:00 AM</td>
<td>199</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>229</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>194</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>180</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>170</td>
</tr>
<tr>
<td>6:00 PM</td>
<td>196</td>
</tr>
</tbody>
</table>

Legend

- Red: 5+ Hours
- Orange: 4-5 Hours
- Yellow: 3-4 Hours
- Green: 2-3 Hours
- Blue: 1-2 Hours
- Light blue: Less than 1 Hour
- Pink: A-B Transit Corridor

Full parking study analysis available here: bit.ly/ABMobility